For date notes in the lists in general the first recognition of the species in a square was noted, sometimes additional dates are mentioned.
Altitudes are generally given in ranges which comprise the extensions visited in the respective square according tot he used maps. In some cases GPS measured heights or height points from the maps are given.
waal: traditional irrigation canal

1 Platzerhof, Naturns, 32T 0653000 5166000
Narrow valley east of Platzerhof (Kellerbach) until Platzerhof; woodland dominated by *Picea abies*; altitudinal range ca 700 – 1,120 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium subtile	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground, wood
Antitrichia curtipendula	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Atrichum undulatum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Barbilophozia hatcheri	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground, wood
Bartramia halleriana	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Blepharostoma trichophyllum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rotten wood
Brachytheciastrum velutinum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Conocephalum conicum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Coscinodon cribrosus	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Dichodontium palustre	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	wet ground along river
Dicranella heteromalla	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	open soil, wood
Dicranum montanum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark conifer
Dicranum scoparium	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock and ground, wood
Eurhynchium angustirete	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Frullania tamarisci	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark conifer
Grimmia elatior	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Hedwigia ciliata	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Herzogiella seligeri	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground, wood and rotten wood
Homalothecium sericeum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Hylocomium splendens	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Hypnum cupressiforme	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock and ground, wood
Hypnum revolutum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock

Isothecium alopecuroides	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Lejeunea cavifolia	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark conifer
Lepidozia reptans	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rotten wood
Metzgeria furcata	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark conifer
Mnium spinosum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Mnium thomsonii	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Neckera complanata	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock and bark
Neckera crispa	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock and bark
Plagiomnium affine	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Plagiomnium undulatum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Plagiothecium laetum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Platyhypnidium riparioides	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	wet rock at river
Pleurozium schreberi	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Pogonatum urnigerum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Polytrichastrum formosum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Porella platyphylla	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark and rock
Pterigynandrum filiforme	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Ptychomitrium polyphyllum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Racomitrium elongatum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	open ground at river
Radula complanata	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	bark and rock
Rhytidiadelphus triquetrus	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Rhytidium rugosum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground, dry open
Schistidium apocarpum	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock
Tetraphis pellucida	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rotten wood
Thuidium assimile	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	ground
Tortella tortuosa	**1**	IT	21.04.04	700 – 1,120 m a.s.l.	rock and ground

2 Naturns, 32T 0653000 5167000
Naturns village; walls, deciduous street trees, road embankment, fruit cultures; altitudinal range ca. 530 – 545 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	wall
Bryum argenteum	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	road bank
Bryum torquescens	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	road bank
Calliergonella cuspidata	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	concrete
Ceratodon purpureus	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	road bank
Grimmia pulvinata	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	Concrete wall
Marchantia polymorpha	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	apple culture
Orthotrichum diaphanum	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	Concrete, bark
Oxyrrhynchium hians	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	road bank
Tortula muralis	**2**	IT	05.08.16	ca. 530 – 545 m a.s.l.	Concrete wall

3 Naturns, 32T 0653000 5168000
Naturns village and near Castle Falkenstein; walls, deciduous street trees, road embankment; altitudinal range ca. 525 m a.s.l. and 560 – 580 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**3**	IT	05.08.16	ca. 525 m a.s.l.	wall
Brachytheciastrum velutinum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Brachythecium glareosum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Bryoerythrophyllum recurvirostre	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Bryum argenteum	**3**	IT	05.08.16	ca. 525 m a.s.l.	road bank
Bryum moravicum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Conocephalum conicum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Cratoneuron filicinum	**3**	IT	31.07.17	560 – 580 m a.s.l.	river
Eurhynchium hians	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Fissidens bryoides	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground

Grimmia elatior	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Hedwigia ciliata	**3**	IT	31.07.17	560 – 580 m a.s.l.	rock
Homomallium incurvatum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Hypnum cupressiforme	**3**	IT	31.07.17	560 – 580 m a.s.l.	rock
Marchantia polymorpha	**3**	IT	05.08.16	ca. 525 m a.s.l.	tarmac, road plaster
Metzgeria furcata	**3**	IT	31.07.17	560 – 580 m a.s.l.	rock
Orthotrichum anomalum	**3**	IT	31.07.17	560 – 580 m a.s.l.	rock
Orthotrichum diaphanum	**3**	IT	05.08.16	ca. 525 m a.s.l.	bark, wall
Orthotrichum obtusifolium	**3**	IT	05.08.16	ca. 525 m a.s.l.	bark
Palustriella commutata	**3**	IT	31.07.17	560 – 580 m a.s.l.	river
Plagiomnium cuspidatum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Plagiomnium undulatum	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Porella platyphylla	**3**	IT	31.07.17	560 – 580 m a.s.l.	rock, bark
Schistidium elegantulum	**3**	IT	31.07.17	560 – 580 m a.s.l.	concrete
Syntrichia laevipila	**3**	IT	05.08.16	ca. 525 m a.s.l.	bark
Syntrichia papillosa	**3**	IT	05.08.16	ca. 525 m a.s.l.	bark
Syntrichia ruralis	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Tortula atrovirens	**3**	IT	31.07.17	560 – 580 m a.s.l.	wall
Tortula muralis	**3**	IT	05.08.16	ca. 525 m a.s.l.	wall
Tortula subulata	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground
Weissia controversa	**3**	IT	31.07.17	560 – 580 m a.s.l.	ground

4 Unterstell, 32T 0652000 5168000
Trail from cable car station Unterstell downwards; meadows, dry stonewalls, dry woodland (*Quercus pubescens*), steppe heath; altitudinal range 750 – 990 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Amblystegium serpens	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Atrichum undulatum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Brachytheciastrum velutinum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Brachythecium salebrosum	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Bryoerythrophyllum recurvirostrum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground, soil
Bryum argenteum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Bryum capillare	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Bryum moravicum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Cephaloziella divaricata	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Ceratodon purpureus	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Cratoneuron filicinum	**4**	IT	25.08.12	750 – 990 m a.s.l.	river, wet groundfall
Fabronia ciliaris	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Fissidens taxifolius	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Frullania dilatata	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock, bark
Grimmia laevigata	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Hedwigia ciliata	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Homalothecium sericeum	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Hypnum cupressiforme	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Leiocolea bantriensis	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Leucodon sciuroides	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Orthotrichum anomalum	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Palustriella commutata	**4**	IT	25.08.12	750 – 990 m a.s.l.	river, wet groundfall
Pellia endiviaefolia	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Plagiochila porelloides	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Plagiomnium affine	**4**	IT	25.08.12	750 – 990 m a.s.l.	near wet groundfall
Plagiomnium cuspidatum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground

Platyhypnidium riparioides	**4**	IT	25.08.12	750 – 990 m a.s.l.	river, wet groundfall
Pogonatum urnigerum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Pohlia cruda	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground and near wet groundfall
Polytrichum juniperinum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Polytrichum piliferum	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock
Porella platyphylla	**4**	IT	25.08.12	750 – 990 m a.s.l.	rock, bark
Rhytidium rugosum	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground, rock
Riccia cilifera	**4**	IT	25.08.12	750 – 990 m a.s.l.	steppe heath
Syntrichia ruralis	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Syntrichia sinensis	**4**	IT	25.08.12	750 – 990 m a.s.l.	Hollow way
Tortula subulata	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground
Weissia controversa	**4**	IT	25.08.12	750 – 990 m a.s.l.	ground

5 Juval, 32T 0651000 5168000
Footpath to Castle Juval; gorge with climbing garden; track from cable car station Unterstell downwards; *Fraxinus ornus – Quercus pubescens* shrub, steppe heath, rock, riverine woodland (*Alnus incana*) and ruderal vegetation; altitudinal range 550 – 790 m a.s.l. and 996 – 1,155 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**5**	IT	30.08.00	550 – 790 m a.s.l.	rock
Aloina rigida	**5**	IT	30.08.00	550 – 790 m a.s.l.	ground
Amblystegium serpens	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground
Anomodon viticulosus	**5**	IT	25.07.01	550 – 790 m a.s.l.	rock
Antitrichia curtipendula	**5**	IT	25.07.01	550 – 790 m a.s.l.	rock
Atrichum undulatum	**5**	IT	26.06.03	550 – 790 m a.s.l.	ground
Brachythecium salebrosum	**5**	IT	29.06.05	550 m a.s.l.	ground
Bryum argenteum	**5**	IT	30.08.00	550 – 790 m a.s.l.	ground
Bryum torquescens	**5**	IT	30.08.00	550 – 790 m a.s.l.	ground
Ceratodon purpureus	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground
Cynodontium polycarpon	**5**	IT	29.06.05	550 m a.s.l.	rock

Didymodon fallax	**5**	IT	29.06.05	550 m a.s.l.	ground
Ditrichum flexicaule	**5**	IT	25.07.01	550 – 790 m a.s.l.	rock
Encalypta vulgaris	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock
Entodon concinnus	**5**	IT	25.07.01	550 – 790 m a.s.l.	ground
Eurhynchium angustirete	**5**	IT	29.06.05	550 m a.s.l.	ground
Fissidens dubius	**5**	IT	25.07.01	550 – 790 m a.s.l.	ground
Frullania dilatata	**5**	IT	30.08.20, 25.08.12	996 – 1,155 m a.s.l.	rock, bark
Frullania tamarisci	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock, bark
Grimmia elatior	**5**	IT	29.06.05	550 m a.s.l.	rock
Grimmia laevigata	**5**	IT	30.08.00, 25.08.12	550 – 790 m a.s.l., 996 – 1,155 m a.s.l.	rock
Hedwigia ciliata	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock
Homalothecium sericeum	**5**	IT	30.08.20, 25.07.01	550 – 790 m a.s.l.	rock
Hypnum cupressiforme	**5**	IT	30.08.00	550 – 790 m a.s.l.	rock, ground
Leptodon smithii	**5**	IT	25.07.01, 29.06.05	550 m a.s.l.	rock
Leucodon sciuroides	**5**	IT	30.08.00	550 – 790 m a.s.l.	rock
Mannia fragrans	**5**	IT	30.08.00	550 – 790 m a.s.l.	steppe heath ground
Neckera complanata	**5**	IT	06.05.01, 25.07.01	550 – 790 m a.s.l.	rock
Orthotrichum alpestre	**5**	IT	29.06.05	550 m a.s.l.	rock
Orthotrichum rupestre	**5**	IT	29.06.05	550 m a.s.l.	rock
Plagiomnium cuspidatum	**5**	IT	25.07.01	550 – 790 m a.s.l.	ground
Pogonatum urnigerum	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground
Pohlia cruda	**5**	IT	29.06.05	550 m a.s.l.	rock
Pohlia nutans	**5**	IT	29.06.05	550 m a.s.l.	rock
Polytrichum piliferum	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground
Porella platyphylla	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock
Pterigynandrum filiforme	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock
Pterogonium gracile	**5**	IT	29.06.05, 25.07.01	550 m a.s.l.	rock
Racomitrium affine	**5**	IT	25.07.01	550 – 790 m a.s.l.	riverbank

Rhynchostegium murale	**5**	IT	29.06.05	550 m a.s.l.	rock
Rhytidium rugosum	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground, rock
Riccia ciliifera	**5**	IT	06.05.01	550 – 790 m a.s.l.	steppe heath, ground
Schistidium apocarpum	**5**	IT	06.05.01	550 – 790 m a.s.l.	rock
Syntrichia ruralis	**5**	IT	06.05.01	550 – 790 m a.s.l.	Hohlweg
Syntrichia sinensis	**5**	IT	25.08.12	996 – 1,155 m a.s.l.	Hohlweg
Tortella tortuosa	**5**	IT	06.05.01, 25.07.01	550 – 790 m a.s.l.	rock
Tortula leucostoma	**5**	IT	06.05.01	550 – 790 m a.s.l.	ground
Tortula muralis	**5**	IT	29.06.05	ca. 550 m a.s.l.	concrete wall
Tortula obtusifolia	**5**	IT	30.08.00, 06.05.01	550 – 790 m a.s.l.	steppe heath, ground

6 Tschars, 32T 0650000 5168000
Trail to castle; Schnalswaal (waal = irrigation canal, partly dry at visit), trail towards Sonnenhof; dry woodland (*Quercus pubescens*), chestnuts (*Castanea sativa*), steppe heath, rock; altitudinal range 790 – 933 m a.s.l. and 820 – 830 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock, ground
Aloina rigida	**6**	IT	06.05.01	790 – 933 m a.s.l.	ground
Amblystegium confervoides	**6**	IT	06.05.01	790 – 933 m a.s.l.	ground
Amblystegium serpens	**6**	IT	30.08.00, 06.05.01, 23.10.11	790 – 933 m a.s.l., 820 – 830 m a.s.l.	ground, rock
Anomodon attenuatus	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Anomodon viticulosus	**6**	IT	30.08.00, 06.05.01	790 – 933 m a.s.l.	rock
Antitrichia curtipendula	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Atrichum undulatum	**6**	IT	01.09.00, 23.10.11	790 – 933 m a.s.l., 820 – 830 m a.s.l.	ground

Barbilophozia barbata	**6**	IT	30.08.00, 04.05.01	790 – 933 m a.s.l.	ground
Bartramia ithiphylla	**6**	IT	06.05.01	790 – 933 m a.s.l.	rock
Brachytheciastrum velutinum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Brachythecium salebrosum	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Bryum argenteum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Bryum capillare	**6**	IT	06.05.01	790 – 933 m a.s.l.	ground
Bryum moravicum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Campylium stellatum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Ceratodon purpureus	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Chiloscyphus pallescens	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Cinclidotus fontinalioides	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Conocephalum conicum	**6**	IT	01.09.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	ground, waal, dry
Cynodontium strumiferum	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Dicranella heteromalla	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Dicranum majus	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Dicranum montanum	**6**	IT	01.09.00	790 – 933 m a.s.l.	bark
Dicranum scoparium	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Encalypta ciliata	**6**	IT	06.05.01	790 – 933 m a.s.l.	rock
Entodon concinnus	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Fissidens crassipes	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Frullania tamarisci	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Grimmia elatior	**6**	IT	23.10.11	820 – 830 m a.s.l.	rock
Grimmia elongata	**6**	IT	06.05.01	790 – 933 m a.s.l.	rock
Grimmia laevigata	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Grimmia longirostris	**6**	IT	23.10.11	820 – 830 m a.s.l.	rock
Grimmia ovalis	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Hedwigia ciliata	**6**	IT	30.08.00, 06.05.01, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock
Homalothecium sericeum	**6**	IT	30.08.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock

Hygroamblystegium fluviatile	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Hygrohypnum duriusculum	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Hylocomium splendens	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Hypnum cupressiforme	**6**	IT	30.08.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock, ground
Leucodon sciuroides	**6**	IT	30.08.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock
Lophocolea minor	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Metzgeria furcata	**6**	IT	30.08.00	790 – 933 m a.s.l.	bark
Mnium marginatum	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Neckera complanata	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Orthotrichum anomalum	**6**	IT	30.08.00, 23.10.11	820 – 830 m a.s.l.	rock
Orthotrichum rupestre	**6**	IT	30.08.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock
Oxyrrhynchium hians	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Pellia epiphylla	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Plagiochila asplenioides	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Plagiochila porelloides	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Plagiomnium affine	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Plagiomnium cuspidatum	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Plagiomnium undulatum	**6**	IT	01.09.00	790 – 933 m a.s.l.	ground
Plagiothecium laetum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Platyhypnidium riparioides	**6**	IT	23.10.11	820 – 830 m a.s.l.	waal, dry
Pleurozium schreberi	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Pogonatum urnigerum	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Polytrichastrum alpinum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Polytrichastrum formosum	**6**	IT	01.09.00	790 – 933 m a.s.l.	ground
Polytrichum juniperinum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Porella platyphylla	**6**	IT	30.08.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	rock
Pseudoleskeella nervosa	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Pterogonium gracile	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground

Racomitrium elongatum	**6**	IT	06.05.01	790 – 933 m a.s.l.	ground
Radula complanata	**6**	IT	30.08.00	790 – 933 m a.s.l.	bark
Rhizomnium punctatum	**6**	IT	01.09.00, 23.10.11	790–933 m a.s.l., 820 – 830 m a.s.l.	ground, waal dry
Rhytidiadelphus triquetrus	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Rhytidium rugosum	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Schistidium rivulare	**6**	IT	23.10.11	820 – 830 m a.s.l.	rock
Syntrichia ruralis	**6**	IT	30.08.00	790 – 933 m a.s.l.	rock
Thuidium assimile	**6**	IT	30.08.00	790 – 933 m a.s.l.	ground
Tortula modica	**6**	IT	06.05.01	790 – 933 m a.s.l.	ground

7 Juval, 32T 0649000 5168000
From Juval path up to Schlossalm, Schnalswaal trail towards Sonnenhof; dry woodland (*Quercus pubescens*), chestnuts (*Castanea sativa*), steppe heath, rock; altitudinal range 980 – 1,300 m a.s.l. and 780 – 820 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	ground
Aloina ambigua	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Amblystegium serpens	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	ground
Amblystegium subtile	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Anomodon attenuatus	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	rock
Anomodon viticulosus	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	rock
Atrichum undulatum	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	ground
Bartramia pomiformis	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Brachytheciastrum velutinum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Brachythecium rivulare	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground

Brachythecium salebrosum	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	waal, dry, ground
Bryoerythrophyllum recurvirostrum	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal dry, ground
Bryum argenteum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Bryum moravicum	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	rock
Bryum pallescens	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Calliergonella cuspidata	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground
Ceratodon purpureus	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Chiloscyphus pallescens	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Cinclidotus fontinaloides	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Cirriphyllum piliferum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Conocephalum conicum	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry, ground
Cynodontium strumiferum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Dicranella heteromalla	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Dicranum scoparium	**7**	IT	26.03.01	980 – 1,300 m a.s.l.	rock, ground
Didymodon ferrugineus	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Fissidens crassipes	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Fissidens taxifolius	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground
Fissidens viridulus	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Frullania dilatata	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Frullania tamarisci	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Grimmia elatior	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Grimmia laevigata	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Grimmia longirostris	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Hedwigia ciliata	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	rock
Homalothecium sericeum	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Hygroamblystegium fluviatile	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Hygrohypnum duriusculum	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Hylocomium splendens	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Hypnum cupressiforme	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	ground

Hypnum revolutum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Isopterygiopsis muelleriana	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Leucodon sciuroides	**7**	IT	24.03.01, 23.10.11	980 – 1,300 m a.s.l., 780 – 820 m a.s.l.	ground
Mannia fragrans	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Mnium marginatum	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry, ground
Neckera complanata	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Orthotrichum anomalum	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Orthotrichum rupestre	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Plagiomnium cuspidatum	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	waal, dry
Platyhypnidium riparioides	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Pleurozium schreberi	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Pogonatum aloides	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Pogonatum urnigerum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Pohlia cruda	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Polytrichastrum formosum	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground
Polytrichum juniperinum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Polytrichum piliferum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Porella platyphylla	**7**	IT	23.10.11	780 – 820 m a.s.l.	rock
Pseudoleskeella nervosa	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	rock
Racomitrium sudeticum	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Radula complanata	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Rhizomnium punctatum	**7**	IT	23.10.11	780 – 820 m a.s.l.	waal, dry
Rhytidiadelphus triquetrus	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Saelania glaucescens	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground
Sanionia uncinata	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Syntrichia norvegica	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground
Syntrichia ruralis	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground
Tortella tortuosa	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	rock
Tortula modica	**7**	IT	24.03.01	980 – 1,300 m a.s.l.	ground

Tortula subulata	**7**	IT	24.03.01, 23.10.11	780 – 820 m a.s.l.	ground
Weissia brachycarpa	**7**	IT	23.10.11	780 – 820 m a.s.l.	ground

8 Tschars, 32T 0648000 5168000
Schnalswaal trail towards Sonnenhof; apple cultures; dry woodland (*Quercus pubescens*), chestnuts, steppe heath, rock; altitudinal range 650 – 780 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**8**	IT	23.10.11	650 – 780 m a.s.l.	ground
Barbula unguiculata	**8**	IT	23.10.11	650 m a.s.l.	orchard
Brachythecium rutabulum	**8**	IT	23.10.11	650 – 780 m a.s.l.	orchard, ground
Brachythecium salebrosum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Bryoerythrophyllum recurvirostrum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Bryum argenteum	**8**	IT	23.10.11	650 m a.s.l.	orchard
Ceratodon purpureus	**8**	IT	23.10.11	650 m a.s.l.	orchard
Chiloscyphus pallescens	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Cinclidotus fontinaloides	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Conocephalum conicum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Dicranella heteromalla	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Didymodon fallax	**8**	IT	23.10.11	650 m a.s.l.	orchard
Didymodon ferrugineus	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Fissidens crassipes	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal
Grimmia elatior	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Grimmia longirostris	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Hedwigia ciliata	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Homalothecium sericeum	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Hygroamblystegium fluviatile	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Hygrohypnum duriusculum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Hypnum cupressiforme	**8**	IT	23.10.11	650 – 780 m a.s.l.	ground

Isopterygiopsis muelleriana	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Leucodon sciuroides	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Mnium marginatum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Orthotrichum anomalum	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Orthotrichum rupestre	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Plagiomnium cuspidatum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Platyhypnidium riparioides	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry
Porella platyphylla	**8**	IT	23.10.11	650 – 780 m a.s.l.	rock
Rhizomnium punctatum	**8**	IT	23.10.11	650 – 780 m a.s.l.	waal, dry

9 Lint, 32T 0651000 5169000
Footpath from Lint towards Katharinaberg; trail from cable car station Unterstell downwards; *Fraxinus ornus* bush; *Larix decidua – Picea abies* woodland, steppe heath, dry meadow, rock (Augengneis), rivers; altitudinal range 780 – 820 m a.s.l., 1,386 – 1,400 m a.s.l. and 1,155 – 1,260 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**9**	IT	27.08.00, 25.07.01	1,465 m a.s.l.	rock
Aloina ambigua	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	dry wall
Amblystegium serpens	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Antitrichia curtipendula	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	rock
Barbula convoluta	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	dry wall
Brachytheciastrum velutinum	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	ground
Bryum argenteum	**9**	IT	27.08.00	1,464 m a.s.l.	ground
Bryum moravicum	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Ceratodon purpureus	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Cinclidotus fontinaloides	**9**	IT	25.08.12	ca. 1,200 m a.s.l.	waal
Cynodontium polycarpon	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	rotten wood
Dicranum scoparium	**9**	IT	27.08.00	1,462 m a.s.l.	ground, rotten wood
Encalypta vulgaris	**9**	IT	27.08.00	1,462 m a.s.l.	rock

Entodon concinnus	**9**	IT	27.08.00, 25.07.01, 25.08.12	1,155 – 1,260 m a.s.l., 1,400 – 1,465 m a.s.l.	ground
Eurhynchiastrum pulchellum	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Fabronia ciliaris	**9**	IT	27.08.00, 25.08.12	1,155 – 1,260 m a.s.l., 1,462 m a.s.l.	rock
Frullania dilatata	**9**	IT	27.08.00, 25.07.01, 25.08.12	1,155 – 1,260 m a.s.l., 1,462 m a.s.l.	rock,bark
Funaria hygrometrica	**9**	IT	27.08.00	1,465 m a.s.l.	ground
Grimmia elatior	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	rock
Grimmia incurva	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	rock
Grimmia laevigata	**9**	IT	27.08.00, 25.07.01, 25.08.12	1,155 – 1,260 m a.s.l., 1,400 – 1,465 m a.s.l., 1477 m a.s.l.	rock
Grimmia ovalis	**9**	IT	27.08.00, 25.07.01	1,400 – 1,465 m a.s.l.	rock
Hedwigia ciliata	**9**	IT	27.08.00, 25.07.01	1,465 m a.s.l.	rock
Homalothecium sericeum	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	rock
Hylocomium splendens	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	ground
Hypnum cupressiforme	**9**	IT	27.08.00	1,465 m a.s.l.	rock
Leucodon sciuroides	**9**	IT	27.08.00, 25.08.12	1,155 – 1,260 m a.s.l., 1,465 m a.s.l.	rock
Mannia fragrans	**9**	IT	06.05.01	1,386 – 1,400 m a.s.l.	ground
Mnium spinulosum	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	ground
Orthotrichum anomalum	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	rock
Orthotrichum rupestre	**9**	IT	27.08.00, 25.07.01	1,400 – 1,465 m a.s.l.	rock
Plagiomnium cuspidatum	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	ground
Pleurozium schreberi	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	ground
Pogonatum urnigerum	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	ground
Pohlia elongata	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Pohlia nutans	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Polytrichum juniperinum	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	ground

Polytrichum piliferum	**9**	IT	27.08.00	1,464 m a.s.l.	ground
Pterigynandrum filiforme	**9**	IT	27.08.00	1,462 m a.s.l.	ground, rotten wood
Pylaisia polyantha	**9**	IT	25.07.01	1,386 – 1,400 m a.s.l.	bark
Racomitrium elongatum	**9**	IT	27.08.00, 25.07.01	1,386 – 1,400 m a.s.l., 1,464 m a.s.l.	ground
Rhytidium rugosum	**9**	IT	27.08.00, 25.08.12	1,155 – 1,260 m a.s.l., 1,464 m a.s.l.	ground
Riccia ciliifera	**9**	IT	27.08.00	1,464 m a.s.l.	ground
Syntrichia ruralis	**9**	IT	27.08.00, 25.08.12	1,155 – 1,260 m a.s.l., 1,465 m a.s.l.	rock
Syntrichia sinensis	**9**	IT	25.08.12	1,155 – 1,260 m a.s.l.	Hohlweg
Tortella tortuosa	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground
Tortula muralis	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	dry wall
Tortula obtusifolia	**9**	IT	27.08.00, 25.08.12	1,155 – 1,260 m a.s.l., 1,400 – 1,465 m a.s.l.	ground, dry wall
Tortula subulata	**9**	IT	27.08.00, 25.07.01	1,400 – 1,465 m a.s.l.	ground
Weissia controversa cf	**9**	IT	27.08.00	1,400 – 1,465 m a.s.l.	ground

10 Innerunterstell, 32T 0650000 5169000
Footpath from Lint towards Innerunterstell, St. Katharinaberg; *Fraxinus ornus* bush; dry *Larix decidua* woodland, steppe heath; altitudinal range 1,400 – 1,460 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**10**	IT	27.08.00	1,435 m a.s.l.	steppe heath ground
Amblystegium serpens	**10**	IT	27.08.00	1,439 m a.s.l., 1,455 m a.s.l.	ground
Anomodon viticulosus	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	rock
Antitrichia curtipendula	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Brachytheciastrum velutinum	**10**	IT	27.08.00	1,439 m a.s.l.	ground
Brachythecium glareosum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Brachythecium rivulare	**10**	IT	27.08.00	1,456 m a.s.l.	river

Brachythecium rutabulum	**10**	IT	04.05.01	1,400 – 1,460 m a.s.l.	ground
Brachythecium salebrosum	**10**	IT	27.08.00	1,436 m a.s.l.	ground
Bryum argenteum	**10**	IT	27.08.00	1,439 m a.s.l., 1,476 m a.s.l.	ground
Bryum moravicum	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	ground
Bryum pseudotriquetrum	**10**	IT	27.08.00	1,439 m a.s.l., 1,476 m a.s.l.	wet ground
Cephalozia bicuspidata	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	ground
Cephaloziella divaricata	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	ground
Ceratodon purpureus	**10**	IT	27.08.00	1,439 m, 1,455 m, 1,476 m a.s.l.	ground
Conocephalum conicum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Cratoneuron filicinum	**10**	IT	27.08.00	1,439 m a.s.l., 1,476 m a.s.l.	spring, river
Dicranum scoparium	**10**	IT	27.08.00	1,455 m a.s.l.	ground, rock
Encalypta vulgaris	**10**	IT	27.08.00	1,439 m a.s.l.	rock
Entodon concinnus	**10**	IT	27.08.00	1,476 m a.s.l.	steppe heath ground
Eucladium verticillatum	**10**	IT	27.08.00	1,439 m a.s.l.	spring
Eurhynchiastrum pulchellum	**10**	IT	27.08.00	1,439 m a.s.l.	ground
Eurhynchium angustirete	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Fabronia ciliaris	**10**	IT	27.08.00	1,439 m a.s.l.	rock
Frullania dilatata	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Funaria hygrometrica	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Grimmia laevigata	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	rock
Grimmia longirostris	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Hedwigia ciliata	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Homalothecium lutescens	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	rock
Hypnum cupressiforme	**10**	IT	27.08.00	1,436 m a.s.l., 1,455 m a.s.l.	ground, rock
Leucodon sciuroides	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Mannia fragrans	**10**	IT	27.08.00	1,439 m a.s.l.	steppe heath ground
Mnium thomsonii	**10**	IT	27.08.00	1,436 m a.s.l.	ground
Orthotrichum affine	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	bark
Orthotrichum lyellii	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	bark
Orthotrichum rupestre	**10**	IT	27.08.00	1,439 m a.s.l.	rock
Palustriella commutata	**10**	IT	27.08.00	1,439 m a.s.l.	spring

Pellia neesiana	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Phascum cuspidatum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Philonotis fontana	**10**	IT	27.08.00	1,476 m a.s.l.	spring
Physcomitrium pyriforme	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Plagiomnium cuspidatum	**10**	IT	27.08.00	1,439 m a.s.l., 1,463 m a.s.l.	shady ground
Plagiomnium ellipticum	**10**	IT	27.08.00	1,476 m a.s.l.	shady ground
Plagiomnium medium	**10**	IT	27.08.00	1,460 m a.s.l.	shady ground
Plagiomnium undulatum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Platygyrium repens	**10**	IT	27.08.00	1,455 m a.s.l.	twig
Pleurozium schreberi	**10**	IT	27.08.00	1,436 m a.s.l.	ground
Pogonatum urnigerum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Pohlia cruda	**10**	IT	27.08.00	1,439 m a.s.l.	shady ground
Pohlia nutans	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	ground
Polytrichum juniperinum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Polytrichum piliferum	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	steppe heath ground
Porella cordeana	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	rock
Porella platyphylla	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Pterigynandrum filiforme	**10**	IT	27.08.00	1,455 m a.s.l.	rock
Ptilidium pulcherrimum	**10**	IT	27.08.00	ca. 1,476 m a.s.l.	
Racomitrium elongatum	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	ground
Racomitrium ericoides	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Rhytidium rugosum	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	steppe heath ground
Riccia ciliifera	**10**	IT	27.08.00	1,439 m a.s.l.	steppe heath ground
Schistidium dupretii	**10**	IT	27.08.00	1,436 m a.s.l.	rock
Syntrichia ruralis	**10**	IT	27.08.00	1,400 – 1,460 m a.s.l.	rock
Tortella tortuosa	**10**	IT	27.08.00	1,436 m a.s.l.	rock
Tortula modica	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Tortula subulata	**10**	IT	06.05.01	1,400 – 1,460 m a.s.l.	ground
Weissia controversa	**10**	IT	27.08.00	1,439 m a.s.l.	rock

11 Ladurner, 32T 0649000 5169000
Along dead end road to Ladurner property; *Larix decidua*-dominated woodland, rock; altitudinal range 770 – 780 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground dry
Amblystegium serpens	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Anomodon attenuatus	**11**	IT	26.04.02	770 – 780 m a.s.l.	rock
Antitrichia curtipendula	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Brachytheciastrum velutinum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Bryum alpinum	**11**	IT	06.05.01	770 – 780 m a.s.l.	wet rock
Bryum argenteum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Bryum moravicum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Ceratodon purpureus	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Dicranum scoparium	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Encalypta streptocarpa	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Encalypta vulgaris	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Entodon concinnus	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground dry
Eurhynchiastrum pulchellum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Frullania dilatata	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Grimmia longirostris	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Hedwigia ciliata	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Hylocomium splendens	**11**	IT	27.08.00	770 – 780 m a.s.l.	ground
Hypnum cupressiforme	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground, rock
Leucodon sciuroides	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Mannia fragrans	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground dry
Neckera complanata	**11**	IT	27.08.00	770 – 780 m a.s.l.	rock
Neckera crispa	**11**	IT	27.08.00	770 – 780 m a.s.l.	rock
Orthotrichum rupestre	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Plagiomnium cuspidatum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Plagiomnium medium	**11**	IT	04.05.01	770 – 780 m a.s.l.	ground
Pleurozium schreberi	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground

Pogonatum urnigerum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Polytrichum piliferum	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Porella platyphylla	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Pterigynandrum filiforme	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock
Rhytidium rugosum	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground dry
Riccia ciliifera	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground dry
Syntrichia ruralis	**11**	IT	06.05.01	770 – 780 m a.s.l.	ground
Tortella tortuosa	**11**	IT	06.05.01	770 – 780 m a.s.l.	rock

12 Juval, 32T 0648000 5169000
From Castle Juval path up to Schlossalm; *Larix decidua*-dominated woodland, pasture, rock; altitudinal range 1,350 – 1,700 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Antitrichia curtipendula	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Apometzgeria pubescens	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Atrichum undulatum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Aulacomnium androgynum	**12**	IT	24.03.01	ca. 1,600 m a.s.l.	rock
Aulacomnium palustre	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	wet ground
Bartramia halleriana	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Bartramia ithiphylla	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Brachytheciastrum velutinum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Bryum moravicum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Ceratodon purpureus	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Cynodontium polycarpon	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Dicranum montanum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rotten wood
Dicranum scoparium	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock, ground
Encalypta ciliata	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Eurhynchiastrum pulchellum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock

Frullania dilatata	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Grimmia elatior	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Hedwigia ciliata	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Hylocomium splendens	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Hypnum cupressiforme	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock, ground
Isopterygiopsis muelleriana	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Leucodon sciuroides	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Lophozia longidens	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rotten wood
Mnium hornum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Neckera complanata	**12**	IT	24.03.01	1,650 m a.s.l.	rock
Orthotrichum affine	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	bark
Paraleucobryum longifolium	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Plagiomnium affine	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Plagiomnium cuspidatum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Pleurozium schreberi	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Pohlia cruda	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Polytrichum juniperinum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Polytrichum piliferum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Pterigynandrum filiforme	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Ptilidium pulcherrimum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	bark, *Larix*
Ptilium crista–castrensis	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Radula complanata	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	rock
Rhytidiadelphus triquetrus	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Rhytidium rugosum	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground, rock
Sanionia uncinata	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground
Syntrichia ruralis	**12**	IT	24.03.01	1,350 – 1,700 m a.s.l.	ground

13 Altratheis, 32T 0649000 5170000
Shortly after Innerunterstell; along waal trail and from Altratheis towards Juval; *Larix decidua – Picea abies* dominated woodland, mixed woodland, rock; altitudinal range 1,436 – 1,470 m a.s.l. and 856 – 880 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**13**	IT	27.08.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Amblystegium serpens	**13**	IT	27.08.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l., 1488 m a.s.l.	rock
Amblystegium subtile	**13**	IT	27.08.00, 27.04.02	1,436 – 1,470 m a.s.l., 856 – 880 m a.s.l.	ground
Anomodon attenuatus	**13**	IT	27.08.00, 27.04.02	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Anomodon viticulosus	**13**	IT	27.08.00	856 – 880 m a.s.l.	rock
Antitrichia curtipendula	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Apometzgeria pubescens	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Atrichum undulatum	**13**	IT	01.09.00	856 – 880 m a.s.l.	ground
Barbilophozia barbata	**13**	IT	27.08.00, 27.04.02	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground
Bartramia halleriana	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Bartramia pomiformis	**13**	IT	04.05.01	856 – 880 m a.s.l.	ground
Brachythecium salebrosum	**13**	IT	27.08.00, 27.04.02	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground
Bryum argenteum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Bryum moravicum	**13**	IT	27.08.00, 27.04.02	1,436 – 1,470 m a.s.l., 856 – 880 m a.s.l.	ground
Calliergonella cuspidata	**13**	IT	04.05.01	856 – 880 m a.s.l.	wet ground
Ceratodon purpureus	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Climacium dendroides	**13**	IT	04.05.01	856 – 880 m a.s.l.	wet ground
Conocephalum conicum	**13**	IT	01.09.00	856 – 880 m a.s.l.	shady ground
Cynodontium polycarpon	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Dicranodontium denudatum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rotten wood
Dicranum montanum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rotten wood
Dicranum scoparium	**13**	IT	27.08.00, 04.05.01	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground

Encalypta ciliata	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Eurhynchiastrum pulchellum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Frullania dilatata	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Grimmia laevigata	**13**	IT	27.08.00	1,470–1,436 m a.s.l.	rock
Grimmia longirostris	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Hedwigia ciliata	**13**	IT	27.08.00, 01.09.00	856 – 880m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Homalia trichomanoides	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Homalothecium lutescens	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Homalothecium sericeum	**13**	IT	27.08.00	856 – 880 m a.s.l.	rock
Hylocomium splendens	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground
Hypnum cupressiforme	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Hypnum revolutum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Isothecium alopecuroides	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock, bark
Lejeunea cavifolia	**13**	IT	04.05.01	856 – 880 m a.s.l.	bark
Leucodon sciuroides	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	rock
Lophocolea minor	**13**	IT	27.04.02	856 – 880 m a.s.l.	rock
Metzgeria conjugata	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Metzgeria furcata	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	bark
Mnium marginatum	**13**	IT	27.04.02	856 – 880 m a.s.l.	ground
Neckera complanata	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	shady rock
Neckera crispa	**13**	IT	01.09.00	856 – 880 m a.s.l.	rock
Orthotrichum affine	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	twig
Orthotrichum anomalum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Orthotrichum striatum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	twig
Oxyrrhynchium hians	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Plagiomnium affine	**13**	IT	27.04.02	856 – 880 m a.s.l.	ground
Plagiomnium cuspidatum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Plagiomnium undulatum	**13**	IT	01.09.00	856 – 880 m a.s.l.	ground

Plagiopus oederianus	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Plagiothecium denticulatum	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Platygyrium repens	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	twig
Pleurozium schreberi	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Pogonatum urnigerum	**13**	IT	01.09.00	856 – 880 m a.s.l.	ground
Pohlia cruda	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Polytrichastrum formosum	**13**	IT	04.05.01	856 – 880 m a.s.l.	ground
Porella platyphyllla	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	twig
Pseudoleskeella nervosa	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Pterigynandrum filiforme	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	rock
Pylaisia polyantha	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	twig
Racomitrium elongatum	**13**	IT	04.05.01	856 – 880 m a.s.l.	rock
Radula complanata	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Rhytidiadelphus triquetrus	**13**	IT	27.08.00, 01.09.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground
Rhytidium rugosum	**13**	IT	27.08.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground, rock
Sanionia uncinata	**13**	IT	04.05.01	856 – 880 m a.s.l.	ground
Syntrichia ruralis	**13**	IT	27.08.00	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground, rock
Thamnobryum alopecurum	**13**	IT	01.09.00	856 – 880 m a.s.l.	ground shady
Thuidium assimile	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Tortella tortuosa	**13**	IT	27.04.02	856 – 880 m a.s.l., 1,436 – 1,470 m a.s.l.	ground
Tortula subulata	**13**	IT	27.08.00	1,436 – 1,470 m a.s.l.	ground
Tritomaria quinquedentata	**13**	IT	04.05.01	856 – 880 m a.s.l.	ground

14 Altratheis, 32T 0648000 5170000
Around Altratheis, woodland with great blocks and rock shelters ("resting place"); (from Juval path up to Schlossalm) then down to Altratheis; *Alnus incana* dominated slope, mixed woodland, rock, river bank; altitudinal range ca. 880 – 900 m a.s.l. and 850 – 1,200 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Amblystegium serpens	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Amblystegium subtile	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Anomodon attenuatus	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Anomodon viticulosus	**14**	IT	24.03.01	ca. 880 – 900 m a.s.l.	rock
Antitrichia curtipendula	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Apometzgeria pubescens	**14**	IT	04.05.01	ca. 880 m a.s.l.	rock
Atrichum undulatum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Barbilophozia barbata	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Bartramia halleriana	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Bartramia pomiformis	**14**	IT	01.09.00, 04.05.01	ca. 880 – 900 m a.s.l.	ground
Brachytheciastrum velutinum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Brachythecium rivulare	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Brachythecium rutabulum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Brachythecium salebrosum	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Bryum alpinum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Bryum argenteum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Bryum moravicum	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Cirriphyllum piliferum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Climacium dendroides	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	wet ground
Conocephalum conicum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Dicranum scoparium	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground, rock
Grimmia trichophylla	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Hedwigia ciliata	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Homalia trichomanoides	**14**	IT	04.05.01	ca. 880 m a.s.l.	rock
Homalothecium lutescens	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock

Homalothecium sericeum	**14**	IT	27.06.03	ca. 880 – 900 m a.s.l.	rock
Hylocomium splendens	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Hypnum cupressiforme	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground, rock
Hypnum revolutum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Isopterygiopsis pulchella	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Isothecium alopecuroides	**14**	IT	01.09.00, 27.04.02	ca. 880 – 900 m a.s.l.	rock
Lejeunea cavifolia	**14**	IT	01.09.00, 04.05.01	ca. 880 – 900 m a.s.l.	bark
Leucodon sciuroides	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Lophocolea bidentata	**14**	IT	01.09.00, 27.06.03	ca. 880 – 900 m a.s.l.	ground
Lophocolea minor	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Metzgeria conjugata	**14**	IT	04.05.01	ca. 880 m a.s.l.	bark
Metzgeria furcata	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	bark
Mnium marginatum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Mnium thomsonii	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Neckera complanata	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock, bark
Neckera crispa	**14**	IT	01.09.00	ca. 900 m a.s.l.	rock
Oxyrrhynchium hians	**14**	IT	27.06.03	ca. 880 – 900 m a.s.l.	ground
Plagiochila asplenioides	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Plagiochila porelloides	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Plagiomnium affine	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	ground
Plagiomnium cuspidatum	**14**	IT	01.09.00, 27.06.03	ca. 880 – 900 m a.s.l.	ground
Plagiomnium undulatum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Pleurozium schreberi	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Pogonatum urnigerum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Pohlia cruda	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Polytrichastrum formosum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Polytrichum piliferum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Porella platyphylla	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Pseudoleskeella nervosa	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock

Pseudoscleropodium purum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Pterigynandrum filiforme	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	rock
Pylaisia polyantha	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	twig
Radula complanata	**14**	IT	04.05.01	ca. 880 m a.s.l.	bark
Rhizomnium punctatum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Rhytidium rugosum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground dry
Sciuro-hypnum populeum	**14**	IT	01.08.17	ca. 878 m a.s.l.	boulder at river bank
Syntrichia ruralis	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Thamnobryum alopecurum	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground shady
Thuidium assimile	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Tortella tortuosa	**14**	IT	27.04.02	ca. 880 – 900 m a.s.l.	rock
Tortula subulata	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	ground
Ulota crispa	**14**	IT	01.09.00	ca. 880 – 900 m a.s.l.	bark

15 Unterperfl, 32T 0648000 5171000
Trail at Unterperfl; mixed woodland – *Larix decidua*, *Populus tremula*, *Laserpitium latifolium*, rock; altitudinal range ca. 1,360 – 1,420 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**15**	IT	27.08.00	1,418 m a.s.l., 1,392 m a.s.l.	ground dry
Amblystegium serpens	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l., 1,518 m a.s.l.	ground
Amblystegium subtile	**15**	IT	27.08.00	1,392 m a.s.l.	ground
Anastrophyllum minutum	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Andreaea rupestris	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Anomodon viticulosus	**15**	IT	27.08.00	ca. 1,420–1,360 m a.s.l.	rock
Antitrichia curtipendula	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	rock
Apometzgeria pubescens	**15**	IT	27.08.00	1,392 m a.s.l., 1,462 m a.s.l.	rock
Atrichum undulatum	**15**	IT	27.08.00	1,400 m a.s.l.	ground
Bartramia halleriana	**15**	IT	27.08.00	1,392 m a.s.l., 1,400 m a.s.l., 1,518 m a.s.l.	rock

Bartramia ithiphylla	**15**	IT	27.08.00	1,392 m a.s.l., 1,400 m a.s.l.	rock
Brachytheciastrum velutinum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Brachythecium rutabulum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Bryum argenteum	**15**	IT	27.08.00	1,388 m a.s.l., 1,392 m a.s.l., 1,400 m a.s.l.	ground
Bryum moravicum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Calliergonella cuspidata	**15**	IT	27.08.00	1,418 m a.s.l.	wet ground
Ceratodon purpureus	**15**	IT	27.08.00	1,388 m a.s.l., 1,392 m a.s.l.	ground
Cirriphyllum piliferum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Cynodontium polycarpon	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Cynodontium strumiferum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Dicranum montanum	**15**	IT	27.08.00	1,402 m a.s.l.	bark
Dicranum scoparium	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	ground
Diplophyllum taxifolium	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Encalypta ciliata	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Entodon concinnus	**15**	IT	27.08.00	1,400 m a.s.l.	ground
Eurhynchiastrum pulchellum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Fabronia ciliaris	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l., 1,518 m a.s.l.	rock
Frullania dilatata	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Frullania tamarisci	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Funaria hygrometrica	**15**	IT	27.08.00	1,388 m a.s.l.	
Grimmia funalis	**15**	IT	27.08.00	1,392 m a.s.l., 1,418 m a.s.l.	rock
Grimmia laevigata	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Hedwigia ciliata	**15**	IT	27.08.00	1,392 m a.s.l., 1,418 m a.s.l.	rock
Homalothecium sericeum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Hylocomium splendens	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	ground
Hypnum cupressiforme	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	ground
Hypnum revolutum	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Isothecium alopecuroides	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Lejeunea cavifolia	**15**	IT	04.05.01	ca. 1,360 – 1,420 m a.s.l.	bark
Leucodon sciuroides	**15**	IT	27.08.00	1,392 m a.s.l.	rock

Lophozia longidens	**15**	IT	27.08.00	1,392 m a.s.l., 1,462 m a.s.l.	bark
Metzgeria conjugata	**15**	IT	04.05.01	ca. 1,360 – 1,420 m a.s.l.	bark
Neckera complanata	**15**	IT	27.08.00	1,400 m a.s.l.	rock shady
Orthotrichum cupulatum	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Oxyrrhynchium hians	**15**	IT	27.08.00	1,418 m a.s.l.	ground
Paraleucobryum longifolium	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Plagiomnium cuspidatum	**15**	IT	27.08.00	1,392 m a.s.l., 1,518 m a.s.l.	ground
Plagiomnium ellipticum	**15**	IT	27.08.00	1,402 m a.s.l.	ground
Plagiomnium undulatum	**15**	IT	27.08.00	1,392 m a.s.l.	ground
Plagiopus oederianus	**15**	IT	04.05.01	ca. 1,360 – 1,420 m a.s.l.	rock
Plagiothecium denticulatum	**15**	IT	27.08.00	1,400 m a.s.l.	grouund
Pleurozium schreberi	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l., 1,418 m a.s.l.	ground
Pogonatum urnigerum	**15**	IT	27.08.00	1,400 m a.s.l.	ground
Pohlia cruda	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Pohlia elongata	**15**	IT	27.08.00	1,400 m a.s.l., 1,518 m a.s.l.	roadbank
Pohlia nutans	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Polytrichum piliferum	**15**	IT	27.08.00	1,392 m a.s.l.	rock
Porella cordeana	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Pseudoleskeella nervosa	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock
Pterigynandrum filiforme	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l., 1,518 m a.s.l.	rock
Radula complanata	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	bark
Rhytidiadelphus triquetrus	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	grond
Rhytidium rugosum	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l., 1,418 m a.s.l.	ground
Riccia ciliifera	**15**	IT	27.08.00	1,392 m a.s.l.	ground dry
Sanionia uncinata	**15**	IT	27.08.00	1,392 m a.s.l.	ground
Scapania curta	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	wet ground
Syntrichia norvegica	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Syntrichia ruralis	**15**	IT	27.08.00	1,392 m a.s.l., 1,402 m a.s.l.	ground
Thuidium assimile	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Tortella tortuosa	**15**	IT	27.08.00	1,402 m a.s.l.	rock
Tortula canescens	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground

Tortula leucostoma	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Tortula obtusifolia	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	ground
Tortula subulata	**15**	IT	27.08.00	1,392 m a.s.l.	ground
Weissia controversa	**15**	IT	27.08.00	ca. 1,360 – 1,420 m a.s.l.	rock

16 Neuratheis, 32T 0647000 5171000
Below Neuratheis and trail into gorge; mixed woodland – *Betula pendula*, *Corylus avellana*, *Lonicera xylosteum*, meadow, rock, river bank; altitudinal range ca. 960 – 980 m a.s.l. and 1,270 – 1,363 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Amblystegium serpens	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Andreaea rupestris	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Anomodon viticulosus	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Antitrichia curtipendula	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Apometzgeria pubescens	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Atrichum undulatum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Barbilophozia barbata	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Bartramia halleriana	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Brachytheciastrum velutinum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Brachythecium rivulare	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	spring
Brachythecium salebrosum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Bryum moravicum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Bryum pseudotriquetrum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	spring
Ceratodon purpureus	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Cirriphyllum piliferum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Climacium dendroides	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	wet ground
Conocephalum conicum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Cratoneuron filicinum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	spring

Cynodontium polycarpon	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Dicranum montanum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	bark
Dicranum scoparium	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Entodon concinnus	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Frullania dilatata	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	bark, rock
Grimmia elatior	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Grimmia ovalis	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Hedwigia ciliata	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Homalothecium sericeum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Hylocomium splendens	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Hypnum cupressiforme	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Leucodon sciuroides	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Mnium spinosum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Mnium thomsonii	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Neckera complanata	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Neckera crispa	**16**	IT	28.08.00	ca. 960 – 980 m a.s.l.	shady rock
Oligotrichum hercynicum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	ground
Orthotrichum rupestre	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Oxyrrhynchium hians	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Palustriella commutata	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	spring
Plagiochila asplenioides	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Plagiochila porelloides	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Plagiomnium cuspidatum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	ground
Plagiomnium undulatum	**16**	IT	28.08.00	ca. 960 – 980 m a.s.l.	rock
Pogonatum aloides	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Pogonatum urnigerum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Pohlia cruda	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Pohlia elongata	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Polytrichastrum alpinum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Polytrichum juniperinum	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Polytrichum piliferum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock

Porella platyphylla	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Pseudoleskeella nervosa	**16**	IT	21.04.04	1,270 – 1,363 m a.s.l.	ground
Pterigynandrum filiforme	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	rock
Rhizomnium punctatum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	spring
Rhytidiadelphus triquetrus	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	ground
Rhytidium rugosum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Scapania nemorea	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	wet ground
Sciuro-hypnum glaciale	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Syntrichia ruralis	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	shady rock
Thuidium assimile	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground
Thuidium delicatulum	**16**	IT	01.09.00	ca. 960 – 980 m a.s.l.	rock
Tortula subulata	**16**	IT	28.06.05	1,270 – 1,363 m a.s.l.	ground

17 Katharinaberg, 32T 0648000 5172000
Katharinaberg, Höhenweg, Unterperfl; dry *Larix decidua* woodland, block scree mixed woodland – *Betula pendula*, *Corylus avellana*, *Prunus mahaleb*, *Juniperus communis*, *Juniperus sabina*, *Fraxinus ornus*, meadow, rock, river bank; altitudinal range 980 – 1,245 m a.s.l. and 1,245 – 1,412 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**17**	IT	27.08.00	1,412 m a.s.l.	rock, ground
Amblystegium confervoides	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Amblystegium serpens	**17**	IT	27.08.00	1,245 – 1,412 m a.s.l.	rock
Anastrophyllum minutum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Andreaea rupestris	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Anomodon attenuatus	**17**	IT	04.05.01	ca.1,412 m a.s.l.	rock
Antitrichia curtipendula	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Apometzgeria pubescens	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Atrichum undulatum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Barbilophozia lycopodioides	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Bartramia ithiphylla	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock

Brachytheciastrum velutinum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Brachythecium rutabulum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Brachythecium salebrosum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Bryum argenteum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Bryum moravicum	**17**	IT	27.08.00	1,412 m a.s.l.	ground
Cephaloziella divaricata	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Ceratodon purpureus	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Cirriphyllum piliferum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Conocephalum conicum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Coscinodon cribrosus	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Cynodontium polycarpon	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Cynodontium strumiferum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Dicranoweisia crispula	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Dicranum montanum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rotten wood
Dicranum muehlenbeckii	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Dicranum scoparium	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Didymodon luridus	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Entodon concinnus	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Fabronia ciliaris	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Frullania dilatata	**17**	IT	27.08.00	1,412 m a.s.l.	bark
Frullania tamarisci	**17**	IT	27.08.00	1,412 m a.s.l.	bark
Grimmia elatior	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Grimmia funalis	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Grimmia laevigata	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Grimmia trichophylla	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Hedwigia ciliata	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Heterocladium dimorphum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Homalothecium sericeum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Hylocomium splendens	**17**	IT	27.08.00	1,412 m a.s.l.	ground
Hypnum cupressiforme	**17**	IT	27.08.00	1,412 m a.s.l.	rock

Hypnum revolutum	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Leucodon sciuroides	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Neckera complanata	**17**	IT	04.05.01	ca.1,412 m a.s.l.	rock
Orthotrichum affine	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Orthotrichum rupestre	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Paraleucobryum longifolium	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Plagiochila porelloides	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Plagiomnium affine	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Plagiomnium cuspidatum	**17**	IT	27.08.00	1,412 m a.s.l.	ground
Plagiothecium denticulatum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Pleurozium schreberi	**17**	IT	27.08.00	1,305 m a.s.l.	ground
Pogonatum urnigerum	**17**	IT	27.08.00	1,245 – 1,412 m a.s.l.	ground
Pohlia cruda	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Pohlia elongata	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Polytrichastrum alpinum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Polytrichum juniperinum	**17**	IT	23.03.01	1,245 – 1,412 m a.s.l.	ground
Polytrichum piliferum	**17**	IT	27.08.00	1,245 – 1,412 m a.s.l.	rock
Porella cordeana	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Porella platyphylla	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Pseudoleskea radicosa	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Pterigynandrum filiforme	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Racomitrium affine	**17**	IT	22.08.00	1,245 – 1,412 m a.s.l.	rock
Racomitrium elongatum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Racomitrium fasciculare	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Radula complanata	**17**	IT	27.08.00	1,412 m a.s.l.	bark
Rhabdoweisia fugax	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Rhizomnium punctatum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Rhytidiadelphus triquetrus	**17**	IT	27.08.00	1,305 m a.s.l.	ground
Rhytidium rugosum	**17**	IT	27.08.00	1,412 m a.s.l.	rock, ground
Sanionia uncinata	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Schistidium apocarpum	**17**	IT	22.08.00	1,412 – 1,245 m a.s.l.	rock

Schistidium papillosum	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rock
Syntrichia norvegica	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Syntrichia ruralis	**17**	IT	27.08.00	1,412 m a.s.l.	rock
Tetraphis pellucida	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	rotten wood
Thuidium assimile	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground
Tortella tortuosa	**17**	IT	27.08.00	1,245 – 1,412 m a.s.l.	ground
Tortula leucostoma	**17**	IT	22.08.00	980 – 1,245 m a.s.l.	ground

18 Katharinaberg, 32T 0647000 5172000
Katharinaberg village and below Katharinaberg – along road after tunnel and near Neuratheis; woodland and boulders, *Corylus avellana*, *Larix decidua*, *Betula pendula*, *Fraxinus excelsior*, rock; altitudinal range 1,245 m a.s.l. and 1,050 – 1,060 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	ground, open dry, rock
Amblystegium serpens	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	ground, wood
Amblystegium subtile	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Andreaea rupestris	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Anomodon attenuatus	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Anomodon viticulosus	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Antitrichia curtipendula	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	rock
Atrichum undulatum	**18**	IT	27.08.00	1,245 m a.s.l.	ground
Barbilophozia hatcheri	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Bartramia halleriana	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Bartramia ithiphylla	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Blasia pusilla	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Brachytheciastrum velutinum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Brachythecium glareosum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock

Brachythecium rivulare	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Bryum argenteum	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Bryum moravicum	**18**	IT	22.08.00, 21.04.04	1,050 – 1,060 m a.s.l.	ground
Ceratodon purpureus	**18**	IT	21.04.04	1,000 m a.s.l.	ground, open dry
Climacium dendroides	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	wet ground
Conocephalum conicum	**18**	IT	21.04.04	1,000 m a.s.l.	ground, wood
Coscinodon cribrosus	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Dicranum montanum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	bark
Dicranum scoparium	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock, ground
Ditrichum flexicaule	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Encalypta ciliata	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Entodon concinnus	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	ground, open dry
Frullania fragilifolia	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock, bark
Funaria hygrometrica	**18**	IT	21.04.04	1,000 m a.s.l.	ground
Grimmia elatior	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Grimmia laevigata	**18**	IT	27.08.00	1,245 m a.s.l.	rock
Grimmia longirostris	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Hedwigia ciliata	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Homalothecium sericeum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Hypnum cupressiforme	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Hypnum revolutum	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Lejeunea cavifolia	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Leucodon sciuroides	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	rock
Lophocolea minor	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Metzgeria furcata	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Neckera complanata	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Neckera crispa	**18**	IT	04.05.01	1,050 – 1,060 m a.s.l.	rock
Orthotrichum anomalum	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock

Plagiomnium affine	**18**	IT	27.08.00	1,245 m a.s.l.	ground
Plagiomnium cuspidatum	**18**	IT	22.08.00	1,245 m a.s.l.	ground
Pogonatum aloides	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Pogonatum urnigerum	**18**	IT	21.04.04	1,000 m a.s.l.	ground, wood
Polytrichum piliferum	**18**	IT	21.04.04	1,000 m a.s.l.	ground, rock, humus
Porella platyphylla	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Pseudoleskeella nervosa	**18**	IT	21.04.04	1,000 m a.s.l.	rock
Pterigynandrum filiforme	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock
Radula complanata	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rock, bark
Rhytidiadelphus triquetrus	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Rhytidium rugosum	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	ground, rock, humus
Schistidium papillosum	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Syntrichia ruralis	**18**	IT	22.08.00, 21.04.04	1,000 m a.s.l., 1,245 m a.s.l.	ground, rock, humus
Tetraphis pellucida	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	rotten wood
Thuidium assimile	**18**	IT	28.06.05	1,050 – 1,060 m a.s.l.	ground
Tortella tortuosa	**18**	IT	22.08.00	1,245 m a.s.l.	rock
Tortula subulata	**18**	IT	22.08.00	1,245 m a.s.l.	rock

19 Neuratheis, 32T 0647000 5173000
At Neuratheis and Karthaus towards Neuratheis; mixed woodland and boulders, rock; altitudinal range 960 – 980 m a.s.l. and ca. 960 – 1,000 m a.s.l. and 1,050 – 1,140 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock, ground, steep slope
Amblystegium serpens	**19**	IT	27.08.00	960 – 980 m a.s.l.	ground
Amblystegium subtile	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Anomodon attenuatus	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock
Anomodon viticulosus	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock
Antitrichia curtipendula	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Atrichum undulatum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Barbilophozia hatcheri	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Blasia pusilla	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Brachytheciastrum velutinum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Brachythecium glareosum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Brachythecium rutabulum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Bryum moravicum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Ceratodon purpureus	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Conocephalum conicum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Dicranum scoparium	**19**	IT	24.07.01	ca. 1,000 – 960 m a.s.l.	rock
Grimmia laevigata	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock
Hedwigia ciliata	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Homalothecium sericeum	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Hylocomium splendens	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Hypnum cupressiforme	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Isopterygiopsis muelleriana	**19**	IT	04.05.01	ca. 1,000 – 960m a.s.l.	ground
Leucodon sciuroides	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Mnium thomsonii	**19**	IT	24.07.01	ca. 1,000 – 960 m a.s.l.	rock
Neckera complanata	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock

Orthotrichum rupestre	**19**	IT	27.08.00 28.06.05	960 – 980 m a.s.l., 1,050 – 1,140 m a.s.l.	rock
Oxyrrhynchium hians	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Plagiochila asplenioides	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Plagiomnium affine	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Plagiomnium cuspidatum	**19**	IT	24.07.01, 28.06.05	1,050 – 1,140 m a.s.l.	ground
Pleurozium schreberi	**19**	IT	27.08.00	960 – 980 m a.s.l.	rock
Pogonatum aloides	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Pogonatum urnigerum	**19**	IT	24.07.01	ca. 1,000 – 960 m a.s.l.	ground
Pohlia elongata	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Polytrichum juniperinum	**19**	IT	24.07,01, 28.06.05	1,050 – 1,140 m a.s.l.	ground
Porella platyphylla	**19**	IT	27.08.00 28.06.05	960 – 980 m a.s.l., 1,050 – 1,140 m a.s.l.	rock
Pseudoleskeella nervosa	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock
Pterigynandrum filiforme	**19**	IT	24.07.01	ca. 1,000 – 960 m a.s.l.	rock
Radula complanata	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock, bark
Rhizomnium punctatum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Rhytidiadelphus triquetrus	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground
Rhytidium rugosum	**19**	IT	27.08.00	960 – 980 m a.s.l.	ground, steep slope
Schistidium apocarpum	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	rock
Syntrichia ruralis	**19**	IT	27.08.00 28.06.05	960 – 980 m a.s.l., 1,050 – 1,140 m a.s.l.	rock
Thuidium assimile	**19**	IT	28.06.05	1,050 – 1,140 m a.s.l.	ground

20 Burghof, 32T 0646000 5173000
At Burghof towards Grubhof and Karthaus towards Neuratheis, up leading path from Karthaus and gorge at Rangghof; mixed woodland and *Larix decidua* dominated woodland, boulders, meadow, pasture, rock, river bank; altitudinal range 1,299 – 1,303 m a.s.l. and ca. 1,050 – 1,150 m a.s.l., at path ca. 1,500 m a.s.l., gorge ca. 1,087 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**20**	IT	22.08.00	1,299 – 1,303 m a.s.l.	rock, ground, steep slope
Amblystegium serpens	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	ground
Andreaea rupestris	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Antitrichia curtipendula	**20**	IT	22.08.00	1,303 m a.s.l.	rock
Atrichum undulatum	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Barbilophozia barbata	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Bartramia halleriana	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Bartramia ithiphylla	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Blasia pusilla	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Brachytheciastrum velutinum	**20**	IT	24.07.01, 28.06.05	ca. 1,200 m a.s.l.	ground
Brachythecium glareosum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Brachythecium rivulare	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Brachythecium rutabulum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Bryum capillare	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Bryum moravicum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Bryum pseudotriquetrum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	spring
Ceratodon purpureus	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Climacium dendroides	**20**	IT	26.06.05	ca. 1,500 m a.s.l.	wet ground
Conocephalum conicum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Coscinodon cribrosus	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Cratoneuron filicinum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	river bank
Cynodontium polycarpon	**20**	IT	22.08.00	1,299 – 1,303 m a.s.l.	ground
Dicranella grevilleana	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Dicranum montanum	**20**	IT	29.06.05	1,087 m a.s.l.	bark
Dicranum scoparium	**20**	IT	22.08.00	1,299 – 1,303 m a.s.l.	rock

Ditrichum flexicaule	**20**	IT	29.06.05	1,087 m a.s.l.	rock
Encalypta ciliata	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Frullania dilatata	**20**	IT	22.08.00	1,299 – 1,303 m a.s.l.	rock
Frullania tamarisci	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Grimmia hartmannii	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Grimmia laevigata	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Grimmia ovalis	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Hedwigia ciliata	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Homalothecium sericeum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Hylocomium splendens	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Hypnum cupressiforme	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Hypnum revolutum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Lejeunea cavifolia	**20**	IT	04.05.01	ca. 1,050 – 1,150 m a.s.l.	bark
Leptobryum pyriforme	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Leucodon sciuroides	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Mnium stellare	**20**	IT	24.07.01	ca. 1,500 m a.s.l.	ground
Neckera complanata	**20**	IT	29.06.05	1,087 m a.s.l.	rock
Oligotrichum hercynicum	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	ground
Orthotrichum rupestre	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Palustriella commutata	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	wet ground
Paraleucobryum enerve	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Paraleucobryum longifolium	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Plagiochila asplenioides	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Plagiochila porelloides	**20**	IT	29.06.05	1,087 m a.s.l.	ground
Plagiomnium affine	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	ground
Plagiomnium cuspidatum	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	ground
Plagiomnium undulatum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Pleurozium schreberi	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Pogonatum urnigerum	**20**	IT	22.08.00	1,299 m a.s.l.	trackside
Pohlia cruda	**20**	IT	26.06.05	ca. 1,500 m a.s.l.	ground
Pohlia elongata	**20**	IT	22.08.00, 24.07.01	1,299 m a.s.l.	ground

Pohlia nutans	**20**	IT	22.08.00	1,299 – 1,303 m a.s.l.	ground
Polytrichastrum alpinum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Polytrichum juniperinum	**20**	IT	29.06.05	1,087 m a.s.l.	ground
Polytrichum piliferum	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Pterigynandrum filiforme	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Pylaisia polyantha	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	bark
Racomitrium elongatum	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	rock
Rhizomnium punctatum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Rhytidiadelphus triquetrus	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Rhytidium rugosum	**20**	IT	22.08.00	1,299 m a.s.l.	ground
Sanionia uncinata	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	ground
Schistidium papillosum	**20**	IT	28.06.05	ca. 1,200 m a.s.l.	rock
Syntrichia ruralis	**20**	IT	22.08.00	1,299 m a.s.l.	rock
Tetraphis pellucida	**20**	IT	29.06.05	1,087 m a.s.l.	rotten wood
Thuidium assimile	**20**	IT	29.06.05	1,087 m a.s.l.	ground
Tortula subulata	**20**	IT	24.07.01	ca. 1,050 – 1,150 m a.s.l.	ground
Tritomaria quinquedentata	**20**	IT	04.05.01	ca. 1,050 – 1,150 m a.s.l.	ground

21 Klosteralm, 32T 0645000 5173000
Country road up to Klosteralm; road bank and *Larix decidua*-dominated woodland; altitudinal range ca. 1,500 – 1,980 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Bartramia halleriana	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Ceratodon purpureus	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Cynodontium polycarpon	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Dicranella grevilleana	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	road bank
Dicranodontium denudatum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	road bank
Dicranum montanum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	bark

Dicranum scoparium	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Ditrichum heteromallum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Grimmia elatior	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Hylocomium splendens	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Plagiothecium denticulatum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Pleurozium schreberi	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Pogonatum aloides	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	road bank
Pogonatum urnigerum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	trackside
Pohlia elongata	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Polytrichastrum alpinum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Polytrichum juniperinum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Polytrichum piliferum	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Pterigynandrum filiforme	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rock
Ptilium crista–castrensis	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Rhabdoweisia fugax	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	bank
Rhytidiadelphus triquetrus	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	ground
Schistostega pennata	**21**	IT	26.06.05	ca. 1,980 m a.s.l.	soil overhang, bank
Tetraphis pellucida	**21**	IT	26.06.05	ca. 1,500 – 1,980 m a.s.l.	rotten wood

22 Klosteralm, 32T 0645000 5172000
Country road up to Klosteralm; road bank and *Larix decidua* – *Pinus cembra*-dominated woodland, alpine pasture with boulders; altitudinal range ca. 1,980 – 2,300 m a.s.l., Klosteralm 2,152 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Anthelia juratzkana	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	snow patch
Aulacomnium palustre	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Barbilophozia hatcheri	**22**	IT	26.06.05	ca. 2,300 m a.s.l.	ground
Barbilophozia lycopodioides	**22**	IT	26.06.05	ca. 2,300 m a.s.l.	ground

Bartramia ithiphylla	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Blindia acuta	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet rock
Bryum moravicum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Bryum pseudotriquetrum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Calypogeia fissa	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Campylium stellatum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Cephalozia bicuspidata	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Ceratodon purpureus	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Cinclidium stygium	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Cynodontium strumiferum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Dicranoweisia crispula	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Dicranum bonjeanii	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock, ground
Dicranum majus	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Dicranum polysetum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Dicranum scoparium	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Diplophyllum albicans	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Diplophyllum taxifolium	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Fissidens osmundioides	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Grimmia incurva	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Grimmia longirostris	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Gymnomitrion concinnatum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Heterocladium dimorphum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Hylocomium splendens	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Kiaeria falcata	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Marsupella commutata	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Odontoschisma elongatum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Oligotrichum hercynicum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Oncophorus virens	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Paraleucobryum enerve	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Philonotis fontana	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	wet ground
Pleurozium schreberi	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock

Pogonatum aloides	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bank
Pogonatum urnigerum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	trackside
Pohlia cruda	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Pohlia nutans	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Polytrichastrum alpinum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Polytrichastrum formosum	**22**	IT	26.06.05	ca. 2,300 m a.s.l.	silicate rock (shist)/gravel
Polytrichum juniperinum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Polytrichum piliferum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Polytrichum strictum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Pseudoleskea radicosa	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Racomitrium elongatum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Racomitrium lanuginosum	**22**	IT	26.06.05	ca. 2,300 m a.s.l.	silicate rock (shist)/gravel
Racomitrium macounii	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Racomitrium sudeticum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	rock
Rhytidiadelphus triquetrus	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Sanionia uncinata	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Scapania curta	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Scapania uliginosa	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Sphagnum capillifolium	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Sphagnum falax	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Sphagnum russowii	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Sphagnum warnstorfii	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Straminergon stramineum	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog
Tritomaria exsecta	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	ground
Warnstorfia sarmentosa	**22**	IT	26.06.05	ca. 1,980 – 2,300 m a.s.l.	bog

23 Klosteralm, 32T 0645000 5171000
Klosteralm to Saxalbersee; alpine pasture with boulders, swampy, lake shore; altitudinal range ca. 2,240 – 2,550 m a.s.l., Saxalbersee 2,460 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Anastrophyllum minutum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Andreaea rupestris	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	rock
Anthelia juratzkana	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	snow patch
Aulacomnium palustre	**23**	IT	26.06.05	ca. 2,460 m a.s.l.	wet ground
Barbilophozia floerkei	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Barbilophozia hatcheri	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Bartramia halleriana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Bartramia ithiphylla	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Bartramia subulata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Blindia acuta	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	wet rock
Brachytheciastrum velutinum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Bryum pseudotriquetrum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	wetland
Calypogeia neesiana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Campylium stellatum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	wet ground
Conostomum tetragonum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Coscinodon cribrosus	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Cynodontium strumiferum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Dicranella grevilleana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Dicranoweisia crispula	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Dicranum bonjeanii	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Dicranum scoparium	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	rock
Diplophyllum taxifolium	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Encalypta ciliata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Encalypta microstoma	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Encalypta rhaptocarpa	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Eurhynchiastrum pulchellum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground

Grimmia donniana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Grimmia incurva	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Gymnomitrion concinnatum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Heterocladium dimorphum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Hygrohypnum duriusculum	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	river
Hylocomium splendens	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Kiaeria blyttii	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Kiaeria falcata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Lophozia sudetica	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Lophozia ventricosa	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Marsupella alpina	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Marsupella commutata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Mielichhoferia elongata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Odontoschisma elongatum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Oligotrichum hercynicum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Oncophorus virens	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	wetland
Palustriella commutata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Paraleucobryum enerve	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	ground
Philonotis fontana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	river
Philonotis seriata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	river
Pleurocladula albescens	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	snow patch
Pleurozium schreberi	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	rock
Pogonatum urnigerum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	trackside
Pohlia annotina agg.	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Pohlia cruda	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Pohlia elongata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Pohlia ludwigii	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Pohlia nutans	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Polytrichastrum alpinum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Polytrichastrum sexangulare	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	snow patch
Polytrichum juniperinum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground

Polytrichum piliferum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Pseudoleskea patens	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Pterigynandrum filiforme	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Racomitrium affine	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	wet rock
Racomitrium elongatum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Racomitrium fasciculare	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Racomitrium heterostichum agg.	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Racomitrium lanuginosum	**23**	IT	26.06.05	ca. 2,470 m a.s.l.	ground
Rhabdoweisia fugax	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Rhytidium rugosum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Sanionia uncinata	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Scapania subalpina	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Scapania uliginosa	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Scorpidium revolvens	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Sphagnum capillifolium	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Sphagnum warnstorfii	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog
Splachnum sphaericum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	dropping
Straminergon stramineum	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	wet ground
Syntrichia norvegica	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Syntrichia ruralis	**23**	IT	26.06.05	ca. 2,550 m a.s.l.	ground
Tayloria froehlichiana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	soil
Tortella fragilis	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	rock
Tortula hoppeana	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	ground
Warnstorfia exannulata	**23**	IT	26.06.05	ca. 2,240 – 2,550 m a.s.l.	bog

24 Karthaus, 32T 0646000 5174000
Karthaus village; southern below village towards Neuratheis; and opposite of Karthaus, beginning of Pfossental; open *Larix* woodland with boulders and moist places, *Sambucus racemosa*, *Poa nemoralis*, *Alnus incana*; mixed woodland, *Corylus avellana*, *Larix decidua*, *Picea abies*, *Pteridium aquilinum*, *Berberis vulgaris*, *Juniperus communis*, *Juniperus sabina* rock partly shaded, pasture/meadow, field borders, rocks, cliffs, river bank; altitudinal range ca. 1,250 – 1,280 m a.s.l. and 1,160 – 1,320 m a.s.l., Karthaus village 1,327 m a.s.l.; church 1,307 m a.s.l., river ca. 1,090 – 1,103 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, pasture, meadow, rock
Amblystegium serpens	**24**	IT	22.08.00, 20.10.04	1,307 m a.s.l., 1,380 m a.s.l., 1,307 m a.s.l.	ground, rock, wall
Amblystegium subtile	**24**	IT	22.08.00, 23.04.04	1,380 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, rotten wood
Amphidium mougeotii	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	rock
Andreaea rupestris	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Aneura pinguis	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	wet ground, spring
Anomodon attenuatus	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Anomodon viticulosus	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Antitrichia curtipendula	**24**	IT	22.08.00	1,307 m a.s.l.	rock
Apometzgeria pubescens	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Atrichum undulatum	**24**	IT	05.05.01, 23.04.04	1,160 – 1,320 m a.s.l.	ground, wood, meadow, pasture
Barbilophozia barbata	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood, meadow, pasture
Barbilophozia hatcheri	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Bartramia halleriana	**24**	IT	22.08.00, 23.04.04	1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Bartramia ithiphylla	**24**	IT	05.05.01	ca. 1,280 m a.s.l.	rock
Blasia pusilla	**24**	IT	29.06.05	1,090 m a.s.l.	river bank
Brachytheciastrum velutinum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood
Brachythecium glareosum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood
Brachythecium rivulare	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	river bank
Brachythecium rutabulum	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	ground
Brachythecium salebrosum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood

Bryum capillare	**24**	IT	04.05.01	1,160 – 1,320 m a.s.l.	ground
Bryum moravicum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood
Bryum pseudotriquetrum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	wet ground, spring
Calypogeia neesiana	**24**	IT	22.08.00	1,277 m a.s.l.	ground
Campylium stellatum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	wet ground, spring
Campylopus fragilis	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Cephalozia bicuspidata	**24**	IT	22.08.00	1,277 m a.s.l.	ground
Ceratodon purpureus	**24**	IT	05.05.01, 23.04.04	1,160 – 1,320 m a.s.l.	ground, rock, open places
Cirriphyllum piliferum	**24**	IT	22.08.00	1,315 m a.s.l.	ground
Climacium dendroides	**24**	IT	22.08.00	ca. 1,300 m a.s.l.	ground
Conocephalum conicum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood margin
Coscinodon cribrosus	**24**	IT	24.07.01, 23.04.04	1,160 – 1,320 m a.s.l.	rock
Cratoneuron filicinum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	wet ground, spring
Cynodontium polycarpon	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Cynodontium strumiferum	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Dicranodontium denudatum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Dicranoweisia crispula	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Dicranum montanum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	bark conifer
Dicranum scoparium	**24**	IT	22.08.00, 23.04.04	1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, rock, woodland
Distichium inclinatum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Ditrichum flexicaule	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Encalypta ciliata	**24**	IT	04.05.01, 24.07.01	1,160 – 1,320 m a.s.l.	rock
Encalypta streptocarpa	**24**	IT	29.06.05	1,327 m a.s.l.	wall
Entodon concinnus	**24**	IT	24.07.01, 23.04.04	1,160 – 1,320 m a.s.l.	meadow and pasture, rock
Eurhynchium angustirete	**24**	IT	06.05.01	ca. 1,280 m a.s.l.	ground
Fabronia ciliaris	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Frullania dilatata	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Frullania tamarisci	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock

Funaria hygrometrica	**24**	IT	23.04.04, 20.10.04	1,160 – 1,320 m a.s.l.	open place, arable field, wall of cemetery
Grimmia elatior	**24**	IT	24.07.01, 23.04.04	1,160 – 1,320 m a.s.l.	rock
Grimmia elongata	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia hartmannii	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia longirostris	**24**	IT	23.04.04, 24.07.01	1,160 – 1,320 m a.s.l., ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia orbicularis	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia ovalis	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia pulvinata	**24**	IT	29.06.05	1,327 m a.s.l.	wall
Grimmia reflexidens	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Grimmia trichophylla	**24**	IT	22.08.00	1,310 m a.s.l.	rock
Hedwigia ciliata	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Homalothecium sericeum	**24**	IT	24.07.01, 23.04.04	1,160 – 1,320 m a.s.l.	rock
Hylocomium splendens	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, wood, rock
Hypnum cupressiforme	**24**	IT	22.08.00, 23.04.04	1,310 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, rock, bark, wood
Hypnum revolutum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Isothecium alopecuroides	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Lejeunea cavifolia	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	bark
Lepidozia reptans	**24**	IT	22.08.00	1,282 m a.s.l.	ground
Leucodon sciuroides	**24**	IT	22.08.00, 23.04.04	1,380 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Marchantia polymorpha	**24**	IT	22.08.00	1,315 m a.s.l.	ground
Metzgeria furcata	**24**	IT	22.08.00	1,277 m a.s.l.	rock
Mnium lycopodioides	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, meadow, pasture
Mnium stellare	**24**	IT	22.08.00	1,277 m a.s.l.	ground
Mnium thomsonii	**24**	IT	14.07.01	ca. 1,280 – 1,250 m a.s.l.	ground
Neckera complanata	**24**	IT	22.08.00, 23.04.04, 24.07.01	ca. 1,300 m a.s.l., 1,271 m a.s.l., 1,160 – 1,320 m a.s.l.	rock

Oligotrichum hercynicum	**24**	IT	22.08.00	1,282 m a.s.l.	ground
Orthotrichum rupestre	**24**	IT	22.08.00, 23.04.04	1,310 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, rock
Palustriella commutata	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	wet ground, spring
Paraleucobryum longifolium	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Philonotis fontana	**24**	IT	29.06.05	1,090 m a.s.l.	river bank
Plagiochila asplenioides	**24**	IT	22.08.00	1,271 m a.s.l.	rock, ground
Plagiochila porelloides	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood margin
Plagiomnium affine	**24**	IT	22.08.00	1,315 m a.s.l.	ground
Plagiomnium cuspidatum	**24**	IT	22.08.00, 24.07.01	ca. 1,300 m a.s.l.	ground
Plagiomnium ellipticum	**24**	IT	22.08.00	ca. 1,300 m a.s.l.	ground
Plagiomnium medium	**24**	IT	22.08.00	ca. 1,300 m a.s.l.	ground
Plagiothecium cavifolium	**24**	IT	22.08.00	1,307 m a.s.l.	rock
Plagiothecium denticulatum	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	ground
Plagiothecium laetum	**24**	IT	22.08.00	ca. 1,300 m a.s.l.	ground
Pleurozium schreberi	**24**	IT	22.08.00, 23.04.04	1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, wood margin, rock
Pogonatum aloides	**24**	IT	05.05.01, 23.04.04	ca. 1,280 m a.s.l., 1,160 – 1,320 m a.s.l.	shady open ground
Pogonatum urnigerum	**24**	IT	22.08.00, 23.04.04	1,282 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, wood margin
Pohlia annotina agg.	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	river bank
Pohlia cruda	**24**	IT	22.08.00, 24.07.01	1,307 m a.s.l., 1,277 m a.s.l.	rock, ground
Pohlia drummondii	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	river bank
Pohlia elongata	**24**	IT	22.08.00	1,282 m a.s.l.	ground
Polytrichastrum formosum	**24**	IT	22.08.00	ca. 1,300 m a.s.l.	ground
Polytrichum piliferum	**24**	IT	22.08.00	1,282 m a.s.l.	rock
Porella cordeana	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Porella platyphylla	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Pseudoleskeella nervosa	**24**	IT	22.08.00, 24.07.01, 23.04.04	1,380 m a.s.l., 1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	rock

Pseudotaxiphyllum elegans	**24**	IT	22.08.00	1,160 – 1,320 m a.s.l.	rock
Pseudotaxiphyllum elegans	**24**	IT	22.08.00	ca.1,300 m a.s.l.	ground
Pterigynandrum filiforme	**24**	IT	22.08.00, 23.04.04	1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Racomitrium affine	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	rock
Racomitrium elongatum	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	dry ground, meadow, pasture
Racomitrium heterostichum agg.	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Radula complanata	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	bark, rock
Rhytidiadelphus triquetrus	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, wood margin
Rhytidium rugosum	**24**	IT	05.05.01, 23.04.04	1,160 – 1,320 m a.s.l.	dry ground, meadow, pasture
Saelania glaucescens	**24**	IT	22.08.00	1,271 m a.s.l.	ground
Sanionia uncinata	**24**	IT	22.08.00, 23.04.04	1,271 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, wood margin, rock
Schistidium apocarpum	**24**	IT	22.08.00, 23.04.04	1,315 m a.s.l., 1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	rock
Schistidium elegantulum	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	rock
Schistidium papillosum	**24**	IT	29.06.05	ca. 1,090 m a.s.l.	rock
Syntrichia ruralis	**24**	IT	22.08.00, 23.04.04	1,307 m a.s.l., 1,160 – 1,320 m a.s.l.	ground, meadow, pasture, rock
Tetraphis pellucida	**24**	IT	22.08.00, 23.04.04	1,271 m a.s.l., 1,160 – 1,320 m a.s.l.	decaying wood
Thuidium assimile	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood margin
Tortella tortuosa	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	rock
Tortula mucronifolia	**24**	IT	24.07.01	ca. 1,280 – 1,250 m a.s.l.	ground
Tortula subulata	**24**	IT	04.05.01, 24.07.01	1,160 – 1,320 m a.s.l.	ground
Tritomaria quinquedentata	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	ground, wood margin
Weissia brachycarpa	**24**	IT	23.04.04	1,160 – 1,320 m a.s.l.	shady ground

25 Karthaus, 32T 0645000 5174000
At Karthaus village and path above village; open *Larix* woodland, shady moist boulders, *Populus tremula*, *Betula pendula*, *Lonicera nigra*; altitudinal range ca. 1,337 – 1,586 m a.s.l. and 1,333 – 1,400 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	ground
Amblystegium confervoides	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Amblystegium serpens	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Amblystegium subtile	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Anastrophyllum minutum	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	rock
Andreaea rupestris	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	rock
Antitrichia curtipendula	**25**	IT	23.08.00	1,543, 1,586 m a.s.l.	rock
Apometzgeria pubescens	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Barbilophozia barbata	**25**	IT	23.08.00	1,523 m a.s.l.	ground
Barbilophozia hatcheri	**25**	IT	23.08.00	1,523 m a.s.l.	ground
Bartramia halleriana	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Bartramia ithiphylla	**25**	IT	23.08.00	1,485 m a.s.l.	trackside
Blasia pusilla	**25**	IT	23.08.00	1,523 m a.s.l.	trackside
Blepharostoma trichophyllum	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Brachytheciastrum velutinum	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Brachythecium rutabulum	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Bryum capillare	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Bryum moravicum	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Calypogeia neesiana	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Cephalozia bicuspidata	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Ceratodon purpureus	**25**	IT	23.08.00	1,485 m a.s.l.	trackside
Cirriphyllum piliferum	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Climacium dendroides	**25**	IT	23.08.00	1,485 m a.s.l.	wet ground
Cynodontium strumiferum	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Dicranella crispa	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Dicranoweisia crispula	**25**	IT	23.08.00	1,485 m a.s.l.	rock

Dicranum scoparium	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Diplophyllum taxifolium	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Encalypta ciliata	**25**	IT	23.08.00	1,437 m a.s.l.	rock
Eurhynchiastrum pulchellum	**25**	IT	23.08.00	1,523 m a.s.l.	ground
Frullania tamarisci	**25**	IT	04.05.01	1,437 – 1,485 m a.s.l.	rock
Hedwigia ciliata	**25**	IT	23.08.00	1,485 m, 1,523 m, 1,543 m, 1,586 m a.s.l.	rock
Heterocladium dimorphum	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Hylocomium splendens	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	rock
Hypnum cupressiforme	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	rock
Isopterygiopsis pulchella	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Isothecium alopecuroides	**25**	IT	23.08.00	1,543 m a.s.l.	rock
Lepidozia reptans	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Leucodon sciuroides	**25**	IT	23.08.00	1,543 m a.s.l., 1,586 m a.s.l.	rock
Lophocolea minor	**25**	IT	23.08.00	1,823 m a.s.l.	ground
Lophozia longidens	**25**	IT	23.08.00	1,485 m a.s.l.	rotten wood
Metzgeria furcata	**25**	IT	04.05.01	1,437 – 1,485 m a.s.l.	bark
Mnium stellare	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Oligotrichum hercynicum	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	trackside
Paraleucobryum longifolium	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Pellia neesiana	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Plagiochila asplenioides	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Plagiochila porelloides	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Plagiomnium cuspidatum	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Pleurozium schreberi	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Pogonatum aloides	**25**	IT	23.08.00	1,543 m a.s.l.	trackside
Pogonatum urnigerum	**25**	IT	23.08.00	1,485 m a.s.l.	trackside
Pohlia cruda	**25**	IT	23.08.00	1,485 m a.s.l., 1,523 m a.s.l.	ground
Pohlia elongata	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	trackside
Pohlia proligera	**25**	IT	23.08.00; 25.07.01	1,333 – 1,400 m a.s.l.	trackside
Polytrichastrum alpinum	**25**	IT	23.08.00	1,523 m a.s.l.	rock
Polytrichum piliferum	**25**	IT	23.08.00	1,485 m a.s.l.	rock

Pseudoleskeella nervosa	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Pterigynandrum filiforme	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	rock
Ptilium crista–castrensis	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Radula complanata	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Rhizomnium punctatum	**25**	IT	23.08.00	1,437 m a.s.l.	ground
Rhytidiadelphus squarrosus	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Rhytidiadelphus triquetrus	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	ground
Rhytidium rugosum	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	ground dry
Sanionia uncinata	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	ground
Scapania curta	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Scapania mucronata	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Syntrichia ruralis	**25**	IT	25.07.01	1,333 – 1,400 m a.s.l.	ground
Thuidium assimile	**25**	IT	23.08.00	1,437 m a.s.l., 1,485 m a.s.l.	ground
Tortella tortuosa	**25**	IT	23.08.00	1,485 m a.s.l.	rock
Tortula subulata	**25**	IT	23.08.00	1,485 m a.s.l.	ground
Tritomaria exsectiformis	**25**	IT	23.08.00	1,485 m a.s.l.	ground

26 Penaudtal, 32T 0644000 5174000
Country road leading up to Penaudalm near Karthaus; open *Larix* woodland, damp, *Populus tremula*, *Betula pendula*, boulders, road and river banks; altitudinal range 1,600 – 1,720 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**26**	IT	25.08.00	1,690 m a.s.l.	rock, river bank
Amphidium mougeotii	**26**	IT	25.08.00	1,690 m a.s.l.	rock, river bank
Anastrophyllum minutum	**26**	IT	25.08.00	1,620 m, 1,623 m, 1,637 m, 1,639 m a.s.l.	ground
Andreaea rupestris	**26**	IT	25.08.00; 18.09.01	1,608 m a.s.l., 1,637 m a.s.l., 1,620 – 1,720 m a.s.l.	rock
Antitrichia curtipendula	**26**	IT	25.08.00	1,621 m, 1,640 m, 1,650 m, 1,657 m a.s.l.	rock
Barbilophozia hatcheri	**26**	IT	25.08.00	1,613 m a.s.l., 1,639 m a.s.l.	ground
Barbilophozia lycopodioides	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Bartramia halleriana	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Bartramia ithiphylla	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	trackside
Blasia pusilla	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l. trackside	river bank
Blepharostoma trichophyllum	**26**	IT	25.08.00	1,621 m a.s.l.	ground
Blindia acuta	**26**	IT	25.08.00	1,690 m a.s.l.	rock, river bank
Brachytheciastrum velutinum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Brachythecium salebrosum	**26**	IT	25.08.00	1,690 m a.s.l.	ground
Bryoerythrophyllum alpigenum	**26**	IT	25.08.00	1,690 m a.s.l.	bank
Bryum pallens	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	wet place
Bryum pseudotriquetrum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	spring
Calliergonella cuspidata	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	wet place
Calypogeia muelleriana	**26**	IT	25.08.00	1,622 m a.s.l.	bank
Cephalozia bicuspidata	**26**	IT	25.08.00	1,658 m a.s.l.	bank
Ceratodon purpureus	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	bank
Cirriphyllum piliferum	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	ground
Conocephalum conicum	**26**	IT	25.08.00	1,690 m a.s.l.	ground
Cratoneuron filicinum	**26**	IT	25.08.00	1,681 m a.s.l.	river bank
Cynodontium polycarpon	**26**	IT	25.08.00	1,650 m a.s.l.	rock
Cynodontium strumiferum	**26**	IT	25.08.00	1,616 m a.s.l.	rock

Dicranella heteromalla	**26**	IT	25.08.00	1,617 m a.s.l., 1,639 m a.s.l.	bank
Dicranodontium denudatum	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rotten wood
Dicranoweisia crispula	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rock
Dicranum bonjeanii	**26**	IT	12.09.01	1,600 – 1,720 m a.s.l.	rock
Dicranum montanum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	bark
Dicranum scoparium	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Diphyscium foliosum	**26**	IT	25.08.00	1,619 m a.s.l.	trackside
Diplophyllum albicans	**26**	IT	25.08.00	1,639 m a.s.l.	track bank
Diplophyllum obtusifolium	**26**	IT	25.08.00	1611 m a.s.l.	track bank
Diplophyllum taxifolium	**26**	IT	25.08.00	1,617 m a.s.l., 1,620 m a.s.l.	track bank
Ditrichum heteromallum	**26**	IT	25.08.00	1,622 m a.s.l.	track bank
Frullania tamarisci	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	bark, rock
Hedwigia ciliata	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Hylocomium splendens	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Hypnum cupressiforme	**26**	IT	25.08.00, 18.09.01	1,622 m a.s.l., 1,600 – 1,720 m a.s.l., 1,620 – 1,720 m a.s.l.	rock
Hypnum revolutum	**26**	IT	18.09.01	1,620 – 1,720 m a.s.l.	rock
Isothecium alopecuroides	**26**	IT	18.09.01	1,670 m a.s.l.	rock, bark
Leucodon sciuroides	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rock
Lophozia incisa	**26**	IT	25.08.00	1,617 m, 1,621 m, 1,639 m a.s.l.	bank
Lophozia sudetica	**26**	IT	25.08.00	1,622 m a.s.l., 1,647 m a.s.l.	ground
Lophozia ventricosa	**26**	IT	25.08.00	1,622 m a.s.l., 1,647 m a.s.l.	ground
Marchantia polymorpha	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Marsupella emarginata	**26**	IT	25.08.00	1,619 m a.s.l.	rock
Mnium thomsonii	**26**	IT	25.08.00	1,690 m a.s.l.	ground, river bank
Odontoschisma elongatum	**26**	IT	25.08.00	1,637 m a.s.l.	bank
Oligotrichum hercynicum	**26**	IT	25.08.00	1,637 m a.s.l.	trackside
Paraleucobryum longifolium	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rock
Philonotis seriata	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	river bank
Plagiochila porelloides	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Plagiomnium affine	**26**	IT	18.09.01	1,690 m a.s.l.	ground
Plagiomnium cuspidatum	**26**	IT	25.08.00	1,690 m a.s.l.	ground

Pleurozium schreberi	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Pogonatum aloides	**26**	IT	25.08.00	1,623 m a.s.l.	trackside
Pogonatum urnigerum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	trackside
Pohlia elongata	**26**	IT	25.08.00	1,621 m a.s.l.	trackside
Pohlia proligera	**26**	IT	25.08.00	1,628 m a.s.l.	ground
Polytrichastrum alpinum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Polytrichum piliferum	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rock
Pterigynandrum filiforme	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Ptilium crista–castrensis	**26**	IT	25.08.00	1,628 m a.s.l.	ground
Racomitrium elongatum	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	ground
Racomitrium heterostichum agg.	**26**	IT	25.08.00	1,608 m a.s.l.	ground
Rhizomnium magnifolium	**26**	IT	25.08.00	1,681 m a.s.l.	wet ground
Rhizomnium punctatum	**26**	IT	25.08.00	1,681 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	ground
Rhytidium rugosum	**26**	IT	25.08.00	1,600 – 1,720 m a.s.l.	rock
Sanionia uncinata	**26**	IT	25.08.00	1,681 m a.s.l.	ground
Scapania calcicola	**26**	IT	25.08.00, 12.09.01	1,668 m a.s.l., 1,600 – 1,720 m a.s.l.	roadbank
Scapania curta	**26**	IT	25.08.00	1,672 m a.s.l.	roadbank
Scapania uliginosa	**26**	IT	25.08.00	1,692 m a.s.l.	wet place, river bank
Sphagnum quinquefarium	**26**	IT	25.08.00	1,620 m, 1,622 m, 1,623 m, 1,637 m a.s.l.	bank
Sphagnum subnitens	**26**	IT	25.08.00	1,622 m a.s.l.	wet place
Syntrichia ruralis	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	ground
Tetraphis pellucida	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rotten wood
Tortella tortuosa	**26**	IT	18.09.01	1,600 – 1,720 m a.s.l.	rock
Tritomaria quinquedentata	**26**	IT	25.08.00	1,637 m a.s.l.	bank

27 Penaudtal, 32T 0644000 5173000
Country road leading up to Penaudalm above Karthaus; open *Larix* woodland, boulder, road and river banks; altitudinal range 1,720 – 1,860 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Andreaea rupestris	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Barbilophozia lycopodioides	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Ceratodon purpureus	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	bank
Dicranoweisia crispula	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Dicranum scoparium	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Grimmia elatior	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Hedwigia ciliata	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Hylocomium splendens	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Hypnum cupressiforme	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Paraleucobryum longifolium	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Pleurozium schreberi	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Pogonatum urnigerum	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	trackside
Polytrichastrum alpinum	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Polytrichum juniperinum	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	stump
Polytrichum piliferum	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Pterigynandrum filiforme	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rock
Ptilium crista–castrensis	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Racomitrium elongatum	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Racomitrium lanuginosum	**27**	IT	18.09.01	1,850 m a.s.l.	ground
Sanionia uncinata	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Sphagnum capillifolium	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	wet ground
Syntrichia ruralis	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	ground
Tetraphis pellucida	**27**	IT	18.09.01	1,720 – 1,860 m a.s.l.	rotten wood

28 Penaudtal, 32T 0643000 5173000
Country road leading up to Penaudalm; open *Larix* woodland, boulders; altitudinal range 1,860 – 1,880 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Andreaea rupestris	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Bartramia halleriana	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Ceratodon purpureus	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	bank
Climacium dendroides	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	wet place
Cynodontium polycarpon	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Dicranoweisia crispula	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Dicranum scoparium	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Grimmia longirostris	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Hedwigia ciliata	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Hylocomium splendens	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Hypnum cupressiforme	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Pleurozium schreberi	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	ground
Pogonatum urnigerum	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	trackside
Polytrichastrum alpinum	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Polytrichum piliferum	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock
Ptilidium ciliare	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	ground
Rhytidium rugosum	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	rock, ground
Sanionia uncinata	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	ground
Splachnum sphaericum	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	dung
Syntrichia norvegica	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	ground
Syntrichia ruralis	**28**	IT	18.09.01	1,860 – 1,880 m a.s.l.	ground

29 Penaudtal, 32T 0643000 5172000
Country road leading up to Penaudalm; open *Larix* woodland, boulders; altitudinal range 1,860 – 2,075 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Barbilophozia lycopodioides	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Bartramia ithiphylla	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Bryum pseudotriquetrum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wet ground
Ceratodon purpureus	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	bank
Dichodontium palustre	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	bog
Dicranella subulata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Dicranodontium denudatum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rotten wood
Dicranoweisia crispula	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Dicranum polysetum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Dicranum scoparium	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Diplophyllum taxifolium	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Ditrichum flexicaule	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Encalypta ciliata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Grimmia elatior	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Hedwigia ciliata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Hylocomium splendens	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Hypnum cupressiforme	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Lescuraea saxicola	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Oligotrichum hercynicum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Palustriella commutata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wet ground
Paraleucobryum longifolium	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Philonotis seriata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wet ground
Pleurozium schreberi	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Pogonatum urnigerum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	trackside
Pohlia wahlenbergii var. *glacialis*	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Polytrichastrum alpinum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock

Polytrichum juniperinum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Polytrichum piliferum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Pterigynandrum filiforme	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock
Ptilidium ciliare	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Ptilidium pulcherrimum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rotten wood
Ptilium crista–castrensis	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Racomitrium elongatum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Rhizomnium magnifolium	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wetland
Rhytidiadelphus triquetrus	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Rhytidium rugosum	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	rock, ground
Sanionia uncinata	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	ground
Sphagnum girgensohnii	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wetland
Sphagnum teres	**29**	IT	18.09.01	1,860 – 2,075 m a.s.l.	wetland

30 Penaudtal, 32T 0643000 5171000
Country road leading up to Penaudalm; open *Larix* woodland, *Alnus incana*, alpine pasture; altitudinal range 2,075 – 2,200 m a.s.l.

species	**square number**	**counry**	**date**	**elevation**	**substrate/habitat**
Aulacomnium palustre	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	wet ground
Bartramia ithiphylla	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Bryum pseudotriquetrum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	bogy place
Bryum weigelii	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	bogy place
Ceratodon purpureus	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	bank
Climacium dendroides	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	bogy place
Dicranoweisia crispula	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Dicranum scoparium	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Grimmia elatior	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	ground
Hylocomium splendens	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock

Oligotrichum hercynicum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	ground
Pleurozium schreberi	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	ground
Pogonatum urnigerum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	trackside
Polytrichastrum alpinum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Polytrichum piliferum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	rock
Racomitrium elongatum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	ground
Rhytidiadelphus triquetrus	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	ground
Sphagnum capillifolium	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	wetland
Sphagnum girgensohnii	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	wetland
Sphagnum warnstorfii	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	wetland
Splachnum sphaericum	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	dung
Warnstorfia fluitans	**30**	IT	18.09.01	2,075 – 2,200 m a.s.l.	wet ground

31 Penaudtal, 32T 0642000 5171000
Country road leading up to Penaudalm; open *Larix* woodland, *Alnus incana*, alpine pasture; altitudinal range 2,200 – 2,320 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Aulacomnium palustre	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Barbilophozia lycopodioides	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Bartramia ithiphylla	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Bryum pseudotriquetrum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Dichodontium palustre	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	bog
Dicranoweisia crispula	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Dicranum bonjeanii	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Dicranum scoparium	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Diplophyllum taxifolium	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Grimmia longirostris	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground

Hylocomium splendens	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Lescuraea saxicola	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Oligotrichum hercynicum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Oncophorus virens	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Paraleucobryum longifolium	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Philonotis seriata	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Pleurozium schreberi	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Pogonatum urnigerum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	trackside
Pohlia elongata	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Polytrichastrum alpinum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Polytrichastrum sexangulare	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	snow patch
Polytrichum piliferum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	rock
Polytrichum strictum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	bog
Ptilium crista–castrensis	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Racomitrium elongatum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Sanionia uncinata	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	ground
Sphagnum capillifolium	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Sphagnum compactum	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Sphagnum girgensohnii	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Warnstorfia exannulata	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland
Warnstorfia sarmentosa	**31**	IT	18.09.01	2,200 – 2,320 m a.s.l.	wetland

32 Gurschlalm, 32T 0645000 5175000
Gurschlalm; alpine pasture; altitudinal range, 1,599 – 1,950 m a.s.l., Gurschlalm 1,659 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Antitrichia curtipendula	**32**	IT	23.08.00	1,679 m a.s.l.	rock
Atrichum undulatum	**32**	IT	23.08.00	1,829 m a.s.l.	ground
Barbilophozia barbata	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Barbilophozia hatcheri	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Bartramia ithiphylla	**32**	IT	23.08.00	1,679 m a.s.l.	trackside
Brachytheciastrum velutinum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Brachythecium salebrosum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Bryum argenteum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Calypogeia neesiana	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Cephalozia bicuspidata	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Ceratodon purpureus	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Coscinodon cribrosus	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Dicranella subulata	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Dicranoweisia crispula	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Dicranum scoparium	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Encalypta ciliata	**32**	IT	26.07.01	1,599 – 1,659m a.s.l.	rock
Encalypta rhaptocarpa	**32**	IT	23.08.00	1,811 m a.s.l.	rock
Eurhynchiastrum pulchellum	**32**	IT	23.08.00	1,811 m a.s.l.	ground
Frullania dilatata	**32**	IT	23.08.00	1,829 m a.s.l.	rock
Grimmia elatior	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Grimmia longirostris	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Grimmia trichophylla	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Hedwigia ciliata	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Hylocomium splendens	**32**	IT	23.08.00	1,829 m a.s.l.	ground
Hypnum cupressiforme	**32**	IT	23.08.00	1,679 m a.s.l.	rock

Hypnum vaucheri	**32**	IT	23.08.00	1,679 m a.s.l.	rock
Leucodon sciuroides	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Lophocolea minor	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Mielichhoferia elongata	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Mnium marginatum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Oligotrichum hercynicum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Orthotrichum rupestre	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Plagiomnium cuspidatum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Plagiothecium denticulatum	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Pleurozium schreberi	**32**	IT	23.08.00	1,794 m a.s.l.	ground
Pogonatum urnigerum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Pohlia cruda	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Pohlia elongata	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Pohlia nutans	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Pohlia proligera	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Polytrichum juniperinum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Polytrichum piliferum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Porella platyphylla	**32**	IT	23.08.00	1,659 – 1,950 m a.s.l.	ground
Pterigynandrum filiforme	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Racomitrium elongatum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Rhytidium rugosum	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Sanionia uncinata	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Syntrichia ruralis	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Thuidium assimile	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground
Tortella tortuosa	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	rock
Tortula subulata	**32**	IT	23.08.00	1,679 – 1,950 m a.s.l.	ground

33 Gurschlhof, 32T 0644000 5175000
Along road towards Gurschlhof and opposite the river, rocks and ground near overhang, cliffs, large boulders, stream, river bank; *Larix*-dominated woodland; altitudinal range 1,547 – 1,621 m a.s.l. and 1,300 – 1,310 m a.s.l.

species	square number	Country	date	elevation	substrate/habitat
Abietinella abietina	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock, ground
Amblystegium serpens	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Amphidium mougeotii	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Andreaea rupestris	**33**	IT	17.09.01	1,310 m a.s.l.	rock
Antitrichia curtipendula	**33**	IT	23.08. 00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock, ground
Atrichum undulatum	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Brachytheciastrum velutinum	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Bryoerythrophyllum recurvirostrum	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Bryum argenteum	**33**	IT	23.04.04	1,305 m a.s.l.	rock, ground
Bryum moravicum	**33**	IT	23.04.04	1,305 m a.s.l.	ground, rock
Calliergonella cuspidata	**33**	IT	23.04.04	1,305 m a.s.l.	ground
Ceratodon purpureus	**33**	IT	17.09.01	1,310 m a.s.l.	track bank
Climacium dendroides	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Conocephalum conicum	**33**	IT	23.04.04	1,305 m a.s.l.	wet rock, ground
Cynodontium polycarpon	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Dicranodontium denudatum	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Dicranoweisia crispula	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Dicranum montanum	**33**	IT	23.08.00	1,547 m a.s.l.	rotten wood
Dicranum scoparium	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l.; 1,547 m a.s.l.	rock
Encalypta ciliata	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Frullania dilatata	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Frullania tamarisci	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Funaria hygrometrica	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Grimmia elatior	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Grimmia elongata	**33**	IT	23.04.04	1,305 m a.s.l.	rock

Grimmia laevigata	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Grimmia montana	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Hedwigia ciliata	**33**	IT	23.08.00, 23.04.04	1,305 m, 1,547 m, 1,621 m a.s.l.	rock
Hylocomium splendens	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock, ground
Hypnum cupressiforme	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock, ground, wall
Isothecium alopecuroides	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Leucodon sciuroides	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock
Mnium spinosum	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Orthotrichum anomalum	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Orthotrichum cupulatum	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Philonotis fontana	**33**	IT	23.04.04	1,305 m a.s.l.	ground
Plagiochila porelloides	**33**	IT	31.07.17	1,300 – 1,310 m a.s.l.	ground
Plagiomnium affine	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Pleurozium schreberi	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Pogonatum aloides	**33**	IT	17.09.01	1,310 m a.s.l.	track side
Pogonatum urnigerum	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Pohlia nutans	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Polytrichastrum alpinum	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Polytrichastrum formosum	**33**	IT	04.05.01	1,310 m a.s.l.	ground
Polytrichum piliferum	**33**	IT	23.08.00	1,547 m a.s.l.	rock
Porella platyphylla	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Pseudoleskeella nervosa	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Pterigynandrum filiforme	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,547 m a.s.l.	rock
Ptilidium pulcherrimum	**33**	IT	23.08.00	1,547 m a.s.l.	bark
Ptilium crista–castrensis	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Radula complanata	**33**	IT	31.07.17	1,300 – 1,310 m a.s.l.	ground
Rhodobryum roseum	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Rhytidiadelphus squarrosus	**33**	IT	31.07.17	1,300 – 1,310 m a.s.l.	ground

Rhytidiadelphus subpinnatus	**33**	IT	31.07.17	1,300 – 1,310 m a.s.l.	ground
Rhytidiadelphus triquetrus	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Rhytidium rugosum	**33**	IT	23.08.00	1,621 m a.s.l.	ground
Sanionia uncinata	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Schistidium elegantulum	**33**	IT	31.07.17	1,300 – 1,310 m a.s.l.	boulder
Schistidium papillosum	**33**	IT	23.04.04	1,305 m a.s.l.	rock
Syntrichia norvegica	**33**	IT	23.08.00	1,547 m a.s.l.	ground
Syntrichia ruralis	**33**	IT	23.08.00, 23.04.04	1,305 m a.s.l., 1,621 m a.s.l.	rock
Thuidium assimile	**33**	IT	23.04.04	1,305 m a.s.l.	wall
Tortula subulata	**33**	IT	17.09.01	1,310 m a.s.l.	ground
Tritomaria quinquedentata	**33**	IT	23.04.04	1,305 m a.s.l.	rock

34 Lafezbach, 32T 0643000 5175000
At Lafezbach and at river Schnalsbach; *Larix* woodland, *Rhododendron ferrugineum*, *Calluna vulgaris*, rocky pasture, river bank; altitudinal range ca. 1,425 – 1,480 m a.s.l. and ca.1,300 – 1,400 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	ground
Amblystegium serpens	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rotten wood
Andreaea rupestris	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Antitrichia curtipendula	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Barbilophozia barbata	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Barbilophozia hatcheri	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Brachythecium rivulare	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	riverbank
Bryum argenteum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	trackside
Bryum capillare	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Bryum pseudotriquetrum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	wet ground
Campylopus fragilis	**34**	IT	04.05.01	ca. 1,425 – 1,480 m a.s.l.	rock

Cephalozia bicuspidata	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Ceratodon purpureus	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	roadbank
Cirriphyllum piliferum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	wodland ground
Climacium dendroides	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	ground pasture
Cynodontium polycarpon	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Dicranoweisia crispula	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Dicranum montanum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	bark
Dicranum scoparium	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock, ground
Distichium capillaceum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Frullania dilatata	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Grimmia caespitica	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Grimmia laevigata	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Grimmia longirostris	**34**	IT	31.08.00, 01.07.15	ca. 1,425 – 1,480 m a.s.l.	rock
Grimmia orbicularis	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Grimmia trichophylla	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Hedwigia ciliata	**34**	IT	31.08.00, 01.07.15	ca. 1,425 – 1,480 m a.s.l.	rock
Hylocomium splendens	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	trackside, ground
Hypnum cupressiforme	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Isothecium alopecuroides	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Leucodon sciuroides	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Lophocolea minor	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	bark
Lophozia longidens	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	bark
Orthotrichum rupestre	**34**	IT	31.08.00, 01.07.15	ca. 1,425 – 1,480 m a.s.l.	rock
Paraleucobryum longifolium	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Plagiomnium affine	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	woodland ground
Plagiomnium medium	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rocky stream bank
Plagiothecium denticulatum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Platyhypnidium riparioides	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	river
Pleurozium schreberi	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	trackside, ground

Pogonatum urnigerum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	trackside
Pohlia cruda	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock crevica
Pohlia nutans	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	roadbank
Polytrichastrum alpinum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock, trackside
Polytrichum juniperinum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock, ground
Polytrichum piliferum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Pseudoleskeella nervosa	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock, bark
Pterigynandrum filiforme	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Ptilidium pulcherrimum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	bark
Racomitrium elongatum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Radula complanata	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Rhizomnium punctatum	**34**	IT	31.08.00, 01.07.15	ca. 1,425 – 1,480 m a.s.l.	riverbank
Rhodobryum roseum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	ground
Rhytidiadelphus triquetrus	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	trackside
Rhytidium rugosum	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	rock
Sanionia uncinata	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	wall
Schistidium papillosum	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Syntrichia norvegica	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	rock
Syntrichia ruralis	**34**	IT	31.08.00	ca. 1,425 – 1,480 m a.s.l.	concrete
Tortula muralis	**34**	IT	01.07.15	ca. 1,300 – 1,400 m a.s.l.	wall

35 Lafezbach, 32T 0642000 5175000
At Unser Frau village, Lafezbach and at river Schnalsbach; *Larix* woodland, rocky pasture, river bank, boulders; altitudinal range ca. 1,480 – 1,660 m a.s.l. and ca.1,300 – 1,400 m a.s.l. and Unser Frau 1,496 m a.s.l.; Schnalsbach 1,525 m a.s.l.; Lafezbach 1,617 – 1,647 m a.s.l.

species	square number	Country	date	elevation	substrate/habitat
Abietinella abietina	**35**	IT	28.08.00	1,521 m a.s.l.	ground
Amblystegium serpens	**35**	IT	31.07.17	1,465 m a.s.l.	rock
Andreaea rupestris	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	rock
Antitrichia curtipendula	**35**	IT	28.08.00	1,604 m a.s.l., 1,625 m a.s.l.	rock
Atrichum undulatum	**35**	IT	28.08.00	1,521 m a.s.l.	ground
Barbilophozia hatcheri	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	ground
Bartramia halleriana	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	rock
Bartramia ithiphylla	**35**	IT	28.08.00	1,647 m a.s.l.	rock
Blasia pusilla	**35**	IT	28.08.00	1,617 m a.s.l.	ground
Brachytheciastrum velutinum	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	ground
Brachythecium rivulare	**35**	IT	31.07.17	1,465 m a.s.l.	riverbank
Bryum torquescens	**35**	IT	04.05.01	ca. 1,480 – 1,520 m a.s.l.	ground
Calypogeia neesiana	**35**	IT	28.08.00	1,617 m a.s.l.	ground
Ceratodon purpureus	**35**	IT	28.08.00	1,617 m a.s.l.	track bank
Climacium dendroides	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	wet ground
Conocephalum conicum	**35**	IT	28.08.00	1,604 m a.s.l.	ground
Dicranoweisia crispula	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	rock face
Dicranum montanum	**35**	IT	28.08.00	1,647 m a.s.l.	bark
Dicranum scoparium	**35**	IT	28.08.00	1,617 m a.s.l.	ground
Diplophyllum taxifolium	**35**	IT	28.08.00	1,625 m a.s.l.	rock
Encalypta ciliata	**35**	IT	28.08.00	1,604 m a.s.l.	rock
Eurhynchiastrum pulchellum	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground
Frullania dilatata	**35**	IT	28.08.00	1,604 m a.s.l.	rock
Grimmia longirostris	**35**	IT	28.08.00	1,604 m a.s.l.	rock
Hedwigia ciliata	**35**	IT	28.08.00	1,604 m a.s.l., 1,625 m a.s.l.	rock
Heterocladium dimorphum	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground
Hylocomium splendens	**35**	IT	28.08.00	1,617 m a.s.l.	ground

Hypnum cupressiforme	**35**	IT	28.08.00	1,625 m a.s.l.	rock
Hypnum revolutum	**35**	IT	31.07.17	1,465 m a.s.l.	rock
Isopterygiopsis muelleriana	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground
Lepidozia reptans	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	rotten wood
Leucodon sciuroides	**35**	IT	28.08.00	1,525 m a.s.l.	rock
Lophozia sudetica	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	ground
Marchantia polymorpha	**35**	IT	28.08.00	1,604 m a.s.l.	ground
Palustriella commutata	**35**	IT	31.07.17	1,465 m a.s.l.	riverbank
Paraleucobryum longifolium	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	rock
Philonotis fontana	**35**	IT	31.07.17	1,465 m a.s.l.	riverbank
Plagiochila porelloides	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground
Pleurozium schreberi	**35**	IT	28.08.00	1,817 m a.s.l.	trackside
Pogonatum aloides	**35**	IT	28.08.00	1,617 m a.s.l.	track bank
Pogonatum urnigerum	**35**	IT	28.08.00	1,604 m a.s.l., 1,617 m a.s.l.	ground
Pohlia cruda	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground, rock
Pohlia elongata	**35**	IT	28.08.00	1,604 m a.s.l., 1,625 m a.s.l.	track bank
Polytrichastrum alpinum	**35**	IT	28.08.00	1,660 m a.s.l.	trackside
Polytrichastrum formosum	**35**	IT	28.08.00	ca. 1,520 – 1,660 m a.s.l.	ground
Polytrichum piliferum	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	rock
Pterigynandrum filiforme	**35**	IT	28.08.00	1,604 m a.s.l., 1,625 m a.s.l.	rock
Ptilidium pulcherrimum	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	bark
Ptilium crista–castrensis	**35**	IT	28.08.00	1,617 m a.s.l.	ground
Rhodobryum roseum	**35**	IT	28.08.00	1,617 m a.s.l.	ground
Rhytidiadelphus triquetrus	**35**	IT	28.08.00	1,625 m a.s.l.	ground
Rhytidium rugosum	**35**	IT	28.08.00	1,604 m a.s.l.	ground
Sanionia uncinata	**35**	IT	28.08.00	1,647 m a.s.l.	rock
Scapania curta	**35**	IT	28.08.00	1,625 m a.s.l.	ground
Schistidium papillosum	**35**	IT	31.07.17	1,465 m a.s.l.	rock
Syntrichia ruralis	**35**	IT	28.08.00	1,521 m a.s.l., 1,604 m a.s.l.	rock
Tetraphis pellucida	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	rotten wood
Tetraplodon angustatus	**35**	IT	05.05.01	ca. 1,480 – 1,520 m a.s.l.	dung

Timmia austriaca	**35**	IT	28.08.00	1,625 m a.s.l.	moss curtain, ground
Tortella tortuosa	**35**	IT	28.08.00	1,647 m a.s.l.	rock

36 Mastauntal, 32T 0641000 5175000
Country road up to Maso Mastaun; *Larix* woodland, pasture, river bank; altitudinal range ca. 1,640 – 1,790 m a.s.l.

species	square number	Country	date	elevation	substrate/habitat
Abietinella abietina	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Amblystegium serpens	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Andreaea rupestris	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Antitrichia curtipendula	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Barbilophozia lycopodioides	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Bartramia halleriana	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Bartramia ithiphylla	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Brachythecium rivulare	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	river bank
Ceratodon purpureus	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Climacium dendroides	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	wetland
Dicranoweisia crispula	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Dicranum montanum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Dicranum polysetum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Dicranum scoparium	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Grimmia longirostris	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Hedwigia ciliata	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Hylocomium splendens	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Hypnum cupressiforme	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Hypnum revolutum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Isothecium alopecuroides	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Lescuraea saxicola	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Mnium spinosum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground

Oligotrichum hercynicum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Orthotrichum rupestre	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Palustriella commutata	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	wetland
Paraleucobryum longifolium	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Pellia neesiana	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Philonotis fontana	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	river bank
Plagiomnium cuspidatum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Pleurozium schreberi	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Pogonatum urnigerum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Pohlia cruda	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Pohlia elongata	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Polytrichastrum alpinum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Polytrichum piliferum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Pterigynandrum filiforme	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Ptilium crista–castrensis	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Racomitrium elongatum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Racomitrium lanuginosum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Radula complanata	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rock
Rhytidiadelphus subpinnatus	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Rhytidiadelphus triquetrus	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Rhytidium rugosum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Sanionia uncinata	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Sphagnum capillifolium	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	wetland
Sphagnum quinquefarium	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Splachnum sphaericum	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	dung
Syntrichia ruralis	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	ground
Tetraphis pellucida	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	rotten wood
Warnstorfia fluitans	**36**	IT	17.09.01	ca. 1,640 – 1,790 m a.s.l.	wetland

37 Mastauntal, 32T 0641000 5174000
Country road up to Maso Mastaun and Mastaunalpe; *Larix* woodland, pasture, river bank; altitudinal range ca. 1,790 – 1,900 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum minutum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Andreaea rupestris	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Barbilophozia lycopodioides	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Bartramia ithiphylla	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Cirriphyllum piliferum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Climacium dendroides	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	wetland
Cynodontium polycarpon	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Dicranodontium denudatum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock ledge
Dicranoweisia crispula	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Dicranum scoparium	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Ditrichum flexicaule	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Grimmia elatior	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Hedwigia ciliata	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Hylocomium splendens	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Lescuraea saxicola	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Leucodon sciuroides	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Paraleucobryum longifolium	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Plagiothecium denticulatum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Pleurozium schreberi	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Pogonatum urnigerum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Polytrichastrum alpinum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Polytrichum piliferum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Pterigynandrum filiforme	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Ptilidium pulcherrimum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Ptilium crista–castrensis	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Ptychodium plicatum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Racomitrium elongatum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground

Racomitrium ericoides	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Racomitrium heterostichum agg.	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Racomitrium lanuginosum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rock
Rhabdoweisia fugax	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Rhytidium rugosum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Sanionia uncinata	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	ground
Sphagnum capillifolium	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	wetland
Sphagnum subnitens	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	wetland
Splachnum sphaericum	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	dung
Tetraphis pellucida	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	rotten wood
Tetraplodon angustatus	**37**	IT	17.09.01	ca. 1,790 – 1,900 m a.s.l.	dung

38 Mastauntal, 32T 0640000 5174000
Mastaunalpe and Mastauntal; *Larix* woodland, pasture, river bank, scree; altitudinal range ca. 1,900 – 1,950 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Amphidium mougeotii	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Andreaea frigida	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Andreaea rothii	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Andreaea rupestris	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Aneura pinguis	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Aulacomnium palustre	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Barbilophozia lycopodioides	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Bartramia ithiphylla	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Bryum argenteum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	track bank
Bryum pallens	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	track side
Bryum pseudotriquetrum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Campylium stellatum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland

Ceratodon purpureus	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	track bank
Cladopodiella fluitans	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Climacium dendroides	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Dicranodontium denudatum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rotten wood
Dicranoweisia crispula	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Dicranum scoparium	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground, rock
Diplophyllum albicans	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	track bank
Diplophyllum taxifolium	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Encalypta ciliata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Eurhynchiastrum pulchellum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Fissidens dubius	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Grimmia longirostris	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Hedwigia ciliata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Hygrohypnum duriusculum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	river
Hylocomium splendens	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Hypnum cupressiforme	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Lescuraea saxicola	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Leucodon sciuroides	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Odontoschisma elongatum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Palustriella commutata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Paraleucobryum longifolium	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Pellia neesiana	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Philonotis seriata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Plagiopus oederianus	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Plasteurhynchium striatulum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Pleurozium schreberi	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Pogonatum aloides	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	track bank
Pogonatum urnigerum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Pohlia elongata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock crevice
Polytrichastrum alpinum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Polytrichum piliferum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock

Pterigynandrum filiforme	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Ptilidium ciliare	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Ptilidium pulcherrimum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	bark
Ptilium crista–castrensis	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Racomitrium affine	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Racomitrium elongatum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Racomitrium fasciculare	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Racomitrium lanuginosum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Rhytidiadelphus triquetrus	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Rhytidium rugosum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Sanionia uncinata	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Scapania nemorea	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Scapania uliginosa	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Schistidium papillosum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock
Sphagnum russowii	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	wetland
Splachnum sphaericum	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	dung
Syntrichia norvegica	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Syntrichia ruralis	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	ground
Tetraphis pellucida	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rotten wood
Tetraplodon mnioides	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	dung
Tortella tortuosa	**38**	IT	17.09.01	ca. 1,900 – 1,950 m a.s.l.	rock

39 Unser Frau, 32T 0642000 5176000
At Unser Frau; *Larix* woodland, meadow, river bank; altitudinal range ca. 1,508 – 1,520 m a.s.l., 1,559 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	ground
Andreaea rupestris	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Antitrichia curtipendula	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock

Barbilophozia lycopodioides	**39**	IT	28.08.00	1,559 m a.s.l.	river bank
Bartramia halleriana	**39**	IT	28.08.00	ca. 1,508 – 1,520; 1,559 m a.s.l.	rock face
Chiloscyphus polyanthos	**39**	IT	28.08.00	1,523 m a.s.l.	river
Cirriphyllum piliferum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	trackside
Dicranum scoparium	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock, ground
Grimmia elatior	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Hedwigia ciliata	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Hylocomium splendens	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	stump
Hypnum cupressiforme	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	ground
Lejeunea cavifolia	**39**	IT	28.08.00	1,559 m a.s.l.	needle litter
Leucodon sciuroides	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Plagiomnium cuspidatum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	ground
Pleurozium schreberi	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Pogonatum urnigerum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	ground
Pohlia elongata	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l., 1,559 m a.s.l.	ground
Polytrichastrum alpinum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock face
Polytrichum piliferum	**39**	IT	04.05.01	ca. 1,508 – 1,520 m a.s.l.	rock
Pterigynandrum filiforme	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.; 1,559 m a.s.l.	rock
Ptilidium pulcherrimum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	bark
Racomitrium heterostichum agg.	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock face
Radula complanata	**39**	IT	28.08.00	1,559 m a.s.l.	twig
Rhytidium rugosum	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Sanionia uncinata	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	ground
Syntrichia ruralis	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock
Timmia austriaca	**39**	IT	28.08.00	ca. 1,508 – 1,520 m a.s.l.	rock

40 Unser Frau, 32T 0641000 5176000
Above Unser Frau and near Archaeoparc; *Larix* woodland, scree; altitudinal range ca. 1,800 – 1,950 m a.s.l. and 1,520 – 1,600 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Amblystegium serpens	**40**	IT	04.05.01	ca. 1,800 – 1,950 m a.s.l.	ground
Andreaea rupestris	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Antitrichia curtipendula	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Barbilophozia barbata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	ground
Barbilophozia hatcheri	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Bartramia halleriana	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Bartramia ithiphylla	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Bryum moravicum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	ground
Cynodontium polycarpon	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Cynodontium strumiferum	**40**	IT	28.08.00; 01.07.15	ca. 1,800 – 1,950 m a.s.l.	rock face
Dicranoweisia crispula	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Dicranum montanum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rotten wood
Dicranum polysetum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	woodland ground
Dicranum scoparium	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Encalypta ciliata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Frullania dilatata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Grimmia longirostris	**40**	IT	28.08.00 , 01.07.15	ca. 1,800 – 1,950 m a.s.l.	rock
Grimmia pulvinata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Grimmia trichophylla	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Hedwigia ciliata	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Homalothecium sericeum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Hylocomium splendens	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	ground
Hypnum cupressiforme	**40**	IT	28.08.00; 01.07.15	ca. 1,800 – 1,950 m a.s.l.	rock
Isothecium alopecuroides	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Leucodon sciuroides	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock

Lophozia longidens	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Orthotrichum anomalum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Orthotrichum rupestre	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Pleurozium schreberi	**40**	IT	26.08.00	ca. 1,800 – 1,950 m a.s.l.	ground
Pogonatum urnigerum	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	trackside
Pohlia cruda	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock crevice
Pohlia elongata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock crevice, road bank, ground
Polytrichastrum formosum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	woodland ground
Polytrichum juniperinum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Polytrichum piliferum	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Porella platyphylla	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Pterigynandrum filiforme	**40**	IT	28.08.00, 01.07.15	ca. 1,800 – 1,950 m a.s.l.	rock
Racomitrium elongatum	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Radula complanata	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Rhytidiadelphus triquetrus	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	ground
Rhytidium rugosum	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock
Saelania glaucescens	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Sanionia uncinata	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	ground
Schistidium papillosum	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Syntrichia norvegica	**40**	IT	01.07.15	1,520 – 1,600 m a.s.l.	rock
Syntrichia ruralis	**40**	IT	28.08.00	ca. 1,800 – 1,950 m a.s.l.	rock face

41 Pension Lydia, 32T 0641000 5177000
Near Pension Lydia; *Larix* woodland, pasture, river bank, boulders; altitudinal range ca. 1,670 – 1,850 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Bartramia halleriana	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Bartramia ithiphylla	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Bartramia pomiformis	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Brachythecium glareosum	**41**	IT	01.07.15	ca. 1,850 m a.s.l.	ground
Brachythecium rivulare	**41**	IT	10.06.02	ca. 1,670 – 1,700 m a.s.l.	ground
Bryum argenteum	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	wall
Ceratodon purpureus	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	ground
Conocephalum conicum	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	wet rock
Coscinodon cribrosus	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Dicranum scoparium	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Entodon concinnus	**41**	IT	04.05.01	ca. 1,670 – 1,680 m a.s.l.	ground
Frullania dilatata	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Funaria hygrometrica	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	plantpot
Grimmia elongata	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Grimmia longirostris	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Grimmia pulvinata	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Grimmia reflexidens	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Hedwigia ciliata	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Hylocomium splendens	**41**	IT	04.05.01	ca. 1,670 – 1,680 m a.s.l.	ground
Hypnum cupressiforme	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Leucodon sciuroides	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Orthotrichum rupestre	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Plagiomnium cuspidatum	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	ground
Pleurozium schreberi	**41**	IT	04.05.01	ca. 1,670 – 1,680 m a.s.l.	ground
Pogonatum urnigerum	**41**	IT	26.08.00, 01.07.15	ca. 1,670 – 1,680 m a.s.l.	rock, ground
Pohlia nutans	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock, ground

Polytrichum juniperinum	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock, ground
Polytrichum piliferum	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Pseudoleskeella nervosa	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Pterigynandrum filiforme	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Racomitrium elongatum	**41**	IT	04.05.01, 01.07.15	ca. 1,670 – 1,680 m a.s.l.	ground
Rhytidium rugosum	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Sanionia uncinata	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Schistidium apocarpum	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Schistidium crassipilum	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Schistidium dupretii	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Schistidium trichodon	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Syntrichia norvegica	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	rock
Syntrichia ruralis	**41**	IT	26.08.00	ca. 1,670 – 1,680 m a.s.l.	rock
Tortella tortuosa	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	stonewall
Tortula subulata	**41**	IT	01.07.15	ca. 1,670 – 1,700 m a.s.l.	ground

42 Vernagt reservoir, 32T 0640000 5177000
At Vernagt reservoir; *Larix* woodland, rock crevices, wall, shore of reservoir; altitudinal range ca. 1,700 – 1,780 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Andreaea rothii	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Andreaea rupestris	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	rock
Antitrichia curtipendula	**42**	IT	12.06.02	ca. 1,780 m a.s.l.	rock
Apometzgeria pubescens	**42**	IT	12.06.02	ca. 1,780 m a.s.l.	rock
Bartramia halleriana	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Bartramia ithiphylla	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Bryoerythrophyllum recurvirostre	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall

Bryum argenteum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	ground
Bryum moravicum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Bryum pseudotriquetrum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Caliergonella cuspidata	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	ground
Ceratodon purpureus	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Cynodontium polycarpon	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Cynodontium strumiferum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Dicranoweisia crispula	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Dicranum scoparium	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Diplophyllum taxifolium	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Distichium capillaceum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Ditrichum flexicaule	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Encalypta ciliata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Encalypta streptocarpa	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Entodon concinnus	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	ground
Eurhynchiastrum pulchellum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Frullania fragilifolia	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Frullania tamarisci	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Funaria hygrometrica	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Grimmia elongata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Grimmia longirostris	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Hedwigia ciliata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Hylocomium splendens	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Hypnum cupressiforme	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Hypnum revolutum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Isothecium alopecuroides	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock, bark
Leucodon sciuroides	**42**	IT	12.06.02	ca. 1768 m a.s.l.	rock
Lophozia sudetica	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Mnium lycopodioides	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Neckera complanata	**42**	IT	12.06.02	1768 m a.s.l.	rock crevices
Orthotrichum rupestre	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock

Plagiochila porelloides	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Pleurozium schreberi	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Pogonatum urnigerum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pohlia cruda	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pohlia elongata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pohlia nutans	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Polytrichastrum alpinum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Polytrichum juniperinum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Polytrichum piliferum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pterigynandrum filiforme	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Ptilium crista–castrensis	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Racomitrium elongatum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	ground
Radula complanata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Rhytidiadelphus triquetrus	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Rhytidium rugosum	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Sanionia uncinata	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Schistidium crassipilum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Schistidium dupretii	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Schistidium elegantulum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Schistidium papillosum	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	boulder
Schistidium trichodon	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Syntrichia ruralis	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Timmia austriaca	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Tortella tortuosa	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Tortula mucronifolia	**42**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Tortula muralis	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall
Tortula subulata	**42**	IT	30.07.17	ca. 1,700 – 1,780 m a.s.l.	wall

43 Vernagt reservoir, 32T 0639000 5177000
At Vernagt reservoir; *Larix* woodland, rock crevices, wall, shore of reservoir, bog; altitudinal range ca. 1,700 – 1,780 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Amblystegium subtile	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Anastrophyllum minutum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Antitrichia curtipendula	**43**	IT	12.06.02	ca. 1,780 m a.s.l.	rock
Apometzgeria pubescens	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Aulacomnium palustre	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Barbilophozia hatcheri	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Bartramia halleriana	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Bartramia ithiphylla	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Blepharostoma trichophyllum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Brachythecium rivulare	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Bryum moravicum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Bryum pseudotriquetrum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	spring
Cratoneuron filicinum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	spring
Cynodontium polycarpon	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Dicranum scoparium	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Encalypta ciliata	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Eurhynchiastrum pulchellum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Frullania dilatata	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Grimmia elatior	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Hedwigia ciliata	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Homalothecium sericeum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Hylocomium splendens	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Hypnum cupressiforme	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Isothecium alopecuroides	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock, bark
Lepidozia reptans	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rotten wood
Lescuraea saxicola	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock

Leucodon sciuroides	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Lophozia incisa	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Lophozia longidens	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rotten wood
Mielichhoferia mielichhoferiana	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Mnium spinosum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Neckera complanata	**43**	IT	12.06.02	1766 m a.s.l.	rock crevices
Plagiomnium affine	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Plagiothecium denticulatum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Pleurozium schreberi	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Pogonatum urnigerum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pohlia cruda	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rotten wood
Pohlia elongata	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pohlia nutans	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Polytrichastrum alpinum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Polytrichum piliferum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Pterigynandrum filiforme	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Racomitrium affine	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Racomitrium heterostichum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Rhytidiadelphus triquetrus	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Rhytidium rugosum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Sanionia uncinata	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Sphagnum girgensohnii	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Sphagnum russowii	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Sphagnum subnitens	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Sphagnum warnstorfii	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Splachnum sphaericum	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Syntrichia ruralis	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock
Tetraphis pellucida	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rotten wood
Timmia austriaca	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Tomentypnum nitens	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog
Tortula mucronifolia	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	rock

Tritomaria exsectiformis	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	ground
Warnstorfia fluitans	**43**	IT	12.06.02	ca. 1,700 – 1,780 m a.s.l.	bog

44 Vernagt reservoir, 32T 0638000 5177000
At Vernagt reservoir, Untere Gerstgras; *Larix* woodland, rock crevices, wall, shore of reservoir, bog; altitudinal range ca. 1,720 – 1,900 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Amblystegium serpens	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Andreaea rupestris	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Antitrichia curtipendula	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Aulacomnium palustre	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Barbilophozia hatcheri	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Bartramia halleriana	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Bartramia ithiphylla	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Brachythecium rivulare	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Bryum moravicum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Bryum pseudotriquetrum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Cratoneuron filicinum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Cynodontium polycarpon	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Dicranella subulata	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Dicranum scoparium	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Distichium capillaceum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Grimmia elatior	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Hedwigia ciliata	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Hylocomium splendens	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Hypnum cupressiforme	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Leucodon sciuroides	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Mnium stellare	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock

Paraleucobryum longifolium	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Philonotis fontana	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Plagiomnium cuspidatum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Pleurozium schreberi	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Pogonatum aloides	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	trackside
Pogonatum urnigerum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Pohlia elongata	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Polytrichastrum alpinum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Polytrichum piliferum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Pterigynandrum filiforme	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Rhytidiadelphus triquetrus	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Rhytidium rugosum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Saelania glaucescens	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Sanionia uncinata	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	ground
Sphagnum girgensohnii	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Sphagnum teres	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Straminergon stramineum	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Syntrichia ruralis	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock
Tomentypnum nitens	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	wet ground
Tortella tortuosa	**44**	IT	12.06.02	ca. 1,720 – 1,900 m a.s.l.	rock

45 Gerstgras, 32T 0637000 5177000
From Hotel Gerstgras up to the mountain slope; *Larix* woodland, rock; altitudinal range ca. 1,767 – 2,000 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum minutum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Andreaea rupestris	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Anthelia juratzkana	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	snow patch
Barbilophozia hatcheri	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground

Bartramia halleriana	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Bartramia ithiphylla	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Bryum moravicum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Calypogeia fissa	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Cephalozia bicuspidata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	tree stump
Climacium dendroides	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	wet ground
Cynodondium polycapon	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Dicranoweisia crispula	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Dicranum muehlenbeckii	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Dicranum scoparium	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Diphyscium foliosum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Diplophyllum taxifolium	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Ditrichum flexicaule	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Encalypta ciliata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Grimmia longirostris	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Gymnomitrion concinnatum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Hedwigia ciliata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Heterocladium dimorphum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Hylocomium splendens	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Hypnum cupressiforme	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Hypnum vaucheri	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Lophozia incisa	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Lophozia ventricosa	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Odontoschisma elongatum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	round
Oligotrichum hercynicum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Pleurozium schreberi	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Pogonatum aloides	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	trackside
Pogonatum urnigerum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Pohlia elongata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Polytrichastrum alpinum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Polytrichum piliferum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock

Pseudoleskea incurvata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Pterigynandrum filiforme	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Racomitrium elongatum	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Rhytidiadelphus triquetrus	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Sanionia uncinata	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Scapania curta	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Scorpidium revolvens	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	ground
Syntrichia ruralis	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	rock
Tetraphis pellucida	**45**	IT	13.06.02	ca. 1,767 – 2,000 m a.s.l.	tree stump

46 Gerstgras, 32T 0636000 5177000
At Hotel Gerstgras and mountain slope; *Larix* woodland, rock; altitudinal range ca. 1,900 – 2,220 m a.s.l. and ca. 2,130 – 2,265 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Aulacomnium palustre	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	wet ground
Bartramia halleriana	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Bartramia ithiphylla	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Calypogeia suecica	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rotten wood
Cephalozia bicuspidata	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Ceratodon purpureus	**46**	IT	13.06.02	ca. 2,130 – 2,265 m a.s.l.	ground
Cladopodiella fluitans	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Dicranoweisia crispula	**46**	IT	13.06.02	ca. 2,130 – 2,265 m a.s.l.	rock
Dicranum montanum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rotten wood
Dicranum scoparium	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Diplophyllum taxifolium	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Encalypta vulgaris	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Grimmia elatior	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Gymnomitrion coralloides	**46**	IT	13.06.02	ca. 2,130 – 2,265 m a.s.l.	rock

Hedwigia ciliata	**46**	IT	13.06.02	ca. 2,130 – 2,265 m a.s.l.	rock
Heterocladium dimorphum	**46**	IT	13.06.02	ca. 2,265 m a.s.l.	ground
Hylocomium splendens	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Lepidozia reptans	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rotten wood
Lescuraea saxicola	**46**	IT	13.06.02	ca. 2,130 – 2,265 m a.s.l.	rock
Lophozia incisa	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rotten wood
Lophozia sudetica	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Oligotrichum hercynicum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Oncophorus virens	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Pleurozium schreberi	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Pogonatum aloides	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	trackside
Pogonatum urnigerum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Pohlia elongata	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Polytrichastrum alpinum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Polytrichum piliferum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Pterigynandrum filiforme	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Racomitrium elongatum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Racomitrium heterostichum agg.	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	rock
Sanionia uncinata	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	ground
Scapania uliginosa	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Sphagnum capillifolium	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Sphagnum fallax	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Sphagnum russowii	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Sphagnum teres	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Sphagnum warnstorfii	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Straminergon stramineum	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	bog
Warnstorfia exannulata	**46**	IT	13.06.02	ca. 1,900 – 2,220 m a.s.l.	wet ground

47 Taschenjöchl, 32T 0636000 5176000
Up to Taschenjöchl, snow field; *Larix decidua* and *Pinus cembra* woodland – last *Pinus cembra* at 2,468 m a.s.l., rock, alpine pasture, *Carex curvula* grassland with *Primula glutinosa*; altitudinal range ca. 2,220 – 2,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Anthelia juratzkana	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	snow patch
Aulacomnium palustre	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	wet ground
Barbilophozia hatcheri	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	silicate rock (shist)
Bartramia ithiphylla	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Brachythecium salebrosum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	ground
Dicranodontium denudatum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	silicate rock (shist)
Dicranoweisia crispula	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Dicranum scoparium	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Diplophyllum taxifolium	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Grimmia incurva	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Gymnomitrion concinnatum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	silicate rock (shist)
Gymnomitrion coralloides	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Heterocladium dimorphum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	ground
Hylocomium splendens	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Kiaeria blyttii	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	rock
Lescuraea saxicola	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Lophozia sudetica	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	snow patch
Marsupella commutata	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	snow patch
Odontoschisma elongatum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	snow patch
Oligotrichum hercynicum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Pleurozium schreberi	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Pogonatum urnigerum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Pohlia nutans	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Polytrichastrum alpinum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Polytrichastrum formosum	**47**	IT	13.06.02	ca. 2,400 m a.s.l.	silicate rock (shist)
Polytrichastrum sexangulare	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	snow patch

Polytrichum piliferum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Racomitrium elongatum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Racomitrium heterostichum agg.	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Racomitrium lanuginosum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Rhytidium rugosum	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock
Sanionia uncinata	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Syntrichia ruralis	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	ground
Tortella tortuosa	**47**	IT	13.06.02	ca. 2,220 – 2,700 m a.s.l.	rock

48 Marchegg, 32T 0637000 5178000
Marchegg; old pond with boggy areas, *Larix* woodland, rock; altitudinal range ca. 1,884 – 1,949 m a.s.l., first bog ca. 1,930 m a.s.l., second bog ca. 1,949 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	ground
Andreaea rupestris	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Aneura pinguis	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Aulacomnium palustre	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Brachythecium rivulare	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Bryum pseudotriquetrum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Campylium stellatum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Climacium dendroides	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Cynodontium strumiferum	**48**	IT	23.06.03	ca. 1,958 m a.s.l.	rock
Dichodontium palustre	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Dicranoweisia crispula	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Dicranum scoparium	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Distichium capillaceum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	rock
Grimmia elatior	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Hedwigia ciliata	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock

Hylocomiastrum pyrenaicum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Hylocomium splendens	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Hypnum cupressiforme	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Leucobryum glaucum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Leucodon sciuroides	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Oncophorus virens	**48**	IT	23.06.03	ca. 1,958 m a.s.l.	wetland
Paludella squarrosa	**48**	IT	23.06.03	ca. 1,949 m a.s.l.	bog
Palustriella commutata	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Philonotis fontana	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Pleurozium schreberi	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Pohlia cruda	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Polytrichastrum alpinum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Polytrichum piliferum	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Polytrichum strictum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Pterigynandrum filiforme	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	rock
Ptilium crista–castrensis	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Racomitrium elongatum	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	ground
Rhytidiadelphus triquetrus	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Rhytidium rugosum	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	rock ledge
Sanionia uncinata	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	ground
Scorpidium revolvens	**48**	IT	23.06.03	ca. 1,958 m a.s.l.	wetland
Sphagnum capillifolium	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Sphagnum fuscum	**48**	IT	23.06.03	ca. 1,949 m a.s.l.	bog
Sphagnum girgensohnii	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Sphagnum russowii	**48**	IT	23.06.03	ca. 1,970 m a.s.l.	bog
Sphagnum teres	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog
Straminergon stramineum	**48**	IT	23.06.03	ca. 1,970 m a.s.l.	bog
Syntrichia ruralis	**48**	IT	23.06.03	1,884 – 1,930 m a.s.l.	ground
Warnstorfia exannulata	**48**	IT	23.06.03	ca. 1,930 m a.s.l.	bog

49 Near Kurzras, 32T 0636000 5178000
Near Kurzras and bog near Wieshof; *Larix* woodland, meadow, pasture, bog, rock; altitudinal range ca. 1,970 – 2,020 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Aneura pinguis	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Aulacomnium palustre	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Barbilophozia hatcheri	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulders
Bartramia ithiphylla	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Brachytheciastrum velutinum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	ground
Brachythecium salebrosum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	ground
Bryum pseudotriquetrum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Campylium stellatum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Ceratodon purpureus	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Climacium dendroides	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Cratoneuron filicinum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	riverbank
Dichodontium pellucidum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Dicranoweisia crispula	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Dicranum bonjeanii	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Dicranum montanum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bark, rotten wood
Dicranum scoparium	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Encalypta ciliata	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Encalypta thaptocarpa	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Funaria hygrometrica	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Grimmia donniana	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulders
Grimmia longirostris	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Hedwigia ciliata	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	ground
Hylocomium splendens	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Hypnum cupressiforme	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Lescuraea saxicola	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder

Orthotrichum rupestre	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Palustriella commutata	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Philonotis seriata	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Plagiochila porelloides	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	ground
Pleurozium schreberi	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Pogonatum urnigerum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Pohlia elongata	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Polytrichastrum alpinum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Polytrichum juniperinum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Polytrichum piliferum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Polytrichum strictum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Pseudoleskeella nervosa	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Pterigynandrum filiforme	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	rock
Ptilium crista–castrensis	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Racomitrium affine	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Racomitrium elongatum	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Radula complanata	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder
Rhizomnium punctatum	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	riverbank
Rhytidiadelphus triquetrus	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Sanionia uncinata	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Scapania undulata	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Scorpidium revolvens	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Sphagnum capillifolium	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Sphagnum fallax	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog
Sphagnum russowii	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Sphagnum teres	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Sphagnum warnstorfii	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	bog
Syntrichia ruralis	**49**	IT	14.06.02	ca. 1,970 – 2,020 m a.s.l.	ground
Tetraphis pellucida	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	rotten wood
Tetraplodon mnioides	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	dung on boulder
Tortella tortuosa	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	boulder

Warnstorfia fluitans	**49**	IT	01.08.17	ca. 1,920 – 2,020 m a.s.l.	bog

50 Kurzras, 32T 0636000 5179000
Kurzras village and near Wieshof; *Larix* woodland, meadow, pasture, skiing slope; altitudinal range ca. 2,011 – 2,040 m a.s.l. and 2,000 – 2,030 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	ground
Anastrophyllum minutum	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Andreaea rupestris	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Aulacomnium palustre	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Barbilophozia hatcheri	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Bartramia halleriana	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Bartramia ithiphylla	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Bryum pallens	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Bryum pseudotriquetrum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Ceratodon purpureus	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	ground
Climacium dendroides	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Cynodontium polycarpon	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	rock
Dichodontium palustre	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Dicranoweisia crispula	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Dicranum montanum	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	rotten wood, bark
Dicranum scoparium	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Diplophyllum taxifolium	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Encalypta ciliata	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	rock
Eurhynchiastrum pulchellum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Grimmia longirostris	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Hedwigia ciliata	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Hylocomiastrum pyrenaicum	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	ground
Hylocomium splendens	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground

Hypnum cupressiforme	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Hypnum revolutum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Lescuraea saxicola	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Lophozia ventricosa	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Philonotis fontana	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Pleurozium schreberi	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Pogonatum urnigerum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Pohlia nutans	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Pohlia wahelnbergii	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	rock
Polytrichastrum alpinum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Polytrichum piliferum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Pterigynandrum filiforme	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Racomitrium affine	**50**	IT	01.08.17	ca. 2,000 – 2,030 m a.s.l.	boulder
Racomitrium elongatum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Rhabdoweisia fugax	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Rhytidium rugosum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	rock
Sanionia uncinata	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Scorpidium revolvens	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Sphagnum capillifolium	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Sphagnum girgensohnii	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Sphagnum teres	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Sphagnum warnstorfii	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Straminergon stramineum	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Syntrichia ruralis	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Tortula hoppeana	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	ground
Warnstorfia exannulata	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog
Warnstorfia fluitans	**50**	IT	14.06.02	ca. 2,011 – 2,040 m a.s.l.	bog

51 Kurzras, 32T 0636000 5180000
Kurzras village and near Wieshof; *Larix* woodland, meadow, pasture, skiing slope; altitudinal range ca. 2,011 – 2,050 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Aulacomnium palustre	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Bartramia halleriana	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Bartramia ithiphylla	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Blepharostoma trichophyllum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Bryum pseudotriquetrum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Campylium stellatum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Climacium dendroides	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Cynodontium strumiferum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Dichodontium palustre	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Dicranum scoparium	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Distichium capillaceum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Grimmia elatior	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Hylocomium splendens	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Hypnum vaucheri	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Mnium lycopodioides	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Mnium thomsonii	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Odontoschisma elongatum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Philonotis fontana	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	wetland
Pleurozium schreberi	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Pogonatum urnigerum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Pohlia elongata	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Polytrichastrum alpinum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Polytrichum juniperinum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Polytrichum piliferum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Polytrichum strictum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog

Pterigynandrum filiforme	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Racomitrium elongatum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Racomitrium lanuginosum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Rhytidiadelphus triquetrus	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Rhytidium rugosum	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	rock
Sanionia uncinata	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	ground
Scapania uliginosa	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Scorpidium revolvens	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Sphagnum capillifolium	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Sphagnum teres	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Sphagnum warnstorfii	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Warnstorfia exannulata	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog
Warnstorfia sarmentosa	**51**	IT	14.06.02	ca. 2,011 – 2,050 m a.s.l.	bog

52 Kurzras, 32T 0635000 5181000

From Kurzras village towards Bildstöckljoch and boggy places; *Larix* woodland, meadow, pasture, skiing slope, boulders, bog; altitudinal range 2,011 – 2,153 m a.s.l. and 2,015 – 2,200 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Andreaea rupestris	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Aneura pinguis	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Aulacomnium palustre	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	bog
Barbilophozia hatcheri	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Barbilophozia lycopodioides	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Barbula unguiculata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Bartramia ithiphylla	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Blindia acuta	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Brachytheciastrum velutinum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground

Brachythecium salebrosum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Bryum moravicum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Bryum pallens	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Bryum pseudotriquetrum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Calypogeia neesiana	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Campylium stellatum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Ceratodon purpureus	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Climacium dendroides	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Cynodontium polycarpon	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Cynodontium strumiferum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Dichodontium palustre	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground, bog
Dicranella subulata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Dicranoweisia crispula	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Dicranum bonjeanii	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Dicranum muehlenbeckii	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Dicranum scoparium	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock, ground
Encalypta ciliata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Encalypta vulgaris	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Grimmia caespitica	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Grimmia donniana	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Hamatocaulis vernicosus	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Hedwigia ciliata	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Hylocomium splendens	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Hypnum cupressiforme	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock, bark
Lescuraea saxicola	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	bark
Leucobryum glaucum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Lophozia sudetica	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Lophozia ventricosa	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Marchantia polymorpha	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Mielichhoferia mielichhoferiana	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground

Mnium spinosum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Mnium thomsonii	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Oligotrichum hercynicum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Pellia epiphylla	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Philonotis fontana	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Philonotis seriata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	bog
Pleurozium schreberi	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground, bog
Pogonatum aloides	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Pogonatum urnigerum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Pohlia cruda	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Pohlia drummondii	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Pohlia nutans	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground, bog
Pohlia proligera	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Polytrichastrum alpinum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Polytrichum commune	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Polytrichum juniperinum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Polytrichum piliferum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Polytrichum strictum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Pseudoleskea incurvata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Pterigynandrum filiforme	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Ptilium crista–castrensis	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Racomitrium affine	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Racomitrium elongatum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	ground
Rhabdoweisia fugax	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Rhizomnium punctatum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Rhytidium rugosum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	rock
Sanionia uncinata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Scapania uliginosa	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Scapania undulata	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Scorpidium revolvens	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog

Sphagnum capillifolium	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum fuscum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum girgensohnii	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum platyphyllum	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum russowii	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Sphagnum subnitens	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum teres	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Sphagnum warnstorfii	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Splachnum sphaericum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	dung
Straminergon stramineum	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Syntrichia ruralis	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Tortella tortuosa	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	rock
Tortula leucostoma	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground
Warnstorfia exannulata	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	wet ground
Warnstorfia sarmentosa	**52**	IT	08.08.16	2,015 – 2,200 m a.s.l.	bog
Weissia rutilans	**52**	IT	24.08.12	2,011 – 2,153 m a.s.l.	ground

53 Kurzras, 32T 0634000 5181000
From Kurzras village towards Bildstöckljoch back near skiing slope; *Larix* woodland, meadow, pasture, skiing slope, boulders, bog; altitudinal range 2,153 – 2,210 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Aneura pinguis	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Anthelia juratzkana	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	snow patch
Aulacomnium palustre	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Barbilophozia lycopodioides	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Bartramia ithiphylla	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock
Blindia acuta	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog

Brachythecium salebrosum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Bryum alpinum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	wet rock
Bryum pallens	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	wet ground
Bryum pseudotriquetrum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Campylium stellatum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Ceratodon purpureus	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Dichodontium palustre	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Dicranella heteromalla	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Dicranoweisia crispula	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock
Dicranum bonjeanii	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Dicranum scoparium	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock, ground
Grimmia caespitica	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock
Hylocomium splendens	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Hypnum cupressiforme	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Leucobryum glaucum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Marsupella alpina	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	snow patch
Odontoschisma elongatum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	snow patch
Oligotrichum hercynicum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Pellia epiphylla	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Philonotis seriata	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Pleurozium schreberi	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Pogonatum urnigerum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock
Pohlia nutans	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Polytrichastrum alpinum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Polytrichum juniperinum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Polytrichum piliferum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	rock
Polytrichum strictum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Racomitrium elongatum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Rhizomnium punctatum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Sanionia uncinata	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Scapania uliginosa	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog

Sphagnum capillifolium	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Sphagnum compactum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Sphagnum fuscum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Sphagnum teres	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Straminergon stramineum	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Syntrichia ruralis	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Tortula leucostoma	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	ground
Warnstorfia exannulata	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog
Warnstorfia sarmentosa	**53**	IT	24.08.12	2,153 – 2,210 m a.s.l.	bog

54 Tisenhof, 32T 0641000 5178000
Different trails to Tisenhof and upwards; *Larix* woodland, meadow, pasture, boulders, river bank; altitudinal range ca. 1,740 – 2,450 m a.s.l., Tisenhof 1,814 – 1,817 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**54**	IT	24.08.00	1,817 m a.s.l., 2,039 m a.s.l.	rock
Anastrophyllum minutum	**54**	IT	24.08.00	2,051 m a.s.l.	track bank
Andreaea rothii	**54**	IT	24.08.00	2,095 m a.s.l.	rock
Andreaea rupestris	**54**	IT	24.08.00	2,023 m, 2025 m, 2,070 m, 2,310 m, 2376 m a.s.l.	rock
Anthelia juratzkana	**54**	IT	24.08.00	2375 m a.s.l.	snow patch
Atrichum undulatum	**54**	IT	24.08.00	1,817 m a.s.l.	ground
Barbilophozia hatcheri	**54**	IT	24.08.00	2,000 m, 2078 m, 2,310 m, 2376 m a.s.l.	ground
Bartramia halleriana	**54**	IT	24.08.00	2,023 m a.s.l., 2,069 m a.s.l.	rock
Bartramia ithiphylla	**54**	IT	24.08.00	2,160 m a.s.l., 2,310 m a.s.l.	rock
Brachytheciastrum velutinum	**54**	IT	24.08.00	2,174 m a.s.l.	ground
Brachythecium salebrosum	**54**	IT	24.08.00	2,051 m a.s.l.	ground
Bryum argenteum	**54**	IT	24.08.00	1,740 m a.s.l.	track bank
Calypogeia fissa	**54**	IT	24.08.00	2,204 m a.s.l.	track bank
Calypogeia neesiana	**54**	IT	24.08.00	2,340 m a.s.l.	track bank

Cephalozia bicuspidata	**54**	IT	24.08.00	2,083 m a.s.l.	ground
Ceratodon purpureus	**54**	IT	24.08.00	1,740 m a.s.l., 2,237 m a.s.l.	track bank
Climacium dendroides	**54**	IT	24.08.00	1,925 m a.s.l.	wet ground
Coscinodon cribrosus	**54**	IT	24.08.00	2,310 m a.s.l.	rock
Cynodontium polycarpon	**54**	IT	24.08.00	2,223 m a.s.l.	rock
Dicranodontium denudatum	**54**	IT	08.06.05	2,225 – 2,400 m a.s.l.	rock
Dicranoweisia crispula	**54**	IT	24.08.00	2,037 m a.s.l.	rock
Dicranum muehlenbeckii	**54**	IT	24.08.00	1,941 m a.s.l.	ground
Dicranum scoparium	**54**	IT	24.08.00	1,941 m, 2,145 m, 2,184 m, 2,220 m a.s.l.	rock
Diphyscium foliosum	**54**	IT	24.08.00	2,373 m a.s.l.	ground
Diplophyllum taxifolium	**54**	IT	24.08.00	2,070 m, 2314 m, 2377 m a.s.l.	moist rock
Distichium capillaceum	**54**	IT	24.08.00	2345 m a.s.l.	rock
Encalypta ciliata	**54**	IT	24.08.00	2,220 m a.s.l.	rock
Encalypta microstoma	**54**	IT	24.08.00	2,181 m a.s.l.	rock
Encalypta rhaptocarpa	**54**	IT	24.08.00	2,220 m a.s.l., 2,370 m a.s.l.	rock
Entodon concinnus	**54**	IT	11.06.02	1,740 – 2,050 m a.s.l.	ground dry
Eurhynchiastrum pulchellum	**54**	IT	24.08.00	2,025 m a.s.l.	ground, rock wall
Grimmia caespitica	**54**	IT	24.08.00	1,740 m a.s.l.	rock
Grimmia elatior	**54**	IT	24.08.00	1,740 m a.s.l.	rock
Grimmia elongata	**54**	IT	24.08.00	2,069 m a.s.l.	rock
Grimmia incurva	**54**	IT	24.08.00	2,370 m a.s.l.	rock
Grimmia montana	**54**	IT	24.08.00	1953 m a.s.l.	rock
Gymnomitrion concinnatum	**54**	IT	24.08.00	2377 m a.s.l.	rock
Gymnomitrion coralloides	**54**	IT	24.08.00	2,070 m, 2314 m, 2377 m a.s.l.	rock
Hedwigia ciliata	**54**	IT	24.08.00	1,817 m a.s.l.	rock
Heterocladium dimorphum	**54**	IT	24.08.00	1,740 m a.s.l., 2,160 m a.s.l.	ground
Hylocomium splendens	**54**	IT	24.08.00	1,892 m a.s.l., 2158 m a.s.l.	rock face
Hypnum cupressiforme	**54**	IT	24.08.00	1,817 m, 2,039 m; 2047 m a.s.l.	rocky slope
Hypnum vaucheri	**54**	IT	24.08.00	2,041 m a.s.l.	rock
Leucodon sciuroides	**54**	IT	24.08.00, 11.06.02	1,817 – 2,050 m a.s.l.	rock
Lophocolea minor	**54**	IT	24.08.00	2,051 m a.s.l.	ground

Lophozia sudetica	**54**	IT	24.08.00	2,070 m a.s.l., 2,373 m a.s.l.	ground
Lophozia ventricosa	**54**	IT	24.08.00	2,151 m a.s.l.	ground
Marsupella brevissima	**54**	IT	24.08.00	2,310 m a.s.l.	rock
Marsupella commutata	**54**	IT	24.08.00	2,070 m a.s.l., 2,373 m a.s.l.	rock
Mielichhoferia mielichhoferiana	**54**	IT	24.08.00	2,181 m a.s.l., 2,265 m a.s.l.	rock
Mnium marginatum	**54**	IT	24.08.00	2,310 m a.s.l.	gound
Odontoschisma elongatum	**54**	IT	24.08.00	2,310 m a.s.l.	rock
Oligotrichum hercynicum	**54**	IT	24.08.00	2,300 m a.s.l.	ground
Orthotrichum anomalum	**54**	IT	08.06.05	2,225 – 2,400 m a.s.l.	rock
Orthotrichum rupestre	**54**	IT	24.08.00	2,039 m a.s.l.	rock
Palustriella commutata	**54**	IT	31.07.17	ca. 1,950 m a.s.l.	rivulet
Paraleucobryum enerve	**54**	IT	24.08.00	2,379 m a.s.l.	ground
Plagiomnium cuspidatum	**54**	IT	24.08.00	1,817 m a.s.l.	ground
Plagiopus oederianus	**54**	IT	24.08.00	2,340 m a.s.l.	rock
Plagiothecium denticulatum	**54**	IT	24.08.00	2,039 m a.s.l.	ground
Pleurozium schreberi	**54**	IT	24.08.00	1,892 m a.s.l., 2,039 m a.s.l.	ground
Pogonatum urnigerum	**54**	IT	24.08.00	2,069 m a.s.l., 2,100 m a.s.l.	scree
Pohlia cruda	**54**	IT	24.08.00	2,223 m a.s.l.	ground
Pohlia elongata	**54**	IT	24.08.00	1,817 m a.s.l.	track bank
Pohlia nutans	**54**	IT	24.08.00	1,920 m a.s.l., 2,204 m a.s.l.	ground
Pohlia wahlenbergii var. *glacialis*	**54**	IT	18.09.01	1,920 m a.s.l.	ground
Polytrichastrum alpinum	**54**	IT	24.08.00	1,817 m, 2,039 m, 2,374 m a.s.l.	rock
Polytrichastrum formosum	**54**	IT	24.08.00	1,964 m a.s.l.	ground
Polytrichum juniperinum	**54**	IT	08.06.05	2,225 – 2,400 m a.s.l.	ground
Polytrichum piliferum	**54**	IT	24.08.00	2,070 m a.s.l.	
Pseudoleskea incurvata	**54**	IT	24.08.00	2,300 m a.s.l.	rock
Pseudoleskea radicosa	**54**	IT	24.08.00	2,051 m a.s.l.	rock
Pseudoleskeella nervosa	**54**	IT	24.08.00	1,740 m a.s.l.	rock
Pterigynandrum filiforme	**54**	IT	24.08.00	1,817 m a.s.l., 1,892 m a.s.l.	rock
Ptilium crista–castrensis	**54**	IT	08.06.05	2,225 – 2,400 m a.s.l.	ground
Racomitrium elongatum	**54**	IT	24.08.00	1,956 m, 2,108 m, 2,310 m a.s.l.	ground

Radula complanata	**54**	IT	24.08.00	2,039 m a.s.l.	rock
Rhabdoweisia fugax	**54**	IT	24.08.00	2,069 m a.s.l., 2,373 m a.s.l.	rock
Rhytidiadelphus triquetrus	**54**	IT	24.08.00	2,039 m a.s.l.	rock
Rhytidium rugosum	**54**	IT	24.08.00	2,039 m, 2,083 m, 2,145 m, 2,184 m, 2,237 m, 2,345 m, 2,379 m, 2,382 m a.s.l.	rock
Sanionia uncinata	**54**	IT	24.08.00	1,892 m a.s.l., 2,041 m a.s.l.	rock
Scapania curta	**54**	IT	24.08.00	2,345 m a.s.l.	ground
Syntrichia ruralis	**54**	IT	24.08.00	1,878 m a.s.l., 1,973 m a.s.l.	ground
Tortella tortuosa	**54**	IT	24.08.00	1,892 m, 2,049 m, 2,370 m a.s.l.	rock
Tortula leucostoma	**54**	IT	24.08.00	2,223 m a.s.l.	ground

55 Raffeinerhof, 32T 0640000 5178000
Steep slope north of farm Raffeinerhof; *Larix* woodland, pasture, boulders, river bank; altitudinal range ca. 1,866 – 1,970 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	ground
Amblystegium serpens	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Amblystegium subtile	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Aneura pinguis	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Anomobryum julaceum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Atrichum undulatum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Aulacomnium palustre	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	river bank
Bartramia ithiphylla	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Brachytheciastrum velutinum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Brachythecium rivulare	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Brachythecium salebrosum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Bryum argenteum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Bryum pseudotriquetrum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	wet ground
Campylium stellatum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	wet ground

Cephalozia bicuspidata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rotten wood
Ceratodon purpureus	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Climacium dendroides	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Cratoneuron filicinum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	river
Dichodontium palustre	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	wetland
Dicranella subulata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Dicranum montanum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	stump
Dicranum scoparium	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock, ground
Diplophyllum taxifolium	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rotten wood
Eurhynchiastrum pulchellum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Grimmia elatior	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Grimmia elongata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Hedwigia ciliata	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Hylocomium splendens	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock shady
Hypnum cupressiforme	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	cut stump
Leucodon sciuroides	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock shady
Lophocolea minor	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Lophozia ventricosa	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Mnium marginatum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Mnium spinosum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Mnium stellare	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Mnium thomsonii	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Orthotrichum anomalum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Orthotrichum rupestre	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Oxyrrhynchium hians	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Palustriella commutata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	river
Philonotis fontana	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	river
Plagiomnium cuspidatum	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock, ground
Plagiomnium ellipticum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Pleurozium schreberi	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	shady rock
Pogonatum aloides	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	trackside

Pogonatum urnigerum	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	trackside
Pohlia cruda	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Polytrichum commune	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Polytrichum juniperinum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Polytrichum piliferum	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Pseudoleskeella nervosa	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Pterigynandrum filiforme	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Racomitrium elongatum	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Radula complanata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	rock
Rhytidiadelphus squarrosus	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	ground
Rhytidiadelphus triquetrus	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	ground
Rhytidium rugosum	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	rock
Sanionia uncinata	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	ground
Syntrichia ruralis	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	shady rock
Tortella fragilis	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Tortella tortuosa	**55**	IT	26.08.00	ca. 1,866 – 1,970 m a.s.l.	shady rock
Tortula subulata	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground
Weissia brachycarpa	**55**	IT	25.03.01	ca. 1,866 – 1,930 m a.s.l.	ground

56 Finailtal, 32T 0639000 5178000
Finailtal, Finail-Jausenstation (1952 m a.s.l.), Finailbach; *Larix* woodland, pasture, boulders, wetland, river bank; altitudinal range ca. 1,840 – 2,120 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Andreaea rupestris	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	rock
Atrichum undulatum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Bartramia ithiphylla	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Blindia acuta	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	river
Brachythecium rivulare	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	wet ground

Brachythecium salebrosum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Bryum pallens	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Bryum pseudotriquetrum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	wet ground
Campylium stellatum	**56**	IT	26.08.00	ca. 1,980 m a.s.l.	wetland
Ceratodon purpureus	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Climacium dendroides	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	wet place
Dichodontium palustre	**56**	IT	26.08.00	ca. 1,980 m a.s.l.	wetland
Dicranum bonjeanii	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	boulders
Dicranum montanum	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	bark, rotten wood
Dicranum scoparium	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Distichium capillaceum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Encalypta ciliata	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Eurhynchiastrum pulchellum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Grimmia longirostris	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Hedwigia ciliata	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	ground
Hylocomium splendens	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	ground
Hypnum cupresiforme	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	rock
Lescuraea saxicola	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Mnium lycopodioides	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Orthotrichum anomalum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Orthotrichum rupestre	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	rock
Palustriella commutata	**56**	IT	26.08.00	ca. 1,980 m a.s.l.	wetland
Philonotis fontana	**56**	IT	26.08.00	ca. 1,980 m a.s.l.	wetland
Philonotis seriata	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	spring
Plagiochila porelloides	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	ground
Pleurozium schreberi	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	ground
Pogonatum urnigerum	**56**	IT	26.08.00, 03.06.05	ca. 1,840 – 2,120 m a.s.l.	trackside, ground
Pohlia cruda	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Pohlia nutans	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	ground
Polytrichastrum alpinum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground

Polytrichum juniperinum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Polytrichum piliferum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Pseudoleskeella nervosa	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	rock
Pterigynandrum filiforme	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Racomitrium elongatum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock, ground
Radula complanata	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	rock
Rhizomnium punctatum	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	riverbank
Rhytidium rugosum	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock, ground
Sanionia uncinata	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground
Syntrichia ruralis	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Tetraplodon angustatum	**56**	IT	01.08.17	ca. 1,950 – 2,020 m a.s.l.	dung on boulder
Tortella tortuosa	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	rock
Tortula hoppeana	**56**	IT	03.06.05	ca. 1,840 – 2,120 m a.s.l.	ground

57 Finailtal, 32T 0639000 5179000
North of Finailhof to Finailalm; *Larix* woodland, pasture, boulders, river bank; altitudinal range ca. 2,110 – 2,307 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Amphidium mougeotii	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock at river
Andreaea rupestris	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Aulacomnium palustre	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	wet ground
Bartramia ithiphylla	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Blindia acuta	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	river
Brachytheciastrum velutinum	**57**	IT	03.06.05	ca. 2,110 – 2150 m a.s.l.	ground
Brachythecium rivulare	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	riverbank
Bryum argenteum	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Bryum pseudotriquetrum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	river bank

Campylium stellatum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	wetland
Ceratodon purpureus	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Climacium dendroides	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	ground
Dicranoweisia crispula	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Dicranum polysetum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Dicranum scoparium	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Distichium capillaceum	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Encalypta ciliata	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Encalypta rhaptocarpa	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Eurhynchiastrum pulchellum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Grimmia elatior	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Grimmia longirostris	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Hedwigia ciliata	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Heterocladium dimorphum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Homalothecium lutescens	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Hylocomium splendens	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Hypnum cupressiforme	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Isopterygiopsis muelleriana	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	gound
Lescuraea saxicola	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Oligotrichum hercynicum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Palustriella commutata	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	river
Philonotis fontana	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	wetland
Philonotis seriata	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	river bank
Pogonatum urnigerum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	trackside
Pohlia cruda	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Pohlia elongata	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Pohlia nutans	**57**	IT	01.08.17	ca. 2,120 – 2,307 m a.s.l.	stonewall
Polytrichastrum alpinum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Polytrichum juniperinum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Polytrichum piliferum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Pterigynandrum filiforme	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock

Racomitrium elongatum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock, ground
Racomitrium fasciculare	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock at river
Rhytidium rugosum	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock, ground
Sanionia uncinata	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Syntrichia ruralis	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Tortella tortuosa	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	rock
Tortula hoppeana	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Tritomaria quinquedentata	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground
Weissia controversa	**57**	IT	03.06.05	ca. 2,120 – 2,307 m a.s.l.	ground

58 Tisental, 32T 0641000 5179000
Tisental, trail to Similaunhütte, Snail hut (Schnecken Hütte); rock, pasture, dwarf-shrub heath, river, springs, scree, river bank; altitudinal range ca. 2,030 – 2,310 m a.s.l., 2,279 m a.s.l., screes up to 2,500 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	rock
Amblyodon dealbatus	**58**	IT	26.08.00	2,357 m a.s.l.	wet ground
Andreaea rupestris	**58**	IT	26.08.00	2,250 m a.s.l., 2,435 – 2,450 m a.s.l.	rock
Aneura pinguis	**58**	IT	26.08.00	2,494 m a.s.l.	wet ground
Anthelia juratzkana	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	snow patch
Apomarsupella revoluta	**58**	IT	26.08.00	2,434 m a.s.l.	rock
Aulacomnium palustre	**58**	IT	26.08.00	2,148 m a.s.l.	wet ground
Barbilophozia hatcheri	**58**	IT	26.08.00	2,167 m a.s.l.	ground
Barbilophozia lycopodioides	**58**	IT	26.08.00	2,167 m a.s.l.	ground
Bartramia ithiphylla	**58**	IT	26.08.00	2,116 m a.s.l., 2,381 m a.s.l.	rock
Blindia acuta	**58**	IT	26.08.00	2,223 – 2,254 m a.s.l.	rock at river
Brachytheciastrum velutinum	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	ground
Brachythecium rivulare	**58**	IT	26.08.00	2,226 m a.s.l.	wet ground
Brachythecium rutabulum	**58**	IT	26.08.00	2,223 – 2,254 m a.s.l.	river bank

Brachythecium salebrosum	**58**	IT	26.08.00	2,226 m a.s.l.	ground
Bryum alpinum	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	wet rock
Bryum pallens	**58**	IT	26.08.00	2,130 m a.s.l., 2,413 m a.s.l.	ground, along river
Bryum pseudotriquetrum	**58**	IT	26.08.00	2,130 m a.s.l.	ground
Bryum schleicheri	**58**	IT	11.06.02	ca. 2,030 – 2,310 m a.s.l.	streamside
Bryum schleicheri	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	streamside
Campylium stellatum	**58**	IT	26.08.00	2,494 m a.s.l.	wet ground
Cephaloziella rubella	**58**	IT	26.08.00	2,357 m a.s.l.	rock
Chiloscyphus pallescens	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Conostomum tetragonum	**58**	IT	26.08.00	2,260 m a.s.l.	ground
Dicranum muehlenbeckii	**58**	IT	26.08.00	2,297 m a.s.l., 2,413 m a.s.l.	ground, along river
Dicranum scoparium	**58**	IT	26.08.00	2,224 m a.s.l., 2,394 m a.s.l.	ground
Didymodon ferrugineus	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	rock
Diphyscium foliosum	**58**	IT	26.08.00	2,240 m a.s.l.	ground
Diplophyllum taxifolium	**58**	IT	26.08.00	2,438 m a.s.l.	rock
Distichium capillaceum	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	rock
Encalypta microstoma	**58**	IT	26.08.00	2,137 m a.s.l., 2,274 m a.s.l.	rock
Encalypta rhaptocarpa	**58**	IT	26.08.00	2,274 m a.s.l.	rock
Encalypta vulgaris	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	rock
Eurhynchiastrum pulchellum	**58**	IT	26.08.00	2,116 m a.s.l.	ground
Grimmia alpestris	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	rock
Grimmia caespitica	**58**	IT	26.08.00	2,156 m a.s.l., 2,460 m a.s.l.	rock
Grimmia elatior	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	ground
Grimmia funalis	**58**	IT	26.08.00	2,320 m a.s.l.	rock
Grimmia incurva	**58**	IT	26.08.00	2,250 m a.s.l.	rock
Grimmia mollis	**58**	IT	26.08.00	2,278 m a.s.l.	wet rock
Gymnomitrion concinnatum	**58**	IT	26.08.00	2,385 m, 2,396 m, 2,435 – 2,450 m a.s.l.	rock
Heterocladium dimorphum	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	ground
Hygrohypnum duriusculum	**58**	IT	26.08.00	2,223 – 2,254 m a.s.l.	river
Hygrohypnum luridum	**58**	IT	26.08.00	2,141 m a.s.l.	river
Hylocomium splendens	**58**	IT	26.08.00	2,393 m a.s.l., 2,404 m a.s.l.	ground

Hypnum cupressiforme	**58**	IT	26.08.00	2,156 m a.s.l.	rock
Hypnum revolutum	**58**	IT	26.08.00	2,145 m a.s.l.	rock
Hypnum vaucheri	**58**	IT	26.08.00	2,357 m a.s.l.	rock
Isopterygiopsis muelleriana	**58**	IT	26.08.00	2,116 m a.s.l.	ground
Jungermannia confertissima	**58**	IT	26.08.00	2,116 m a.s.l.	ground
Kiaeria blyttii	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Leiocolea heterocolpos	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Lophozia sudetica	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l., 2,435 – 2,450 m a.s.l.	snow patch
Lophozia ventricosa	**58**	IT	26.08.00	2,167 m a.s.l., 2,435 – 2,450 m a.s.l.	ground
Marsupella brevissima	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	rock
Marsupella commutata	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	rock
Mnium spinosum	**58**	IT	26.08.00	2,226 m a.s.l.	ground
Odontoschisma elongatum	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Oligotrichum hercynicum	**58**	IT	26.08.00	2,456 m a.s.l.	ground
Oncophorus virens	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l., 2,413 m a.s.l.	wetland, at river
Palustriella commutata	**58**	IT	26.08.00	2,223 – 2,254 m a.s.l.	at river
Paraleucobryum enerve	**58**	IT	26.08.00	2,439 – 2,450 m a.s.l., 2,497 m a.s.l.	rock
Philonotis fontana	**58**	IT	26.08.00	2,148 m a.s.l.	wet ground
Philonotis seriata	**58**	IT	26.08.00	2,223 m a.s.l.	river
Plagiomnium medium	**58**	IT	26.08.00	2,148 m a.s.l.	ground
Plagiomnium undulatum	**58**	IT	26.08.00	2,148 m a.s.l.	ground
Pogonatum urnigerum	**58**	IT	26.08.00	2,209 m a.s.l.	trackside
Pohlia drummondii	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Pohlia elongata	**58**	IT	26.08.00	2,339 m a.s.l.	rock
Pohlia nutans	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Polytrichastrum alpinum	**58**	IT	26.08.00	2,116 m a.s.l.	ground
Polytrichum juniperinum	**58**	IT	26.08.00	2,413 m a.s.l.	along river
Polytrichum piliferum	**58**	IT	26.08.00	2,136 m a.s.l.	rock
Pseudoleskea patens	**58**	IT	11.06.02	2,163 m a.s.l.	rock
Pterigynandrum filiforme	**58**	IT	26.08.00	2,139 m a.s.l.	rock
Racomitrium elongatum	**58**	IT	26.08.00	2,116 m a.s.l.	rock, ground

Racomitrium ericoides	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	ground
Racomitrium macounii	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l., 2,400 m a.s.l.	rock
Rhabdoweisia fugax	**58**	IT	26.08.00	2,317 m a.s.l.	rock
Rhytidium rugosum	**58**	IT	26.08.00	2128 m a.s.l., 2497 m a.s.l.	rock, ground
Sanionia uncinata	**58**	IT	26.08.00	2,141 m, 2,404 m, 2,435 – 2,450 m a.s.l.	ground, rock
Scapania mucronata	**58**	IT	26.08.00	2,357 m a.s.l.	ground
Scapania umbrosa	**58**	IT	26.08.00	ca. 2,030 – 2,310 m a.s.l.	ground
Syntrichia ruralis	**58**	IT	11.06.02	2,030 – 2,310 m a.s.l.	rock
Tortella fragilis	**58**	IT	11.06.02	2,279 m a.s.l.	rock
Tortella tortuosa	**58**	IT	11.06.02	2,279 m a.s.l.	rock
Tortula hoppeana	**58**	IT	26.08.00	2,147 m a.s.l.	ground
Tortula leucostoma	**58**	IT	26.08.00	ca. 2,460 m a.s.l.	ground
Warnstorfia exannulata	**58**	IT	26.08.00	2,148 m a.s.l., 2,223 – 2,254 m a.s.l.	wet ground, riverbank

59 Tisental, 32T 0640000 5179000
Tisental, trail to Similaunhütte; rock, pasture, dwarf-shrub heath, springs, scree, river bank; altitudinal range ca 2,000 – 2,400 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Aulacomnium palustre	**59**	IT	11.06.02	ca. 2,000 – 2,400 m a.s.l.	wet ground
Bartramia ithiphylla	**59**	IT	26.07.01	ca. 2,000 m a.s.l.	silicate rock
Brachythecium salebrosum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Bryum pallens	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Cephalozia bicuspidata	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Dicranella subulata	**59**	IT	31.08.00,	2,120 m a.s.l.	ground
Dicranum muehlenbeckii	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Dicranum scoparium	**59**	IT	31.08.00, 26.07.01	ca. 2,000 m a.s.l., 2,120 m a.s.l.	silicate rock (shist)/gravel
Encalypta vulgaris	**59**	IT	26.07.01	ca. 2,000 m a.s.l.	silicate rock

Grimmia longirostris	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Hetrocladium dimorphum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Hylocomium splendens	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Hypnum revolutum	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Lophozia sudetica	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Mnium spinosum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Oligotrichum hercynicum	**59**	IT	31.08.00	2,120 m a.s.l.	trackside
Oncophorus virens	**59**	IT	31.08.00	2,120 m a.s.l.	wet ground
Philonotis seriata	**59**	IT	31.08.00	2,120 m a.s.l.	wet ground
Pogonatum urnigerum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Pohlia annotina agg.	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Polytrichastrum alpinum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Polytrichum piliferum	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Pseudoleskea radicosa	**59**	IT	26.07.01	ca 2,000 m a.s.l.	rock
Racomitrium elongatum	**59**	IT	31.08.00, 26.07.01	ca. 2,000 m a.s.l., 2,120 m a.s.l.	silicate rock (shist)/gravel
Racomitrium lanuginosum	**59**	IT	26.07.01	ca. 2,000 m a.s.l.	silicate rock (shist)/gravel
Rhytidium rugosum	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Sanionia uncinata	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Sciuro-hypnum reflexum	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Syntrichia norvegica	**59**	IT	31.08.00	2,120 m a.s.l.	ground
Syntrichia ruralis	**59**	IT	31.08.00	2,120 m a.s.l.	rock
Tortella fragilis	**59**	IT	26.07.01	ca. 2,000 m a.s.l.	silicate rock
Tortella tortuosa	**59**	IT	26.07.01, 11.06.02	ca 2,000 – 2,400 m a.s.l.	rock

60 Tisental, 32T 0641000 5180000
Tisental, trail to Similaunhütte; rock, pasture, dwarf-shrub heath, springs, scree, river bank; altitudinal range 2,255 – 2,530 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**60**	IT	11.06.02	2,310 – 2,530 m a.s.l.	rock
Anthelia juratzkana	**60**	IT	11.06.02	2,420 m a.s.l.	snowfield
Aulacomnium palustre	**60**	IT	11.06.02, 28.08.00	2,353 m a.s.l.	wet ground
Barbilophozia hatcheri	**60**	IT	28.08.00	2,420 m a.s.l.	ground
Bartramia ithiphylla	**60**	IT	28.08.00	2,318 m a.s.l.	ground
Brachytheciastrum velutinum	**60**	IT	28.08.00	2,420 m a.s.l.	ground
Brachythecium rutabulum	**60**	IT	28.08.00	2,318 m a.s.l.	wet ground
Bryum pallens	**60**	IT	28.08.00	2,318 m a.s.l.	river bank
Bryum pseudotriquetrum	**60**	IT	11.06.02, 28.08.00	2,310 – 2,530 m a.s.l.	wet ground
Calliergon cordifolium	**60**	IT	28.08.00	2,420 m a.s.l.	river bank
Calliergonella cuspidata	**60**	IT	11.06.02	2,353 m a.s.l.	wet ground
Cephalozia bicuspidata	**60**	IT	28.08.00	ca. 2,255 m a.s.l.	river bank
Ceratodon purpureus	**60**	IT	11.06.02	2,318 m a.s.l.	ground
Climacium dendroides	**60**	IT	11.06.02	2,353 m a.s.l.	wet ground
Dicranoweisia crispula	**60**	IT	11.06.02	2,310 – 2,530 m a.s.l.	rock
Dicranum scoparium	**60**	IT	11.06.02	2,353 m a.s.l., 2,420 m a.s.l.	ground
Diplophyllum taxifolium	**60**	IT	28.08.00	2,318 m a.s.l.	rock crevice
Encalypta alpina	**60**	IT	11.06.02	2,353 m a.s.l., 2,400 m a.s.l.	rock
Encalypta ciliata	**60**	IT	28.08.00	2,318 m a.s.l.	rock crevice
Grimmia incurva	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Hypnum cupressiforme	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Hypnum revolutum	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Lescuraea saxicola	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Lophozia ventricosa	**60**	IT	28.08.00	2,420 m a.s.l.	ground
Marchantia polymorpha	**60**	IT	11.06.02	2,353 m a.s.l.	river
Marsupella brevissima	**60**	IT	28.08.00	ca. 2,255 m a.s.l.	river bank

Mielichhoferia mielichhoferiana	**60**	IT	28.08.00	2,430 m a.s.l.	rock
Odontoschisma elongatum	**60**	IT	28.08.00	2,420 m a.s.l.	snow patch
Oligotrichum hercynicum	**60**	IT	28.08.00	2,318 m a.s.l., 2,420 m a.s.l.	trackside, ground
Oncophorus virens	**60**	IT	28.08.00	2,420 m a.s.l.	wetland
Paraleucobryum enerve	**60**	IT	28.08.00	2,318 m a.s.l.	river bank
Pellia neesiana	**60**	IT	28.08.00	ca. 2,458 m a.s.l.	river bank
Philonotis seriata	**60**	IT	28.08.00, 11.06.02	ca. 2,255 m a.s.l., 2,310 – 2,530 m a.s.l.	wet ground, spring
Pogonatum urnigerum	**60**	IT	11.06.02	2,353 m a.s.l.	trackside
Pohlia drummondii	**60**	IT	28.08.00	2,400 m a.s.l.	wet ground
Pohlia ludwigii	**60**	IT	28.08.00	2,400 m a.s.l.	wet ground
Polytrichastrum alpinum	**60**	IT	11.06.02	2,353 m a.s.l.	ground
Polytrichum juniperinum	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Polytrichum piliferum	**60**	IT	28.08.00	2,353 m a.s.l.	river bank
Pseudoleskea patens	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Pterigynandrum filiforme	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Racomitrium elongatum	**60**	IT	28.08.00	2,310 – 2,530 m a.s.l.	trackside
Racomitrium lanuginosum	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Rhabdoweisia fugax	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Rhytidium rugosum	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Sanionia uncinata	**60**	IT	28.08.00	2,318 m a.s.l.	river bank
Scapania undulata	**60**	IT	28.08.00	2,353 m a.s.l.	river
Syntrichia norvegica	**60**	IT	28.08.00	2,420 m a.s.l.	rock
Syntrichia ruralis	**60**	IT	11.06.02	2,353 m a.s.l., 2,420 m a.s.l.	rock
Tortella fragilis	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Tortella tortuosa	**60**	IT	11.06.02	2,400 m a.s.l., 2,450 m a.s.l.	rock
Tortula hoppeana	**60**	IT	28.08.00	2,318 m a.s.l.	rock
Warnstorfia exannulata	**60**	IT	28.08.00	2,380 m a.s.l.	river bank

61 Tisental, 32T 0640000 5180000
Tisental, trail to Similaunhütte; pasture, dwarf-shrub heath, springs, wetland, scree, rock, river bank; altitudinal range 2,310 – 2,530 m a.s.l. and 2,600 – 2,680 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea alpestris	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Andreaea rupestris	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Anthelia juratzkana	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	snowpatch
Bartramia ithiphylla	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Brachytheciastrum velutinum	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	ground
Warnstorfia sarmentosa	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Dicranum muehlenbeckii	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Dicranum scoparium	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Encalypta rhaptocarpa	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	rock
Grimmia longirostris	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Gymnomitrion concinnatum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Gymnomitrion coralloides	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Kiaeria starkei	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Lescuraea saxicola	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	rock
Lophozia ventricosa	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Marsupella brevissima	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Oligotrichum hercynicum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	ground
Pogonatum urnigerum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	ground
Pohlia drummondii	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Polytrichastrum alpinum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	ground
Polytrichum juniperinum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place
Polytrichum piliferum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Racomitrium affine	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	rock
Racomitrium elongatum	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	ground
Rhytidium rugosum	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	rock
Sanionia uncinata	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	rock
Syntrichia norvegica	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	ground

Syntrichia ruralis	**61**	IT	11.06.02	2,600 – 2,680 m a.s.l.	rock
Warnstorfia exannulata	**61**	IT	31.08.00	2,600 – 2,680 m a.s.l.	wet place

62 Similaunhütte, 32T 0642000 5181000
Trail up to Similaun Spitz over glacier starting from Similaunhütte; pioneer vegetation, open rock; altitudinal range 3,036 – 3,242 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**62**	AT & IT	29.08.00	3,036 m a.s.l.	rock
Anthelia juratzkana	**62**	AT & IT	29.08.00	3,036 m a.s.l.	snow patch
Barbilophozia lycopodioides	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Bartramia ithiphylla	**62**	AT & IT	29.08.00	3,036 m a.s.l.	rock
Bryum alpinum	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Bryum argenteum	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Ceratodon purpureus	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Coscinodon cribrosus	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Grimmia incurva	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Gymnomitrion concinnatum	**62**	AT & IT	29.08.00	3,036 m a.s.l.	gravel
Pleurocladula albescens	**62**	AT & IT	29.08.00	3,036 m a.s.l.	gravel
Pogonatum urnigerum	**62**	AT & IT	29.08.00	3,036 m a.s.l.	gravel
Pohlia cruda	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Pohlia drummondii	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Polytrichastrum alpinum	**62**	AT & IT	29.08.00	3,036 m a.s.l.	gravel
Polytrichastrum sexangulare	**62**	AT & IT	29.08.00	3,036 m a.s.l.	snow patch
Polytrichum piliferum	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Racomitrium elongatum	**62**	AT & IT	17.08.06	3,242 m a.s.l.	gravel
Racomitrium lanuginosum	**62**	AT & IT	29.08.00	3,036 m a.s.l.	gravel

63 Niederjoch, 32T 0641000 5181000
Niederjoch near Similaunhütte; pioneer vegetation, open rock; altitude ca. 3,019 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum minutum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Andreaea alpestris	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Andreaea rupestris	**63**	AT & IT	29.08.00	3,100 m a.s.l.	rock crevices
Anthelia juratzkana	**63**	AT & IT	29.08.00	3,019 m a.s.l.	snow patch
Barbilophozia hatcheri	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Bartramia ithiphylla	**63**	AT & IT	29.08.00	3,095 m a.s.l.	rock crevices
Bryum alpinum	**63**	AT & IT	29.08.00	2,550 m a.s.l.	ground
Bryum argenteum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Ceratodon purpureus	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Conostomum tetragonum	**63**	AT & IT	29.08.00	ca. 3,050 m a.s.l.	ground
Coscinodon cribrosus	**63**	AT & IT	04.09.01	3,168 m a.s.l.	rock
Diplophyllum taxifolium	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Distichium capillaceum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Encalypta ciliata	**63**	AT & IT	29.08.00	2,528 m a.s.l.	rock
Encalypta microstoma	**63**	AT & IT	29.08.00	ca. 3,050 m a.s.l.	ground
Grimmia alpestris	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Grimmia anodon	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Grimmia donniana	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Grimmia elongata	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Grimmia funalis	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Grimmia incurva	**63**	AT & IT	29.08.00	3,168 m a.s.l.	rock crevices
Grimmia laevigata	**63**	AT & IT	29.08.00	2,890 m a.s.l.	ground
Grimmia longirostris	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Grimmia mollis	**63**	AT & IT	29.08.00	2,890 m a.s.l.	wet rock
Grimmia montana	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Grimmia reflexidens	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock
Gymnocolea inflata	**63**	AT & IT	11.06.02	ca. 2,700 m a.s.l.	ground

Gymnomitrion concinnatum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Gymnomitrion coralloides	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Hypnum cupressiforme	**63**	AT & IT	11.06.02	ca. 2,600 m a.s.l.	ground
Hypnum revolutum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Hypnum vaucheri	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Isopterygiopsis muelleriana	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Isopterygiopsis pulchella	**63**	AT & IT	11.06.02	ca. 2,700 m a.s.l.	ground
Lophozia sudetica	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Marsupella alpina	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Marsupella commutata	**63**	AT & IT	11.06.02	ca. 2,700 m a.s.l.	ground
Marsupella sphacelata	**63**	AT & IT	29.08.00	2,820 m a.s.l.	rock
Mielichhoferia mielichhoferiana	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Oligotrichum hercynicum	**63**	AT & IT	29.08.00	3,095 m a.s.l.	ground
Philonotis seriata	**63**	AT & IT	29.08.00	2,528 m a.s.l.	wet ground
Pleurocladula albescens	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Pogonatum urnigerum	**63**	AT & IT	29.08.00	3,150 m a.s.l.	ground
Pohlia cruda	**63**	AT & IT	04.09.01	3,168 m a.s.l.	gravel
Pohlia drummondii	**63**	AT & IT	04.09.01	3,168 m a.s.l.	gravel
Pohlia nutans	**63**	AT & IT	29.08.00	3,050 m a.s.l.	ground
Polytrichastrum alpinum	**63**	AT & IT	29.08.00	3,019 m a.s.l.	rock crevices
Polytrichastrum sexangulare	**63**	AT & IT	29.08.00	3,095 m a.s.l.	snow patch
Polytrichum piliferum	**63**	AT & IT	04.09.01	3,168 m a.s.l.	gravel
Racomitrium elongatum	**63**	AT & IT	29.08.00	3,114 m a.s.l.	rock crevices
Racomitrium lanuginosum	**63**	AT & IT	29.08.00	3,195 m a.s.l.	rock crevices
Rhabdoweisia fugax	**63**	AT & IT	11.06.02	ca. 2,700 m a.s.l.	ground
Syntrichia norvegica	**63**	AT & IT	11.06.02	ca. 2,600 m a.s.l.	rock
Syntrichia ruralis	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Tortula muralis	**63**	AT & IT	29.08.00	3,019 m a.s.l.	ground
Tritomaria scitula	**63**	AT & IT	29.08.00	3,050 m a.s.l.	ground
Warnstorfia exannulata	**63**	AT & IT	11.06.02	ca. 2,600 m a.s.l.	wet ground

64 Tisental, 32T 0640000 5181000
Tisental down from Similaunhütte; pioneer vegetation, open rock, gravel, river bank; altitudinal range ca. 2,500 – 2,590 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amphidium mougeotii	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	rock
Andreaea rupestris	**64**	IT	29.08.00	2,560 m a.s.l., 2,590 m a.s.l.	rock
Anthelia juratzkana	**64**	IT	29.08.00	2,560 – 2,590 m a.s.l.	snow patch
Bartramia ithiphylla	**64**	IT	29.08.00	2,535 – 2,580 m a.s.l.	rock
Blindia acuta	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	wet rock
Brachythecium rutabulum	**64**	IT	31.08.00	2,550 – 2,580 m a.s.l.	ground
Bryum pseudotriquetrum	**64**	IT	31.08.00	2,590 m a.s.l.	wet ground
Campylopus fragilis	**64**	IT	31.08.00	2,550 m a.s.l.	ground
Cephalozia ambigua	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	snow patch
Ceratodon purpureus	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	ground
Cirriphyllum piliferum	**64**	IT	31.08.00	2,580 m a.s.l.	ground
Coscinodon cribrosus	**64**	IT	31.08.00	2,580 – 2,590 m a.s.l.	rock
Dicranum muehlenbeckii	**64**	IT	31.08.00	2,580 – 2,585 m a.s.l.	ground
Dicranum scoparium	**64**	IT	29.08.00	2,580 m a.s.l.	rock
Diplophyllum taxifolium	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Ditrichum flexicaule	**64**	IT	31.08.00	2,535 m a.s.l.	rock
Encalypta vulgaris	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	rock
Grimmia incurva	**64**	IT	11.06.02	2,500 – 2,590 m a.s.l.	rock
Grimmia mollis	**64**	IT	31.08.00	2,585 m a.s.l.	wet rock
Gymnomitrion concinnatum	**64**	IT	31.08.00	ca. 2,550 – 2,590 m a.s.l.	rock
Gymnomitrion coralloides	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Heterocladium dimorphum	**64**	IT	31.08.00	ca. 2,585 – 2,590 m a.s.l.	ground
Hygrohypnum alpinum	**64**	IT	31.08.00	ca. 2,580 – 2,590 m a.s.l.	river
Hypnum cupressiforme	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Isopterygiopsis muelleriana	**64**	IT	31.08.00	ca. 2,550 m a.s.l.	ground
Kiaeria falcata	**64**	IT	31.08.00	ca. 2,585 – 2,590 m a.s.l.	snow patch
Lophozia sudetica	**64**	IT	31.08.01	ca. 2,550 – 2,585 m a.s.l.	ground

Marsupella brevissima	**64**	IT	29.08.00	2,560 m a.s.l.	rock
Odontoschisma elongatum	**64**	IT	31.08.01	ca. 2,535 m a.s.l.	ground
Oligotrichum hercynicum	**64**	IT	29.08.00, 31.08.00	2,580 – 2,590 m a.s.l.	ground
Paraleucobryum enerve	**64**	IT	31.08.00	2,570 m a.s.l.	ground
Philonotis seriata	**64**	IT	31.08.00	2,580 – 2,590 m a.s.l.	river
Pleurozium schreberi	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Pogonatum urnigerum	**64**	IT	29.08.00	2,585 m a.s.l.	rock
Pohlia cruda	**64**	IT	31.08.00	2,535 m a.s.l.	ground
Pohlia drummondii	**64**	IT	31.08.00	2,535 – 2,590 m a.s.l.	wet ground
Polytrichastrum sexangulare	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	snow patch
Polytrichum juniperinum	**64**	IT	31.08.00	2,550 – 2,590 m a.s.l.	ground
Polytrichum piliferum	**64**	IT	29.08.00, 31.08.00	2,560 – 2,590 m a.s.l.	rock
Porella platyphylla	**64**	IT	30.08.01	ca. 2,580 m a.s.l.	rock
Pseudoleskea incurvata	**64**	IT	31.08.01	ca. 2,580 m a.s.l.	rock
Racomitrium elongatum	**64**	IT	31.08.00	2,570 – 2,590 m a.s.l.	rock
Racomitrium ericoides	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	rock
Racomitrium lanuginosum	**64**	IT	29.08.00	2,585 m a.s.l.	rock
Racomitrium sudeticum	**64**	IT	31.08.00	2,580 m a.s.l.	rock
Rhytidium rugosum	**64**	IT	29.08.00	2,550 m a.s.l.	rock
Sanionia uncinata	**64**	IT	29.08.00, 31.08.00	2,550 – 2,590 m a.s.l.	rock
Scapania irrigua	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	ground
Scapania mucronata	**64**	IT	31.08.00	2,535 m a.s.l.	ground
Scapania uliginosa	**64**	IT	31.08.00	2,585 – 2,590 m a.s.l.	river
Scapania undulata	**64**	IT	31.08.00	2,535 – 2,585 m a.s.l.	river
Schistidium dupretii	**64**	IT	31.08.00	2,590 m a.s.l.	rock
Sciuro-hypnum reflexum	**64**	IT	12.06.02	ca. 2,500 – 2,590 m a.s.l.	rock
Syntrichia norvegica	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Syntrichia ruralis	**64**	IT	31.08.00	2,550 m a.s.l.	ground
Tortella fragilis	**64**	IT	11.06.02	2,580 m a.s.l.	rock

Tortella tortuosa	**64**	IT	29.08.00	ca. 2,500 – 2,590 m a.s.l.	rock
Tortula leucostoma	**64**	IT	31.08.00	2,535 m a.s.l.	ground

65 Niederjochferner, 32T 0641000 5182000
At Niederjochferner, near Iceman site; pioneer vegetation, open rock, gravel, snow patch; altitude ca. 3,200 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea nivalis	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	rock
Andreaea rothii	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch
Andreaea rupestris	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Anthelia juratzkana	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	snow patch
Bartramia ithiphylla	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Cephalozia bicuspidata	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch
Coscinodon cribrosus	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	gravel, rock crevices
Encalypta ciliata	**65**	AT & IT	29.08.00	ca. 3,150 m a.s.l.	rock crevices
Grimmia incurva	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Grimmia reflexidens	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Gymnomitrion concinnatum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Gymnomitrion coralloides	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Marsupella brevissima	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Oligotrichum hercynicum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil
Pogonatum urnigerum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil
Pohlia cruda	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Pohlia drummondii	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	gravel, rock crevices
Polytrichastrum alpinum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil
Polytrichastrum sexangulare	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	gravel, rock crevices
Polytrichum piliferum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices
Racomitrium elongatum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil
Racomitrium lanuginosum	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices

Tritomaria quinquedentata	**65**	AT & IT	04.09.01	ca. 3,200 m a.s.l.	soil, snow patch, gravel, rock crevices

66 Site of the Iceman, 32T 0640000 5182000
At Niederjochferner, at place of discovery; pioneer vegetation, open rock, gravel, snow patch; altitude around 3,210 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea nivalis	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Andreaea rupestris	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Cephalozia ambigua	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Cephaloziellaa rubella	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Coscinodon cribrosus	**66**	AT & IT	16.08.06	3,200 m a.s.l.	gravel
Grimmia funalis	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Grimmia incurva	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Grimmia triformis	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Gymnomitrion concinnatum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock, snow patch
Lophozia sudetica	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, snow patch
Marsupella brevissima	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, snow patch
Marsupella commutata	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Mielichhoferia elongata	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Oligotrichum hercynicum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	ground
Paraleucobryum enerve	**66**	AT & IT	16.08.06	3,225 m a.s.l.	gravel
Pogonatum urnigerum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock crevice
Pohlia cruda	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, snow patch
Pohlia drummondii	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock crevices, snow patch
Pohlia nutans	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, snow patch
Polytrichastrum alpinum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, rock crevice
Polytrichastrum sexangulare	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Polytrichum juniperinum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	soil, rock crevice

Polytrichum piliferum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	rock
Racomitrium lanuginosum	**66**	AT & IT	29.08.00	ca. 3,200 m a.s.l.	ground

67 Niederjochferner, 32T 0643000 5183000
At Niederjochferner, towards Martin-Busch-Hütte; moraine, scree, river bank, spring, snow patch; altitude ca. 2,620 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Aneura pinguis	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Bartramia ithiphylla	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Cephalozia bicuspidata	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Conostomum tetragonum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Dicranoweisia crispula	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Grimmia incurva	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Gymnomitrion concinnatum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Kiaeria falcata	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Kiaeria starkei	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Lophozia sudetica	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Marsupella brevissima	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Odontoschisma elongatum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Oligotrichum hercynicum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Philonotis seriata	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	river
Pogonatum urnigerum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Pohlia nutans	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Polytrichastrum alpinum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Polytrichastrum sexangulare	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	snow patch
Polytrichum piliferum	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Racomitrium ericoides	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	rock
Sanionia uncinata	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground
Tortula leucostoma	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	ground

Warnstorfia exannulata	**67**	AT	06.09.01	ca. 2,620 m a.s.l.	river

68 Niederjochferner, 32T 0642000 5183000
At Niederjochferner, towards Martin-Busch-Hütte; moraine, scree, river bank, spring, snow patch; altitudinal range ca. 2,620 – 2,880 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea nivalis	**68**	AT	16.08.06	ca. 2,790 m a.s.l.	wet rock
Andreaea rupestris	**68**	AT	16.08.06	ca. 2,790 m a.s.l.	wet rock
Anthelia juratzkana	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	snow patch
Bartramia ithiphylla	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Bryum pseudotriquetrum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	streamside
Cephalozia ambigua	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	snow patch
Cephalozia bicuspidata	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	snow patch
Conostomum tetragonum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Grimmia longirostris	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Grimmia mollis	**68**	AT	16.08.06	ca. 2,790 m a.s.l.	wet rock
Grimmia trichophylla	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Gymnomitrion concinnatum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Jungermannia hyalina	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	river bank
Lophozia sudetica	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Marsupella brevissima	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Odontoschisma elongatum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Oligotrichum hercynicum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Oncophorus virens	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	bogy place
Philonotis fontana	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	streamside
Philonotis seriata	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	river
Pogonatum urnigerum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Pohlia cruda	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock/ground
Pohlia drummondii	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	streamside

Pohlia nutans	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock/ground
Polytrichastrum sexangulare	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	snow patch
Polytrichum piliferum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	rock
Racomitrium elongatum	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Sanionia uncinata	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground, river bank
Scapania subalpina	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	river
Tortula leucostoma	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	ground
Warnstorfia exannulata	**68**	AT	06.09.01	ca. 2,620 – 2,880 m a.s.l.	river

69 Above Martin-Busch-Hütte, 32T 0640000 5183000
Trail towards Martin-Busch-Hütte; pioneer vegetation, moraine, scree, river bank, spring, snow patch; altitude ca. 2,550 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Bartramia ithiphylla	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	rock
Dicranum bonjeanii	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	ground
Polytrichum juniperinum	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	ground
Polytrichum piliferum	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	ground
Racomitrium elongatum	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	ground
Tortula hoppeana	**69**	AT	02.09.01	ca. 2,550 m a.s.l.	ground

70 Above Martin-Busch-Hütte, 32T 0644000 5184000
Trail towards Martin-Busch-Hütte; pioneer vegetation, alpine pasture, moraine, scree, wetland, snow patch; altitudinal range ca. 2,500 – 2,540 m a.s.l., partly higher.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	ground
Anastrophyllum minutum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Andreaea rothii	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Andreaea rupestris	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Aneura pinguis	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	wet ground
Anthelia julacea	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	snowpatch
Anthelia juratzkana	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	snow patch
Apomarsupella revoluta	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Atrichum undulatum	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Aulacomnium palustre	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Barbilophozia hatcheri	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Barbilophozia lycopodioides	**70**	AT	03.09.01	ca. 2,500 m, 2,520 m, 2,540 m a.s.l.	rock, ground
Bartramia ithiphylla	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	rock
Bazzania tricrenata	**70**	AT	03.09.01	2,520 m a.s.l.	silicate rock (shist)
Blepharostoma trichophyllum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Blindia acuta	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	wet rock
Brachytheciastrum velutinum	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	ground
Bryum alpinum	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Bryum pseudotriquetrum	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	wet ground
Cephalozia bicuspidata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground, rock crevice
Chiloscyphus pallescens	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet bank
Climacium dendroides	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	wetland
Conostomum tetragonum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Desmatodon latifolium	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	ground

Dichodontium palustre	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	spring
Dicranella subulata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Dicranoweisia crispula	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Dicranum bonjeanii	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Dicranum muehlenbeckii	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Dicranum scoparium	**70**	AT	03.09.01	2,500 m, 2,520 m, 2,585 m a.s.l.	silicate rock (shist)
Diplophyllum taxifolium	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Distichium capillaceaum	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	ground
Encalypta rhaptocarpa	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Encalypta vulgaris	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Eurhynchiastrum pulchellum	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Fissidens osmundoides	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Grimmia funalis	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Grimmia incurva	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Grimmia longirostris	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Grimmia montana	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Grimmia reflexidens	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Grimmia triformis	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Gymnomitrion concinnatum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Gymnomitrion coralloides	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Hygrohypnum alpinum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Hylocomium splendens	**70**	AT	03.09.01	ca. 2,500 m, 2,520 m, 2,610 m a.s.l.	ground, silicate rock
Hypnum cupressiforme	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Jungermannia hyalina	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	river
Kiaeria falcata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	snowpatch
Kiaeria starkei	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Lescuraea saxicola	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Lophozia sudetica	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock, ground, snow patch
Lophozia ventricosa	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Marsupella brevissima	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock

Marsupella commutata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Marsupella sphacelata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Mielichhoferia mielichhoferiana	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	rock
Odontoschisma elongatum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Oligotrichum hercynicum	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Oncophorus virens	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	wet rock, bog
Paraleucobryum enerve	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Paraleucobryum longifolium	**70**	AT	03.09.01	2,520 m a.s.l.	silicate rock (shist)
Pellia endiviaefolia	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	rock
Philonotis fontana	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	streamside
Philonotis seriata	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	spring
Pleurozium schreberi	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Pogonatum urnigerum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	ground
Pohlia cruda	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	wet ground
Pohlia drummondii	**70**	AT	03.09.01, 15.08.05	ca. 2,500 – 2,540 m a.s.l.	trackside
Pohlia ludwigii	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	snowpatch
Pohlia nutans	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	trackside
Polytrichastrum alpinum	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Polytrichastrum sexangulare	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	snow patch
Polytrichum juniperinum	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Polytrichum piliferum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Pseudoleskea incurvata	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Racomitrium wet groundticum	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	wet rock
Racomitrium elongatum	**70**	AT	03.09.01, 15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Racomitrium fasciculare	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Racomitrium heterostichum agg.	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock

Racomitrium lanuginosum	**70**	AT	03.09.01	ca. 2,500 m, 2,520 m, 2,585 m a.s.l.	rock (shist)
Rhytidium rugosum	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Sanionia uncinata	**70**	AT	03.09.01	ca. 2,500 m, 2,520 m 2,610 m a.s.l.	ground, silicate rock (shist), river bank
Scapania subalpina	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	river
Scapania uliginosa	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground, spring
Schistidium papillosum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	rock
Sciuro-hypnum glaciale	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Sphagnum capillifolium	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Sphagnum compactum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Sphagnum girgensohnii	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wet ground
Splachnum sphaericum	**70**	AT	19.09.15	ca. 2,500 – 2,540 m a.s.l.	dung
Straminergon stramineum	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	wetland
Syntrichia ruralis	**70**	AT	03.09.01, 15.ß8.06	ca. 2,500 – 2,540 m a.s.l.	ground
Tortella fragilis	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Tortella tortuosa	**70**	AT	08.08.03	ca. 2,500 – 2,540 m a.s.l.	rock
Tortula leucostoma	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	ground
Warnstorfia exannulata	**70**	AT	03.09.01	ca. 2,500 – 2,540 m a.s.l.	streamside
Warnstorfia fluitans	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	streamside
Warnstorfia sarmentosa	**70**	AT	15.08.06	ca. 2,500 – 2,540 m a.s.l.	wet ground

71 Above Martin-Busch-Hütte, 32T 0643000 5184000
Trail towards Martin-Busch-Hütte; pioneer vegetation, alpine pasture, moraine, scree, wetland, snow patch, glacier lake; altitudinal range ca. 2,540 – 2,630 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum assimile	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Andreaea alpestris	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Andreaea nivalis	**71**	AT	08.08.03, 19.09.15	ca. 2,627 m a.s.l.	rock
Andreaea rothii	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Andreaea rupestris	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Anthelia julacea	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	streamside
Anthelia juratzkana	**71**	AT	03.09.01, 06.09.01, 19.09.15	ca. 2,540 – 2,630 m a.s.l.	snow patch
Apomarsupella revoluta	**71**	AT	03.09.01,	ca. 2,540 – 2,630 m a.s.l.	rock
Aulacomnium palustre	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Barbilophozia hatcheri	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Barbilophozia lycopodioides	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Bartramia ithiphylla	**71**	AT	03.09.01, 06.09.01, 19.09.15	ca. 2,540 – 2,630 m a.s.l.	rock
Blindia acuta	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet rock
Bryum pallens	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Bryum pseudotriquetrum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	mire
Calypogeia suecica	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Cephalozia bicuspidata	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Cephalozia pleniceps	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	wetland
Chiloscyphus pallescens	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	streamside
Cladopodiella fluitans	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	mire

Conostomum tetragonum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Dichodontium palustre	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Dicranella subulata	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Dicranoweisia crispula	**71**	AT	06.09.01, 19.09.15	ca. 2,540 – 2,630 m a.s.l.	rock
Dicranum bonjeanii	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Dicranum muehlenbeckii	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Dicranum scoparium	**71**	AT	03.09.01	2,625 m a.s.l.	rock, ground
Diplophyllum taxifolium	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock crevice
Grimmia elatior	**71**	AT	19.09.15	ca. 2,540 – 2,630 m a.s.l.	rock
Grimmia incurva	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Grimmia mollis	**71**	AT	03.09.01, 19.09.15	2,627 m a.s.l.	wet rock
Grimmia reflexidens	**71**	AT	19.09.15	ca. 2,540 – 2,630 m a.s.l.	rock
Grimmia triformis	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Gymnomitrion concinnatum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Gymnomitrion coralloides	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Hygrobiella laxifolia	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	bog
Hygrohypnum molle	**71**	AT	08.08.03, 19.09.15	ca. 2,627 m a.s.l., ca. 2,635 m a.s.l.	dripping wet rock
Hylocomium splendens	**71**	AT	03.09.01	2,625 m a.s.l.	ground
Hypnum cupresssiforme	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Kiaeria falcata	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Kiaeria starkei	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Leucobryum glaucum	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Lophozia sudetica	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock, ground
Lophozia ventricosa	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock, ground
Marsupella brevissima	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	snow patch
Marsupella sphacelata	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet rock

Mielichhoferia mielichhoferiana	**71**	AT	19.09.15	ca. 2,540 – 2,630 m a.s.l.	rock
Odontoschisma elongatum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	snow patch
Oligotrichum hercynicum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Oncophorus virens	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	bogy place
Paraleucobryum enerve	**71**	AT	03.09.01, 03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Pellia neesiana	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	bogy place
Philonotis fontana	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	streamside
Philonotis seriata	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	spring
Plagiothecium denticulatum	**71**	AT	03.09.01, 06.09.01	2,627 m a.s.l.	wet rock
Pleurocladula albescens	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Pogonatum urnigerum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Pohlia cruda	**71**	AT	03.09.01, 08.08.03	ca. 2,627 m a.s.l.	rock
Pohlia drummondii	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	streamside
Pohlia ludwigii	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	snow patch
Pohlia wahlenbergii var. *glacialis*	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Polytrichastrum alpinum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Polytrichastrum sexangulare	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	wet rock, snow patch
Polytrichum juniperinum	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Polytrichum piliferum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Racomitrium elongatum	**71**	AT	03.09.01, 06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Racomitrium lanuginosum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Racomitrium sudeticum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Rhytidium rugosum	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Sanionia uncinata	**71**	AT	03.09.01, 06.09.01	2,625 m a.s.l.	ground
Scapania uliginosa	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Scapania undulata	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground

Sciuro-hypnum reflexum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Sciuro-hypnum starkei	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Sphagnum capillifolium	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Sphagnum compactum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Sphagnum warnstorfii	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Straminergon stramineum	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	wet ground
Syntrichia norvegica	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Tortella fragilis	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	rock
Tortula leucostoma	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Tritomaria quinquedentata	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground
Warnstorfia exannulata	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	river, spring
Warnstorfia sarmentosa	**71**	AT	06.09.01	ca. 2,540 – 2,630 m a.s.l.	bogy place
Weissia rutilans	**71**	AT	03.09.01	ca. 2,540 – 2,630 m a.s.l.	ground

72 Above Martin-Busch-Hütte, 32T 0642000 5184000
Trail towards Martin-Busch-Hütte; pioneer vegetation, alpine pasture, moraine, scree, wetland, snow patch; altitude ca. 2,630 m a.s.l. and above.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Aneura pinguis	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground
Anthelia juratzkana	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	snow patch
Aulacomnium palustre	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground
Barbilophozia hatcheri	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Barbilophozia lycopodioides	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Bartramia ithiphylla	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	rock
Brachytheciastrum velutinum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Bryum pseudotriquetrum	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Cephalozia bicuspidata	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Conostomum tetragonum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Dicranum scoparium	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground

Grimmia longirostris	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	rock
Grimmia mollis	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet rock
Gymnomitrion concinnatum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	rock
Kiaeria starkei	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Lophozia sudetica	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Marsupella brevissima	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	rock
Oligotrichum hercynicum	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Pellia neesiana	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground
Philonotis fontana	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	streamside
Philonotis seriata	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground
Pogonatum urnigerum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Pohlia cruda	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Pohlia drummondii	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	streamside
Pohlia ludwigii	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Polytrichastrum alpinum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Polytrichastrum sexangulare	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	snow patch
Polytrichum piliferum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	rock
Racomitrium elongatum	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Racomitrium heterostichum agg.	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	rock
Sanionia uncinata	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Scapania subalpina	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	streamside
Scorpidium revolvens	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground
Tortula hoppeana	**72**	AT	03.09.01	ca. 2,630 m a.s.l.	ground
Tortula leucostoma	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	ground
Warnstorfia exannulata	**72**	AT	06.09.01	ca. 2,630 m a.s.l.	wet ground

73 Martin-Busch-Hütte, 32T 0644000 5185000
Martin-Busch-Hütte; pioneer vegetation, alpine pasture, scree, wetland, snow patch; altitudinal range ca. 2,320 – 2,490 m a.s.l. and ca. 2,520 – 2,630 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rothii	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	rock wet
Andreaea rupestris	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	rock
Aneura pinguis	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	wet ground
Anthelia juratzkana	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	snow patch
Aulacomnium palustre	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Barbilophozia hatcheri	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Barbilophozia lycopodioides	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Bartramia ithiphylla	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	rock
Blasia pusilla	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Blepharostoma trichophyllum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Blindia acuta	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	wet rock
Brachythecium glareosum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Brachythecium salebrosum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Bryum alpinum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	rock
Bryum argenteum	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Bryum pseudotriquetrum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Campylium stellatum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Cephalozia bicuspidata	**73**	AT	03.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Ceratodon purpureus	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Chiloscyphus pallescens	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Cirriphyllum piliferum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Cladopodiella fluitans	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Climacium dendroides	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Conostomum tetragonum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Dichodontium palustre	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Dicranella subulata	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Dicranoweisia crispula	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	rock

Dicranum bonjeanii	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Dicranum scoparium	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock, ground
Diphyscium foliosum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l., ca. 2,550 m a.s.l.	ground
Diplophyllum taxifoliium	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Distichium capillaceum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Encalypta ciliata	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Fissidens viridulus	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Grimmia hartmannii	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Gymnocolea inflata	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	wet ground
Gymnomitrion concinnatum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Heterocladium dimorphum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Hygrohypnum duriusculum	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	stream
Hypnum revolutum	**73**	AT	03.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Isopterygiopsis muelleriana	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Isopterygiopsis pulchella	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Kiaeria falcata	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	snow patch
Kiaeria starkei	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Lepidozia reptans	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Lophozia sudetica	**73**	AT	03.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Marchantia polymorpha	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Meesia uliginosa	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	wet ground
Mielichhoferia mielichhoferiana	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Mnium spinosum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Oligotrichum hercynicum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Oncophorus virens	**73**	AT	06.09.01, 15.08.06	ca. 2,320 – 2,490 m a.s.l.	bog
Palustriella commutata	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground
Pellia neesinana	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	rock wet
Philonotis calcarea	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	streamside
Philonotis fontana	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	streamside
Philonotis seriata	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	streamside
Plagiothecium denticulatum	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	ground

Pogonatum urnigerum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Pohlia cruda	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock, ground
Pohlia drummondii	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	streamside
Pohlia elongata	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	rock
Pohlia ludwigii	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Pohlia nutans	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Pohlia wahlenbergii var. *glacialis*	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Polytrichastrum alpinum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Polytrichastrum sexangulare	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Polytrichum juniperinum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Polytrichum piliferum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	rock
Pseudoleskea incurvata	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Racomitrium affine	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	rock wet
Racomitrium elongatum	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	rock
Rhizomnium punctatum	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	river bank
Rhytidium rugosum	**73**	AT	03.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Sanionia uncinata	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Scapania curta	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Scapania undulata	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	streamside
Scorpidium revolvens	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	wetland
Sphagnum capillifolium	**73**	AT	06.09.01, 08.08.06	ca. 2,320 – 2,490 m a.s.l., 2,520 m a.s.l.	wet ground
Syntrichia ruralis	**73**	AT	02.09.01	ca. 2,320 – 2,490 m a.s.l.	ground
Tortella tortuosa	**73**	AT	06.09.01	ca. 2,320 – 2,490 m a.s.l.	rock
Tortula hoppeana	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground
Tortula leucostoma	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	ground
Warnstorfia exannulata	**73**	AT	15.08.06	ca. 2,320 – 2,490 m a.s.l.	ground wet
Warnstorfia sarmentosa	**73**	AT	08.08.03	ca. 2,520 – 2,630 m a.s.l.	wet ground

74 Niedertal, 32T 0645000 5186000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, scree; altitudinal range ca. 2,220 – 2,300 m a.s.l. and above.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Aneura pinguis	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Anthelia juratzkana	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	snow patch
Aongstroemia longipes	**74**	AT	06.09.01	ca. 2,250 m a.s.l.	wet ground
Aulacomnium palustre	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Bartramia ithiphylla	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Blindia acuta	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet rock
Bryum pseudotriquetrum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Campylium stellatum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Cephalozia bicuspidata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Ceratodon purpureus	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Climacium dendroides	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Dichodontium palustre	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Dicranoweisia crispula	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Dicranum scoparium	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock, ground
Distichium capillaceum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Grimmia elatior	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Gymnocolea inflata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Kiaeria starkei	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Lophozia sudetica	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Marsupella brevissima	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Marsupella sphacelata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet rock
Meesia uliginosa	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Mnium lycopodioides	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Nardia compressa	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet rock
Oligotrichum hercynicum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Oncophorus virens	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground

Palustriella commutata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Philonotis fontana	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Pogonatum urnigerum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Pohlia cruda	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock, ground
Polytrichastrum alpinum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Polytrichum juniperinum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Polytrichum piliferum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Pseudoleskea incurvata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Pterigynandrum filiforme	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Racomitrium elongatum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Racomitrium heterostichum agg.	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Rhizomnium punctatum	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Sanionia uncinata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Scapania undulata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	streamside
Sciuro-hypnum starkei	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Scorpidium revolvens	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet rock
Sphagnum capillifolium	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet ground
Syntrichia ruralis	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Tortella fragilis	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Tortella tortuosa	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	rock
Tortula leucostoma	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	ground
Warnstorfia exannulata	**74**	AT	06.09.01	ca. 2,220 – 2,300 m a.s.l.	wet place

75 Niedertal, 32T 0644000 5186000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, scree; altitudinal range ca. 2,300 – 2,320 m a.s.l. and above.

species	square number	Country	date	elevation	substrate/habitat
Andreaea rupestris	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Aneura pinguis	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Aulacomnium palustre	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Barbilophozia hatcheri	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Bartramia ithiphylla	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Blindia acuta	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet rock
Bryum pseudotriquetrum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Campylium stellatum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Ceratodon purpureus	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Climacium dendroides	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Dichodontium palustre	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	spring
Dicranoweisia crispula	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Dicranum scoparium	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock, ground
Distichium capillaceum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Grimmia elatior	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Lescuraea saxicola	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Meesia uliginosa	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Mnium lycopodioides	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Oligotrichum hercynicum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Oncophorus virens	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Palustriella commutata	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	spring
Philonotis fontana	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	spring
Pleurozium schreberi	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Pogonatum urnigerum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Pohlia cruda	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock, ground
Polytrichastrum alpinum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Polytrichum juniperinum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground

Polytrichum piliferum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Racomitrium elongatum	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Sanionia uncinata	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Sphagnum capillifolium	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	wet ground
Syntrichia ruralis	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground
Tortella tortuosa	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	rock
Tortula leucostoma	**75**	AT	06.09.01	ca. 2,300 – 2,320 m a.s.l.	ground

76 Niedertal, 32T 0645000 5187000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, scree; altitudinal range ca. 2,130 – 2,220 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amphidium mougeotii	**76**	AT	09.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Andreaea rupestris	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Aneura pinguis	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wet ground
Anomobryum julaceum	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Aulacomnium palustre	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wet ground, wetland
Barbilophozia hatcheri	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Barbilophozia lycopodioides	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Bartramia ithiphylla	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Blindia acuta	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wet rock
Bryum pseudotriquetrum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wet ground, wetland
Ceratodon purpureum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Chiloscyphus pallescens	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	streamside
Climacium dendroides	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wet ground
Conostomum tetragonum	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Dichodontium palustre	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland
Dicranoweisia crispula	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Dicranum polysetum	**76**	AT	09.09.01	ca. 2,130 – 2,220 m a.s.l.	ground

Dicranum scoparium	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Distichium capillaceum	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Encalypta alpina	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Encalypta ciliata	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Grimmia longirostris	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Hylocomium splendens	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Lophozia sudetica	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Mnium thomsonii	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Myurella julacea	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Nardia scalaris	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Oligotrichum hercynicum	**76**	AT	08.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Palustriella commutata	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland
Pellia neesiana	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	wet bank
Philonotis fontana	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland
Pleurozium schreberi	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Pogonatum urnigerum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Pohlia cruda	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock, ground
Pohlia drummondii	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	streamside
Polytrichastrum alpinum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Polytrichum juniperinum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Polytrichum piliferum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Preissia quadrata	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Pseudoleskea radicosa	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Racomitrium elongatum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Racomitrium fasciculare	**76**	AT	09.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Racomitrium heterostichum agg.	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Saelania glaucescens	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	ground
Sanionia uncinata	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Sphagnum capillifolium	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland
Straminergon stramineum	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland
Syntrichia norvegica	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground

Syntrichia ruralis	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	ground
Tortella fragilis	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Tortella tortuosa	**76**	AT	02.09.01	ca. 2,130 – 2,220 m a.s.l.	rock
Tortula leucostoma	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	rock
Warnstorfia exannulata	**76**	AT	06.08.03	ca. 2,130 – 2,220 m a.s.l.	wetland

77 Niedertal, 32T 0646000 5188000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, dwarf shrub heath, scree; altitudinal range ca. 2,110 – 2,130 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Aneura pinguis	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	spring
Aulacomnium palustre	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wet ground, wetland
Barbilophozia hatcheri	**77**	AT	02.09.01	ca 2,110 – 2,130 m a.s.l.	rock
Bartramia ithiphylla	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock cervice
Blasia pusilla	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wet bank
Blindia acuta	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wet rock
Bryum pseudotriquetrum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Ceratodon purpureus	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Cynodontium polycarpon	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Dichodontium palustre	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Dicranoweisia crispula	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Dicranum bonjeanii	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Dicranum scoparium	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	bark
Grimmia elatior	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Hylocomium splendens	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	trackside
Hypnum revolutum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Lescuraea saxicola	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Lophozia opacifolia	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wet rock
Palustriella commutata	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland

Philonotis fontana	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Philonotis seriata	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Pleurozium schreberi	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground
Pogonatum urnigerum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	trackside
Polytrichum piliferum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground, rock
Pseudoleskea incurvata	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Pterigynandrum filiforme	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Racomitrium elongatum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground
Sanionia uncinata	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground
Schistidium apocarpum	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Sphagnum capillifolium	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Sphagnum girgensohnii	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland
Syntrichia ruralis	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground
Tortella tortuosa	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	rock
Tortula hoppeana	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	ground
Warnstorfia exannulata	**77**	AT	02.09.01	ca. 2,110 – 2,130 m a.s.l.	wetland

78 Niedertal, 32T 0645000 5188000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, dwarf shrub heath, scree; altitudinal range ca. 2,130 – 2,140 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Aulacomnium palustre	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	wet ground, wetland
Barbilophozia lycopodioides	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Bartramia ithiphylla	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Blindia acuta	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wet rock
Brachythecium salebrosum	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Bryum pseudotriquetrum	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	wet ground, wetland
Ceratodon purpureum	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock

Dichodontium palustre	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland
Dicranoweisia crispula	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Dicranum scoparium	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	ground
Grimmia longirostris	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	rock
Hylocomium splendens	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	ground
Lescuraea saxicola	**78**	AT	22.06.02	ca. 2,130 – 2,140 m a.s.l.	rock
Palustriella commutata	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland
Philonotis fontana	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland
Pleurozium schreberi	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Polytrichastrum alpinum	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Polytrichum piliferum	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	rock
Pseudoleskea radicosa	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Ptilium crista–castrensis	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Racomitrium elongatum	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	ground
Racomitrium heterostichum agg.	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Radula complanata	**78**	AT	22.06.02	ca. 2,130 – 2,140 m a.s.l.	rock
Sanionia uncinata	**78**	AT	02.09.01, 22.06.02	ca. 2,130 – 2,140 m a.s.l.	ground
Schistidium papillosum	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	rock
Scorpidium revolvens	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	wet ground, wetland
Sphagnum capillifolium	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland
Straminergon stramineum	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland
Syntrichia norvegica	**78**	AT	22.06.02	ca. 2,130 – 2,140 m a.s.l.	ground
Syntrichia ruralis	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	ground
Tortella fragilis	**78**	AT	22.06.02	ca. 2,130 – 2,140 m a.s.l.	rock
Tortula hoppeana	**78**	AT	02.09.01	ca. 2,130 – 2,140 m a.s.l.	rock
Warnstorfia exannulata	**78**	AT	08.08.03	ca. 2,130 – 2,140 m a.s.l.	wetland

79 Niedertal, 32T 0646000 5189000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, dwarf shrub heath, scree; altitudinal range ca. 2,050 – 2,110 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Aulacomnium palustre	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Barbilophozia lycopodioides	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Bartramia ithiphylla	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Blindia acuta	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wet rock
Brachythecium glareosum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Bryum alpinum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Bryum pseudotriquetrum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Campylium stellatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Cephalozia bicuspidata	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Climacium dendroides	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Dichodontium palustre	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Dicranum scoparium	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Dicranum undulatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Grimmia funalis	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Grimmia triformis	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Hylocomium splendens	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Hypnum cupressiforme	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Hypnum revolutum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Lescuraea saxicola	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Lophozia ventricosa	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Mnium marginatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Odontoschisma elongatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Oligotrichum hercynicum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	trackside
Oncophorus virens	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Paludella squarrosa	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Palustriella commutata	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland

Philonotis fontana	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Philonotis seriata	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Pleurozium schreberi	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Pogonatum aloides	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	trackside
Pogonatum urnigerum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Polytrichastrum alpinum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Polytrichum juniperinum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Polytrichum piliferum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Racomitrium affine	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Racomitrium elongatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Rhizomnium pseudopunctatum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Sanionia uncinata	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Scapania paludosa	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Scorpidium revolvens	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Scorpidium scorpidioides	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Sphagnum capillifolium	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Sphagnum girgensohnii	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Sphagnum teres	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Sphagnum warnstorffii	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wet ground
Straminergon stramineum	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Syntrichia norvegica	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Syntrichia ruralis	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Tortella tortuosa	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Tortula hoppeana	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	rock
Tortula leucostoma	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	ground
Warnstorfia exannulata	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland
Warnstorfia sarmentosa	**79**	AT	02.09.01	ca. 2,050 – 2,110 m a.s.l.	wetland

80 Niedertal, “Auf der Schale”, 32T 0645000 5189000
Trail from Martin-Busch-Hütte towards Vent; alpine pasture, dwarf shrub heath, scree, rock; altitudinal range ca. 2,400 – 2,500 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Aulacomnium palustre	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Bartramia ithiphylla	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Blindia acuta	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wet rock
Bryum pseudotriquetrum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Campylium stellatum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Ceratodon purpureus	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Conostomum tetragonum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Dicranoweisia crispula	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Dicranum scoparium	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Distichium capillaceum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Grimmia incurva	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Heterocladium dimorphum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Hylocomium splendens	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Hypnum revolutum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Lophozia sudetica	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Marsupella alpina	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Oligotrichum hercynicum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	trackside
Oncophorus virens	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Palustriella commutata	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	bog, wet rock
Philonotis fontana	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Pleurozium schreberi	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Pogonatum urnigerum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Pohlia drummondii	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Pohlia nutans	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Polytrichum piliferum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Pseudoleskea patens	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock

Pseudoleskea radicosa	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Racomitrium affine	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Racomitrium elongatum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Rhytidium rugosum	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground, rock
Sanionia uncinata	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Scorpidium revolvens	**80**	AT	21.06.02	ca. 2,400 – 2,500 m a.s.l.	wetland
Syntrichia norvegica	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground
Syntrichia ruralis	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Tortella tortuosa	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	rock
Weissia controversa	**80**	AT	22.06.02	ca. 2,400 – 2,500 m a.s.l.	ground

81 Niedertal, 32T 0646000 5190000
Trail from Martin-Busch-Hütte towards Vent, Hohler Stein and opposite slope of valley towards Ramoljoch; alpine pasture, dwarf shrub heath, *Pinus mugo*, *Pinus cembra*, scree, rock; altitudinal range ca. 1,900 – 2,050 m a.s.l. and ca. 2,040 – 2,100 m a.s.l., Hohler Stein, 2,050 m a.s.l., opposite slope of valley ca. 1,960 – 2,050 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum minutum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Andreaea rupestris	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Aneura pinguis	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Anthelia juratzkana	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	snow patch
Aulacomnium palustre	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Barbilophozia hatcheri	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Barbilophozia lycopodioides	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Bartramia halleriana	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Bartramia ithiphylla	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Blepharostoma trichophyllum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Blindia acuta	**81**	AT	07.09.01	ca. 1,960 – 2,050 m a.s.l.	wet rock
Bryum argenteum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground

Bryum pseudotriquetrum	**81**	AT	07.09.01	ca. 1,960 – 2,050 m a.s.l.	wetland
Calliergonella cuspidata	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Calypogeia fissa	**81**	AT	02.09.01	ca. 2,040 – 2,100 m a.s.l.	ground
Campylium stellatum	**81**	AT	07.09.01	ca. 1,960 – 2,050 m a.s.l.	wet ground
Cephalozia bicuspidata	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Ceratodon purpureus	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Climacium dendroides	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Coscinodon cribrosus	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Cynodontium polycarpon	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Dichodontium palustre	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Dicranella subulata	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Dicranodontium denudatum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Dicranoweisia crispula	**81**	AT	06.09.01	2,050 m a.s.l.	rock
Dicranum muehlenbeckii	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Dicranum polysetum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Dicranum scoparium	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Diplophyllum taxifolium	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Distichium capillaceum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Ditrichum flexicaule	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Grimmia triformis	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Gymnomitrion concinnatum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Gymnomitrion coralloides	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Heterocladium dimorphum	**81**	AT	22.06.02	ca. 1,900 – 2,050 m a.s.l.	ground
Hylocomium splendens	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Hypnum cupressiforme	**81**	AT	22.06.02	2,050 m a.s.l.	ground
Lescuraea saxicola	**81**	AT	22.06.02	2,050 m a.s.l.	rock
Lophozia sudetica	**81**	AT	22.06.02	2,050 m a.s.l.	rock
Lophozia ventricosa	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Mnium thomsonii	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Odontoschisma elongatum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	gound
Oligotrichum hercynicum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	trackside

Oncophorus virens	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Palustriella commutata	**81**	AT	07.09.01	ca. 1,960 – 2,050 m a.s.l.	wetland
Paraleucobryum enerve	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Pellia neesiana	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Philonotis fontana	**81**	AT	07.09.01	ca. 1,960 – 2,050 m a.s.l.	wetland
Philonotis seriata	**81**	AT	02.09.01	ca. 2,040 – 2,100 m a.s.l.	wetland
Plagiomnium affine	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Plagiomnium medium	**81**	AT	02.09.01	ca. 2,040 – 2,100 m a.s.l.	ground
Pleurozium schreberi	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Pogonatum urnigerum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Pohlia cruda	**81**	AT	06.09.01	2,050 m a.s.l.	ground
Pohlia drummondii	**81**	AT	02.09.01	ca. 2,040 – 2,100 m a.s.l.	wetland
Pohlia elongata	**81**	AT	22.06.02	2,050 m a.s.l.	rock
Pohlia nutans	**81**	AT	02.09.01	ca. 2,040 – 2,100 m a.s.l.	ground
Polytrichastrum alpinum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Polytrichum piliferum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Pterigynandrum filiforme	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Ptilidium pulcherrimum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Racomitrium affine	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Racomitrium elongatum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Racomitrium ericoides	**81**	AT	22.06.02	2,050 m a.s.l.	rock
Racomitrium fasciculare	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Rhytidiadelphus triquetrus	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Rhytidium rugosum	**81**	AT	06.09.01	2,050 m a.s.l.	rock
Sanionia uncinata	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Scapania curta	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Scapania paludicola	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Sphagnum capillifolium	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Sphagnum fallax	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l..	wetland
Sphagnum girgensohnii	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Sphagnum magellanicum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland

Sphagnum subsecundum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Sphagnum teres	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Sphagnum warnstorfii	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Straminergon stramineum	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Syntrichia norvegica	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Syntrichia ruralis	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Timmia bavarica	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	ground
Tomentypnum nitens	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Tortella tortuosa	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Tortula leucostoma	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Warnstorfia exannulata	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland
Warnstorfia fluitans	**81**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	wetland

82 Above Vent, 32T 0645000 5190000
Trail from Vent towards Rofen and towards Hörndle; alpine pasture, dwarf shrub heath, scree, wetland (ca. 1,970 m), rock, *Larix* woodland, *Nardus stricta*, *Pinus cembra*, *Juniperus*, *Alnus viridis*, *Rhododendron ferrugineum*, *Salix lanata*; altitudinal range ca. 1,940 – 2,100 m a.s.l. and ca. 2,260 – 2,400 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblyodon dealbatus	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Amphidium mougeotii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock crevice
Andreaea alpestris	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	ground
Andreaea rupestris	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Aneura pinguis	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Anthelia juratzkana	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	snow patch
Aulacomnium palustre	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Barbilophozia hatcheri	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Barbilophozia lycopodioides	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Bartramia halleriana	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Bartramia ithiphylla	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock

Blasia pusilla	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Blindia acuta	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet rock
Brachythecium glareosum	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	ground
Brachythecium rivulare	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Brachythecium salebrosum	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	ground
Bryum pallens	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	ground
Bryum pseudotriquetrum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Calliergonella cuspidata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Campylium stellatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet ground
Cephalozia bicuspidata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Ceratodon purpureus	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Cinclidium stygium	**82**	AT	08.09.01	ca. 1,970 m a.s.l.	wetland
Climacium dendroides	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Dichodontium palustre	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Dicranella subulata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Dicranoweisia crispula	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Dicranum bonjeanii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Dicranum scoparium	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Diplophyllum albicans	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Diplophyllum taxifolium	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Distichium capillaceum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Encalypta ciliata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Eurhynchiastrum pulchellum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Grimmia funalis	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Gymnocolea inflata	**82**	AT	15.06.03	ca. 1,970 m a.s.l.	wetland
Gymnomitrion concinnatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Gymnomitrion coralloides	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Heterocladium dimorphum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Hylocomiastrum pyrenaicum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Hylocomium splendens	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Hypnum cupressiforme	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground

Hypnum revolutum	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	rock
Isopterygiopsis muelleriana	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Jungermannia sphaerocarpa	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Kiaeria falcata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Lophozia sudetica	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	snow patch, rock
Lophozia ventricosa	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Mielichhoferia elongata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Mnium lycopodioides	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Mnium thomsonii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Odontoschisma elongatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet ground
Oligotrichum hercynicum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	trackside
Oncophorus virens	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Orthotrichum rupestre	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Paludella squarrosa	**82**	AT	08.09.01	ca 1,970 m a.s.l.	wetland
Palustriella commutata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet rock
Pellia neesiana	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Philonotis seriata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Plagiomnium cuspidatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet ground
Plagiopus oederianus	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Pleurozium schreberi	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Pogonatum urnigerum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Pohlia cruda	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Pohlia drummondii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Pohlia elongata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Pohlia nutans	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Polytrichastrum alpinum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Polytrichastrum sexangulare	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	snow patch
Polytrichum piliferum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Polytrichum strictum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Pseudoleskea radicosa	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Pterigynandrum filiforme	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock

Ptilidium pulcherrimum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Racomitrium elongatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Racomitrium heterostichum agg.	**82**	AT	02.09.01	ca. 1,900 – 2,050 m a.s.l.	rock
Radula complanata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	bark
Rhizomnium pseudopunctatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Rhytidium rugosum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Sanionia uncinata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Scapania subalpina	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Scapania uliginosa	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wet rock
Scapania undulata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Schistostega pennata	**82**	AT	08.09.01	2,100 m a.s.l.	rock hole, rotten wood
Scorpidium revolvens	**82**	AT	08.09.01, 15.06.03	ca. 1,940 – 2,100 m a.s.l., ca. 1,970 m a.s.l.	wetland
Sphagnum capillifolium	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum centrale	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum compactum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum cuspidatum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum fallax	**82**	AT	05.08.03	ca. 1,970 m a.s.l.	wetland
Sphagnum fuscum	**82**	AT	15.06.03	ca. 1,970 m a.s.l.	wetland
Sphagnum girgensohnii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum magellanicum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum platyphyllum	**82**	AT	15.06.03	ca. 1,970 m a.s.l.	wetland
Sphagnum subsecundum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum teres	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Sphagnum warnstorfii	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Straminergon stramineum	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Syntrichia norvegica	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Syntrichia ruralis	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Timmia bavarica	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	ground
Tomentypnum nitens	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland

Tortula hoppeana	**82**	AT	22.06.02	ca. 2,260 – 2,400 m a.s.l.	ground
Tortula leucostoma	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	rock
Tritomaria polita	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Warnstorfia exannulata	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Warnstorfia fluitans	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland
Warnstorfia sarmentosa	**82**	AT	08.09.01	ca. 1,940 – 2,100 m a.s.l.	wetland

83 Mutsbichl, 32T 0647000 5191000
Trail to Mutsbichl; *Pinus cembra* woodland and alpine pasture (alp); altitudinal range ca. 2,130 – 2,250 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum minutum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Andreaea alpestris	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Andreaea rupestris	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Aulacomnium palustre	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	wetland
Barbilophozia lycopodioides	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Bartramia halleriana	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Bartramia ithiphylla	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Blepharostoma trichophyllum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	near spring
Brachythecium salebrosum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Bryum pseudotriquetrum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Campylium stellatum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	wetland
Cephalozia bicuspidata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Ceratodon purpureus	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Conostomum tetragonum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Cynodontium strumiferum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Dicranoweisia crispula	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Dicranum muehlenbeckii	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground

Dicranum scoparium	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Diplophyllum taxifolium	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Distichium capillaceum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Encalypta ciliata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Encalypta microstoma	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Encalypta rhaptocarpa	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Eurhynchiastrum pulchellum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Frullania fragilifolia	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Grimmia incurva	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Gymnomitrion concinnatum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Gymnomitrion coralloides	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Heterocladium dimorphum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Hylocomium splendens	**83**	AT	07.09.01	2,330 m a.s.l.	ground
Hypnum revolutum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Isopterygiopsis pulchella	**83**	AT	07.09.01	ca. 2,370 m a.s.l.	ground, crevice
Kiaeria falcata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Leucodon sciuroides	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Meesia uliginosa	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	near spring
Oligotrichum hercynicum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	trackside
Oncophorus virens	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	wetland
Philonotis seriata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	spring
Plasteurhynchium striatulum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Pleurozium schreberi	**83**	AT	07.09.01	2,278 m a.s.l.	ground
Pogonatum urnigerum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Pohlia cruda	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Pohlia nutans	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Pohlia wahlenbergii var. *glacialis*	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Polytrichastrum alpinum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Polytrichastrum sexangulare	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	snow patch
Polytrichum piliferum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Pterigynandrum filiforme	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock

Ptilidium pulcherrimum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Racomitrium elongatum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Radula complanata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Rhabdoweisia fugax	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Rhytidiadelphus triquetrus	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Rhytidium rugosum	**83**	AT	07.09.01	2,350 m a.s.l.	rock
Sanionia uncinata	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Schistostega pennata	**83**	AT	07.09.01	2,220 m a.s.l.	hole beneath rock
Sciuro-hypnum starkei	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Sphagnum teres	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	wetland
Splachnum sphaericum	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	dung
Syntrichia norvegica	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Syntrichia ruralis	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Tetraplodon mnioides	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	dung
Timmia austriaca	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Timmia bavarica	**83**	AT	07.09.01	2,250 m a.s.l.	ground
Tortella fragilis	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Tortella tortuosa	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Tortula leucostoma	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	rock
Tritomaria exsectiformis	**83**	AT	07.09.01	ca. 2,130 – 2,250 m a.s.l.	ground
Weissia controversa	**83**	AT	07.09.01	ca. 2,260 m a.s.l.	ground

84 Vent, 32T 0646000 5191000
Vent village, Hotel Post, Venterbach; *Pinus cembra* woodland and bouldery alpine pasture, river bank; altitudinal range ca. 1,893 – 2,130 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock
Amblyodon dealbatus	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	wet ground
Amblystegium subtile	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Amphidium mougeotii	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Andreaea rupestris	**84**	AT	07.09.01, 08.09.01	ca. 1,895 m a.s.l., 1,900 – 2,130 m a.s.l.	rock
Aulacomnium palustre	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Barbilophozia hatcheri	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Barbilophozia lycopodioides	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Bartramia halleriana	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Bartramia ithyphylla	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Blepharostoma trichiphylla	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Blindia acuta	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	wet rock
Brachytheciastrum velutinum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Brachythecium glareosum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Bryum alpinum	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	wet rock
Bryum argenteum	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	ground, roadbank
Bryum pseudotriquetrum	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Calliergonella cuspidata	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	wet rock
Calypogeia neesiana	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock crevice
Calypogeia suecica	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Campylium stellatum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	wet ground
Cephalozia bicuspidata	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	ground
Ceratodon purpureus	**84**	AT	08.09.01	ca. 1,900 m a.s.l.	ground
Climacium dendroides	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	wet ground
Dichodontium palustre	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Dicranella subulata	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground

Dicranoweisia crispula	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Dicranum polysetum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Dicranum scoparium	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Distichium capillaceum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Ditrichum flexicaule	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Encalypta ciliata	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Encalypta vulgaris	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock
Eurhynchiastrum pulchellum	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	ground
Funaria hygrometrica	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Grimmia longirostris	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Haplomitrium hookeri	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Heterocladium dimorphum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Hylocomiastrum pyrenaicum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Hylocomium splendens	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Hypnum cupressiforme	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Hypnum revolutum	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock
Isopterygiopsis muelleriana	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	ground
Isopterygiopsis pulchella	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock crevice
Lescuraea saxicola	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Lophozia ventricosa	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	ground
Marchantia polymorpha	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	flower pot
Mielichhoferia elongata	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock
Mnium marginatum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Mnium spinosum	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	ground
Mnium stellare	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Mnium thomsonii	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Myurella julacea	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Myurella tenerrima	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Oligotrichum hercynicum	**84**	AT	08.09.01	ca. 1,900 m a.s.l.	ground
Oncophorus virens	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	wetland
Orthotrichum rupestre	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock

Palustriella commutata	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	spring
Philonotis fontana	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	wetland
Plagiochila porelloides	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Plagiopus oederianus	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Plagiothecium denticulatum	**84**	AT	08.09.01	ca. 1,900 m a.s.l.	ground
Pleurozium schreberi	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Pogonatum urnigerum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Pohlia cruda	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Pohlia elongata	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	ground
Pohlia nutans	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	ground
Pohlia wahlenbergii var. *glacialis*	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Polytrichastrum alpinum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Polytrichastrum formosum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Polytrichum piliferum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Preissia quadrata	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Pterigynandrum filiforme	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Racomitrium elongatum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Racomitrium heterostichum agg.	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Racomitrium sudeticum	**84**	AT	20.08.12	1,895 – 1,900 m a.s.l.	rock
Rhizomnium punctatum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	wet ground
Rhodobryum roseum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Rhytidiadelphus triquetrus	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Rhytidium rugosum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Sanionia uncinata	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Schistidium papillosum	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Schistidium rivulare	**84**	AT	03.08.17	ca. 1,893 m a.s.l.	boulder in river
Scorpidium revolvens	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Sphagnum capillifolium	**84**	AT	19.06.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Sphagnum platyphyllum	**84**	AT	19.06.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Straminergon stramineum	**84**	AT	19.06.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Syntrichia norvegica	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground

Syntrichia ruralis	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Timmia austriaca	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Tortella fragilis	**84**	AT	08.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Tortella tortuosa	**84**	AT	07.08.03	ca. 1,895 – 2,130 m a.s.l.	rock
Tortula leucostoma	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	rock
Tortula subulata	**84**	AT	07.09.01	ca. 1,895 – 2,130 m a.s.l.	ground
Warnstorfia exannulata	**84**	AT	19.06.03	ca. 1,895 – 2,130 m a.s.l.	wet ground
Warnstorfia sarmentosa	**84**	AT	19.06.03	ca. 1,895 – 2,130 m a.s.l.	wet ground

85 Near Vent, 32T 0645000 5191000
Vent towards Rofenhöfe and trail to Hochvent / Stablein; alpine pasture, rock; altitudinal range ca. 1,920 – 2,040 m a.s.l. and ca. 2,130 – 2,356 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Amblyodon dealbatus	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Aneura pinguis	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Atrichum undulatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Aulacomnium palustre	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Bartramia ithiphylla	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Blindia acuta	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet rock
Brachytheciastrum velutinum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Brachythecium rivulare	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Brachythecium salebrosum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Bryum alpinum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Bryum argenteum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	trackside
Bryum pallens	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Bryum pseudotriquetrum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Calliergonella cuspidata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground

Campylium stellatum	**85**	AT	08.09.01, 23.06.02	ca. 1,920 – 2,040 m a.s.l., ca. 2,130 – 2,356 m a.s.l.	wet ground
Ceratodon purpureus	**85**	AT	23.06.02	ca. 2,130 – 2,356 m a.s.l.	ground
Climacium dendroides	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Cynodontium polycarpon	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Dichodontium palustre	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Dicranum majus	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Distichium capillaceum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Encalypta ciliata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Encalypta microstoma	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Encalypta rhaptocarpa	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Fissidens adianthoides	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Grimmia ovalis	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Heterocladium dimorphum	**85**	AT	08.09.01, 23.06.02	ca. 1,920 – 2,040 m a.s.l., ca. 2,130 – 2,356 m a.s.l.	ground
Homalothecium sericeum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Hypnum cupressiforme	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Isopterygiopsis pulchella	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Leiocolea bantriensis	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Leucodon sciuroides	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Meesia uliginosa	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Mnium marginatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Mnium thomsonii	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Myurella julacea	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Odontoschisma elongatum	**85**	AT	23.06.02	ca. 2,130 – 2,356 m a.s.l.	ground
Oligotrichum hercynicum	**85**	AT	23.06.02	ca. 2,130 – 2,356 m a.s.l.	trackside
Orthotrichum rupestre	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Palustriella commutata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	spring
Philonotis fontana	**85**	AT	23.06.02	ca. 2,130 – 2,356 m a.s.l.	wet ground
Philonotis seriata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Plagiomnium cuspidatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Plagiopus oederianus	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock

Plagiothecium denticulatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Pogonatum urnigerum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Polytrichastrum alpinum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Polytrichum piliferum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Pseudoleskea incurvata	**85**	AT	23.06.02	ca. 2,130 – 2,356 m a.s.l.	rock
Pterigynandrum filiforme	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Ptilidium ciliare	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Racomitrium elongatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Radula complanata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Rhizomnium punctatum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Rhytidium rugosum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Sanionia uncinata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Sciuro-hypnum reflexum	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Scorpidium revolvens	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	wet ground
Syntrichia norvegica	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground
Syntrichia ruralis	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Tortella fragilis	**85**	AT	08.09.01, 23.06.02	ca. 1,920 – 2,040 m a.s.l., ca. 2,130 – 2,356 m a.s.l.	rock
Tortella tortuosa	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	rock
Tortula subulata	**85**	AT	08.09.01	ca. 1,920 – 2,040 m a.s.l.	ground

86 N Vent, 32T 0647000 5192000
Northwards from Vent; alpine pasture, *Pinus cembra* woodland, river bank, rock; altitudinal range ca. 1,870 – 1,880 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum minutum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Andreaea rupestris	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Aneura pinguis	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank
Aulacomnium palustre	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet ground

Barbilophozia barbata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Barbilophozia hatcheri	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Barbilophozia lycopodioides	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Bartramia halleriana	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Bartramia ithiphylla	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Blepharostoma trichophyllum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rotten wood
Blindia acuta	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet rock
Brachytheciastrum velutinum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Calypogeia fissa	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Campylium stellatum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet ground
Climacium dendroides	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet ground
Conocephalum conicum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Cratoneuron filicinum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank
Cynodontium polycarpon	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Dicranodontium denudatum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Dicranoweisia crispula	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Dicranum montanum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rotten wood
Dicranum scoparium	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Diplophyllum taxifolium	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Distichium capillaceum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Encalypta ciliata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Eurhynchiastrum pulchellum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Grimmia elatior	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Gymnomitrion concinnatum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Hedwigia ciliata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Hylocomium splendens	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Hypnum cupressiforme	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Isopterygiopsis pulchella	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock crevice
Lepidozia reptans	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Lescuraea saxicola	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock

Lophozia incisa	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock crevice
Lophozia opacifolia	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Lophozia ventricosa	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Marchantia polymorpha	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank
Mnium marginatum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Mnium spinosum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Myurella julacea	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Oligotrichum hercynicum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	trackside
Oncophorus virens	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet ground
Orthotrichum rupestre	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Palustriella commutata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank
Pellia neesiana	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Plagiochila porelloides	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Plagiothecium laetum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Pleurozium schreberi	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Pogonatum aloides	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Pogonatum urnigerum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Pohlia andalusica	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Pohlia drummondii	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank
Pohlia elongata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Polytrichastrum alpinum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Polytrichastrum formosum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Polytrichastrum sexangulare	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	snow patch
Polytrichum piliferum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Preissia quadrata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Pseudoleskeella nervosa	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Pterigynandrum filiforme	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Racomitrium elongatum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Racomitrium heterostichum agg.	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Radula complanata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock
Rhizomnium magnifolium	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	river bank

Rhytidiadelphus subpinnatus	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Rhytidiadelphus triquetrus	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Sanionia uncinata	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Sciuro-hypnum starkei	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Sphagnum capillifolium	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	wet hollow
Splachnum sphaericum	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	dung
Syntrichia norvegica	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Syntrichia ruralis	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	ground
Tetraphis pellucida	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rotten wood
Tetraplodon mnioides	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	dung
Tortella tortuosa	**86**	AT	12.09.01	ca. 1,870 – 1,880 m a.s.l.	rock

87 N Vent, 32T 0646000 5192000
Northwards from Vent; alpine pasture, *Pinus cembra* woodland, river bank, boulders, rock; altitudinal range ca. 1,870 – 1,940 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Amphidium mougeotii	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Andreaea rupestris	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Aneura pinguis	**87**	AT	07.08.03	ca. 1,870 – 1,940 m a.s.l.	wet ground
Aulacomnium palustre	**87**	AT	19.06.03	ca. 1,870 – 1,940 m a.s.l.	wet place
Bartramia ithiphylla	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Brachythecium glareosum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Bryum alpinum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Campylium stellatum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	wet ground
Ceratodon purpureus	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Climacium dendroides	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	wet ground
Cratoneuron filicinum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	river bank
Dichodontium palustre	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	wet ground

Dicranoweisia crispula	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Dicranum scoparium	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Distichium capillaceum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Ditrichum flexicaule	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Encalypta ciliata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Encalypta rhaptocarpa	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Encalypta vulgaris	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Fissidens dubius	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Frullania dilatata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	bark
Frullania tamarisci	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	bark
Grimmia incurva	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Grimmia ovalis	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Grimmia unicolor	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Hedwigia ciliata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Heterocladium dimorphum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Hylocomium splendens	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Hypnum cupressiforme	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Isopterygiopsis pulchella	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock crevice
Lescuraea saxicola	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Myurella julacea	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Orthotrichum rupestre	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Palustriella commutata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	river bank
Philonotis seriata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	river bank
Pogonatum aloides	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Pogonatum urnigerum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Polytrichastrum alpinum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Polytrichum piliferum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Pterigynandrum filiforme	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Ptilidium ciliare	**87**	AT	19.06.03	ca. 2,340 m a.s.l.	ground
Racomitrium affine	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Racomitrium elongatum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground

Racomitrium heterostichum agg.	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Rhytidiadelphus triquetrus	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Rhytidium rugosum	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Sanionia uncinata	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Sphagnum capillifolium	**87**	AT	19.06.03	ca. 2,260 m a.s.l.	wetland
Sphagnum fuscum	**87**	AT	19.06.03	ca. 2,340 m a.s.l.	wetland
Sphagnum subsecundum agg.	**87**	AT	19.06.03	ca. 2,260 m a.s.l.	wetland
Syntrichia norvegica	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Thuidium assimile	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Tortella tortuosa	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	rock
Tortula leucostoma	**87**	AT	12.09.01	ca. 1,870 – 1,940 m a.s.l.	ground
Warnstorfia exannulata	**87**	AT	19.06.03	ca. 2,260 m a.s.l.	wetland

88 Ventertal, 32T 0648000 5193000
Ventertal, main road and near Gampe; river bank, boulders, rock; altitudinal range ca. 1,830 – 1,840 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Andreaea rupestris	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Aneura pinguis	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Barbilophozia barbata	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Barbula convoluta	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Bartramia ithiphylla	**88**	AT	19.06.03	ca. 1,830 – 1,840 m a.s.l.	rock
Blasia pusilla	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	riverbank
Brachytheciastrum velutinum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Brachythecium rivulare	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Brachythecium salebrosum	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Bryum argenteum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	road bank
Bryum capillare	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	road bank

Bryum pallens	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	road bank
Bryum pallescens	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	road bank
Cephaloziella rubella	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Ceratodon purpureus	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Cirriphylum piliferum	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Dicranoweisia crispula	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Dicranum scoparium	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Distichium capillaceum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Encalypta ciliata	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Encalypta vulgaris	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Eurhynchiastrum pulchellum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Grimmia donniana	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Grimmia incurva	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Grimmia longirostris	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Heterocladium dimorphum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Hygrohypnum duriusculum	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	river
Hylocomium splendens	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Hypnum cupressiforme	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Isopterygiopsis muelleriana	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Lejeunea cavifolia	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock, bark
Lescuraea saviniana	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Lescuraea saxicola	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Oligotrichum hercynicum	**88**	AT	19.06.03	ca. 1,830 – 1,840 m a.s.l.	ground
Philonotis fontana	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	riverbank
Philonotis seriata	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	riverbank
Pleurozium schreberi	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Pogonatum urnigerum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Pohlia cruda	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Pohlia drummondii	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	riverbank
Pohlia nutans	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Polytrichastrum alpinum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground

Polytrichum juniperinum	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Polytrichum piliferum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Pterigynandrum filiforme	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Ptilium crista–castrensis	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Racomitrium affine	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Racomitrium canescens ssp. *mollissimum*	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	river
Racomitrium elongatum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Radula complanata	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock, bark
Rhytidium rugosum	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Sanionia uncinata	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Scapania nemorea	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	river bank
Scapania subalpina	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	river bank
Schistidium papillosum	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Schistidium rivulare	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	river
Schistidium trichodon	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	rock
Scorpidium revolvens	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	wet ground
Syntrichia norvegica	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	ground
Syntrichia ruralis	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	ground
Tortella inclinata	**88**	AT	04.08.17	ca. 1,830 – 1,840 m a.s.l.	riverbank
Tortella tortuosa	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	rock
Warnstorfia sarmentosa	**88**	AT	19.04.02	ca. 1,830 – 1,840 m a.s.l.	wet ground

89 Ventertal, Koner Rinne, 32T 0647000 5193000
Ventertal at Koner Rinne; river bank, boulders, rock, block scree; altitudinal range ca. 1,840 – 1,860 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amphidium mougeotii	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Andreaea rupestris	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Aneura pinguis	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Atrichum undulatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Aulacomnium palustre	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Barbilophozia hatcheri	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Barbilophozia lycopodioides	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Bartramia ithiphylla	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Blindia acuta	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Brachytheciastrum velutinum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Brachythecium rivulare	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Brachythecium salebrosum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Bryum alpinum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Bryum argenteum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	road bank
Bryum pseudotriquetrum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland
Calypogeia suecica	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Campylium stellatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland
Ceratodon purpureus	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Cirriphyllum piliferum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Climacium dendroides	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Conocephalum conicum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Dichodontium palustre	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Dicranella crispa	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Dicranoweisia crispula	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Dicranum bonjeanii	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Dicranum scoparium	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Diplophyllum obtusifolium	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock

Distichium capillaceum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Encalypta ciliata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Encalypta vulgaris	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Fissidens osmundioides	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Frullania tamarisci	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Grimmia funalis	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Grimmia hartmannii	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Grimmia longirostris	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Hedwigia ciliata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Heterocladium dimorphum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Hylocomium splendens	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Hypnum cupressiforme	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Isopterygiopsis pulchella	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Leiocolea bantriensis	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Lescuraea saxicola	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Mnium stellare	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Mnium thomsonii	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Myurella julacea	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Orthotrichum rupestre	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Palustriella commutata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Pellia neesiana	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Philonotis seriata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Plagiomnium elatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Plagiothecium denticulatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Pleurozium schreberi	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Pogonatum urnigerum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Pohlia cruda	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Polytrichastrum alpinum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Polytrichum juniperinum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Polytrichum piliferum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Porella platyphylla	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock

Pseudoleskeella nervosa	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Pterigynandrum filiforme	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Racomitrium elongatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Racomitrium heterostichum agg.	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Radula complanata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Rhabdoweisia fugax	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Rhizomnium magnifolium	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Rhizomnium punctatum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Rhodobryum roseum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Rhytidiadelphus triquetrus	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Rhytidium rugosum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Sanionia uncinata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Scapania paludicola	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Scapania uliginosa	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Scapania undulata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	river
Schistidium papillosum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Sciuro-hypnum reflexum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Scorpidium revolvens	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Sphagnum capillifolium	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland
Sphagnum fuscum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland
Straminergon stramineum	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland
Syntrichia norvegica	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Syntrichia ruralis	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Tortella fragilis	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Tortella tortuosa	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	rock
Tortula leucostoma	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	ground
Tritomaria polita	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Warnstorfia exannulata	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wet ground
Warnstorfia sarmentosa	**89**	AT	12.09.01	ca. 1,840 – 1,860 m a.s.l.	wetland

90 Ventertal, Winterstall, 32T 0649000 5194000
Ventertal at Winterstall; river bank, boulders, rock, scree; *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,770 – 1,840 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Aneura pinguis	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	river bank
Atrichum undulatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Aulacomnium palustre	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	river bank
Barbilophozia hatcheri	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Barbilophozia lycopodioides	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Bartramia halleriana	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Bartramia ithiphylla	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Blindia acuta	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wet rock
Brachythecium rivulare	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Bryum capillare	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Bryum pallens	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Calliergonella cuspidata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wet ground
Calypogeia azurea	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Calypogeia fissa	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Campylium stellatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Cephalozia bicuspidata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground, cow dung
Ceratodon purpureus	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Climacium dendroides	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wet ground
Cynodontium polycarpon	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Dichodontium palustre	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Dicranodontium denudatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Dicranoweisia crispula	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Dicranum majus	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Dicranum polysetum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Dicranum scoparium	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Distichium capillaceum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock

Encalypta rhaptocarpa	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Fissidens adianthoides	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Grimmia longirostris	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Hedwigia ciliata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Heterocladium dimorphum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Homalothecium sericeum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Hylocomium splendens	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Hypnum cupressiforme	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Lophocolea minor	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Nardia scalaris	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Oligotrichum hercynicum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground, riverside
Palustriella commutata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	river bank
Paraleucobryum longifolium	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Pellia neesiana	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wet ground
Plagiochila porelloides	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Plagiomnium cuspidatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Pleurozium schreberi	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Pogonatum urnigerum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Pohlia cruda	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Pohlia drummondii	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	riverside
Pohlia elongata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Polytrichastrum alpinum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Polytrichastrum formosum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Polytrichum juniperinum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Polytrichum piliferum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Pseudoleskea incurvata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Pseudoleskea radicosa	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Pterigynandrum filiforme	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Ptilidium ciliare	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Racomitrium affine	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Racomitrium elongatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground

Racomitrium ericoides	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Racomitrium heterostichum agg.	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Radula complanata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock, bark
Rhizomnium punctatum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	river bank
Rhytidiadelphus squarrosus	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Rhytidiadelphus triquetrus	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Rhytidium rugosum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Sanionia uncinata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Scapania irrigua	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Scapania subalpina	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	gully
Schistidium papillosum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock at river
Scorpidium revolvens	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Sphagnum capillifolium	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Sphagnum fallax	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	gully
Sphagnum fuscum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Sphagnum girgensohnii	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	gully
Sphagnum quinquefarium	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	gully
Sphagnum squarrosum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Sphagnum teres	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Splachnum sphaericum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	cow dung
Straminergon stramineum	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland
Syntrichia norvegica	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Syntrichia ruralis	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Timmia austriaca	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Tortella tortuosa	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	rock
Tortula leucostoma	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	ground
Warnstorfia exannulata	**90**	AT	11.09.01	ca. 1,770 – 1,840 m a.s.l.	wetland

91 Ventertal, Winterstall, 32T 0648000 5194000
Ventertal near Winterstall and Panorama track; river bank, pasture, rock, scree, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,790 – 1,850 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Aulacomnium palustre	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	wet ground
Barbilophozia hatcheri	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Barbilophozia lycopodioides	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Bartramia halleriana	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Bartramia ithiphylla	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Brachytheciastrum velutinum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Ceratodon purpureus	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Cirriphyllum piliferum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Conostomum tetragonum	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	ground
Cynodontium polycarpon	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Dicranodontium denudatum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Dicranoweisia crispula	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Dicranum scoparium	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Diplophyllum albicans	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Diplophyllum taxifolium	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Eurhynchiastrum pulchellum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Grimmia elongata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Grimmia incurva	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Grimmia longirostris	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Grimmia torquata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Gymnomitrion concinnatum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Hedwigia ciliata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Heterocladium dimorphum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Hylocomium splendens	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Hypnum revolutum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Lescuraea saxicola	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock

Lophocolea heterophylla	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Lophocolea minor	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Lophozia ventricosa	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Marsupella alpina	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Mnium spinosum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Myurella julacea	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Oligotrichum hercynicum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Paraleucobryum longifolium	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Pellia neesiana	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	wet ground
Pleurozium schreberi	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Pogonatum urnigerum	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	ground
Pohlia elongata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Polytrichastrum alpinum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Polytrichastrum formosum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Polytrichum piliferum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Pterigynandrum filiforme	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Ptilidium ciliare	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Ptilidium pulcherrimum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rotten wood larch
Racomitrium affine	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Racomitrium elongatum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Racomitrium heterostichum agg.	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	rock
Radula complanata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Rhabdoweisia fugax	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Rhodobryum roseum	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Rhytidiadelphus triquetrus	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Sanionia uncinata	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Sciuro-hypnum starkei	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground
Syntrichia norvegica	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	ground
Tortella toruosa	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	rock
Tortula hoppeana	**91**	AT	19.06.03	ca. 1,790 – 1,830 m a.s.l.	ground
Tritomaria exsecta	**91**	AT	13.09.01	ca. 1,790 – 1,850 m a.s.l.	ground

92 Ventertal, Winterstall, 32T 0649000 5195000
Ventertal near Winterstall; river bank, pasture, rock, scree, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,726 – 1,750 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rupestris	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Barbilophozia hatcheri	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Barbilophozia lycopodioides	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Bartramia ithiphylla	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Ceratodon purpureus	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Conocephalum conicum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Dicranoweisia crispula	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Dicranum scoparium	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Diplophyllum taxifolium	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Distichium capillaceum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Distichium inclinatum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Encalypta ciliata	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Encalypta streptocarpa	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Grimmia longirostris	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Hylocomium splendens	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Hypnum cupressiforme	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rotten wood
Hypnum revolutum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Lescuraea saxicola	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Lophozia incisa	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Mnium spinosum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Oligotrichum hercynicum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Paraleucobryum longifolium	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Plagiothecium laetum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Pleurozium schreberi	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Pogonatum urnigerum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Pohlia cruda	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Polytrichastrum alpinum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground

Polytrichum piliferum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Pterigynandrum filiforme	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Ptilidium ciliare	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Ptilium crista–castrensis	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Racomitrium elongatum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Racomitrium heterostichum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Rhytidiadelphus triquetrus	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Rhytidium rugosum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Sanionia uncinata	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Schistidiuim apocarpum	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Sphagnum capillifolium	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	wet place
Sphagnum girgensohnii	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	wet place
Sphagnum quinquefarium	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	wet place
Syntrichia ruralis	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	ground
Tetraplodon mnioides	**92**	AT	22.08.12	1,750 m a.s.l.	scree
Tortella fragilis	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock
Tortella tortuosa	**92**	AT	11.09.01	ca. 1,726 – 1,750 m a.s.l.	rock

93 Ventertal, 32T 0651000 5196000
Ventertal; rock, river bank, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,590 – 1,790 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Andreaea rupestris	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Barbilophozia lycopodioides	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Bartramia ithiphylla	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Blepharostoma trichophylllum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Brachythecium glareosum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Bryum pseudotriquetrum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet place

Cephalozia bicuspidata	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Dicranoweisia crispula	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Dicranum polysetum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Dicranum scoparium	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Grimmia elatior	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Heterocladium dimorphum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Hygrohypnum duriusculum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet ground
Hylocomiastrum pyrenaicum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Hylocomium splendens	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Hypnum cupressiforme	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Oligotrichum hercynicum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Palustriella commutata	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet place
Philonotis fontana	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet ground
Plagiomnium affine	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Pleurozium schreberi	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Pogonatum urnigerum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Polytrichastrum alpinum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Polytrichum piliferum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Pterigynandrum filiforme	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock
Racomitrium elongatum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Rhytidiadelphus triquetrus	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Rhytidium rugosum	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Riccardia palmata	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Sanionia uncinata	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Scapania subalpina	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Schistostega pennata	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	hole
Sphagnum capillifolium	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet place
Sphagnum girgensohnii	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	wet place
Syntrichia ruralis	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	ground
Tetraphis pellucida	**93**	AT	09.09.01	ca. 1,590 – 1,790 m a.s.l.	rock

94 Ventertal, Heiligkreuz, 32T 0650000 5196000
Ventertal at Heiligkreuz; rock, road bank, *Larix decidua – Picea abies* woodland, pasture, scree, *Betula pendula*; altitudinal range ca. 1,590 – 1,790 m a.s.l., scree ca. 1,699 – 1,711 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Anastrophyllum minutum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Andreaea rupestris	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Barbilophozia barbata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Barbilophozia lycopodioides	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Bartramia halleriana	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Bartramia ithiphylla	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Blepharostoma trichophyllum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**94**	AT	09.09.01, 13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Bryum alpinum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Bryum argenteum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Campylium stellatum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Cephalozia bicuspidata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rotten wood
Ceratodon purpureus	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Chiloscyphus pallescens	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Climacium dendroides	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Conocephalum conicum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Cratoneuron filicinum	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	wetland
Dicranodontium denudatum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rotten wood
Dicranoweisia crispula	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Dicranum majus	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Dicranum scoparium	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Diplophyllum taxifolium	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Encalypta ciliata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Encalypta rhaptocarpa	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Grimmia longirostris	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock

Grimmia ovalis	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Hedwigia ciliata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Heterocladium dimorphum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Hylocomiastrum pyrenaicum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Hylocomium splendens	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Hypnum cupressiforme	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Isopterygiopsis pulchella	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Jamesoniella autumnalis	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Leucodon sciuroides	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Lophocolea bidentata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Lophozia incisa	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Marchantia polymorpha	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Mielichhoferia elongata	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Mnium spinosum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Oligotrichum hercynicum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Orthotrichum rupestre	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Palustriella commutata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Paraleucobryum longifolium	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Pellia neesiana	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Philonotis fontana	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet ground
Philonotis seriata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet ground
Plagiomnium affine	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Plagiopus oederianus	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Plagiothecium denticulatum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Pleurozium schreberi	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Pogonatum aloides	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Pogonatum urnigerum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Pohlia elongata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Polytrichastrum alpinum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Polytrichastrum formosum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground,
Polytrichum juniperinum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground

Polytrichum piliferum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Porella platyphylla	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Preissia quadrata	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Pseudoleskeella nervosa	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Pseudoleskeella tectorum	**94**	AT	12.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Pterigynandrum filiforme	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Ptilium crista–castrensis	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Racomitrium affine	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Racomitrium elongatum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Racomitrium heterostichum agg.	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Radula complanata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Rhodobryum roseum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Rhytidiadelphus subpinnatus	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Rhytidiadelphus triquetrus	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Rhytidium rugosum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Sanionia uncinata	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Scapania subalpina	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Scapania uliginosa	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Schistidium papillosum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Sciuro-hypnum reflexum	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Sphagnum girgensohnii	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Sphagnum quinquefarium	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	wet place
Syntrichia norvegica	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Syntrichia ruralis	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	ground
Tetraphis pellucida	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rotten wood
Tortella fragilis	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Tortella tortuosa	**94**	AT	09.09.01	ca. 1,699 – 1,711 m a.s.l.	rock
Tortula subulata	**94**	AT	13.09.01	ca. 1,699 – 1,711 m a.s.l.	ground

95 Ventertal, Heiligkreuz, 32T 0649000 5196000
Ventertal near Heiligkreuz; rock, river bank, road bank, *Larix decidua – Picea abies* woodland, *Betula pendula – Alnus viridis* woodland, pasture; altitudinal range ca. 1,700 – 1,750 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Andreaea rupestris	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Barbilophozia barbata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Barbilophozia lycopodioides	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Bartramia halleriana	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Bartramia ithiphylla	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Brachythecium glareosum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Bryum argenteum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Ceratodon purpureus	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Climacium dendroides	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	wet place
Coscinodon cribrosus	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Dicranoweisia crispula	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Dicranum scoparium	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Distichium capillaceum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Distichium inclinatum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Encalypta ciliata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Encalypta streptocarpa	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Grimmia elatior	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Grimmia funalis	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Grimmia incurva	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Grimmia ovalis	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Hedwigia ciliata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Heterocladium dimorphum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Homalothecium sericeum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Hylocomium splendens	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Hypnum cupressiforme	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock

Hypnum revolutum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Lescuraea saxicola	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Leucodon sciuroides	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Marchantia polymorpha	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Mielichhoferia mielichhoferiana	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Mnium marginatum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Myurella julacea	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Orthotrichum rupestre	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Palustriella commutata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	wet place
Plagiomnium affine	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Pogonatum urnigerum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Pohlia elongata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Polytrichum piliferum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Porella platyphylla	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Pseudoleskeella nervosa	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Pterigynandrum filiforme	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Ptilidium ciliare	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Ptilium crista–castrensis	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Racomitrium elongatum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Racomitrium heterostichum agg.	**95**	AT	15.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Radula complanata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Rhytidiadelphus triquetrus	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Rhytidium rugosum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Sanionia uncinata	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Schistidium apocarpum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Schistidium papillosum	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Syntrichia norvegica	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Syntrichia ruralis	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	ground
Tetraplodon mnioides	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	scull of a cow
Tortella fragilis	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock
Tortella tortuosa	**95**	AT	13.09.01	ca. 1,700 – 1,750 m a.s.l.	rock

96 Ventertal, Heiligkreuz, 32T 0651000 5197000
Ventertal at Heiligkreuz and to Lehn; pastures and meadows rock, river bank, *Larix decidua – Picea abies* woodland, *Betula pendula – Alnus viridis* woodland, pasture; altitudinal range ca. 1,571 – 1,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Amblystegium serpens	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground
Andreaea rupestris	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Barbilophozia lycopodioides	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Bartramia ithiphylla	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Brachythecium rivulare	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Bryoerythrophyllum recurvirostre	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Bryum argenteum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground
Bryum moravicum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Cephalozia bicuspidata	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Ceratodon purpureus	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Climacium dendroides	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	wet place
Dicranoweisia crispula	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Dicranum scoparium	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock, ground
Distichium capillaceum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Ditrichum flexicaule	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Encalypta streptocarpa	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Grimmia elatior	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Grimmia longirostris	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Hedwigia ciliata	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Hylocomium splendens	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Hypnum cupressiforme	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Lescuraea saxicola	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder
Marchantia polymorpha	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Mnium marginatum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Oligotrichum hercynicum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Orthotrichum anomalum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder

Orthotrichum rupestre	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder
Plagiomnium affine	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground
Plagiomnium cuspidatum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground
Pleurozium schreberi	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Pogonatum urnigerum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Pohlia cruda	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	dry stone wall
Polytrichastrum alpinum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Polytrichum juniperinum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder
Polytrichum piliferum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Pseudoleskea incurvata	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Pterigynandrum filiforme	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	rock
Ptilidium ciliare	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	blockscree
Ptilidium pulcherrimum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	bark
Ptilium crista–castrensis	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Racomitrium affine	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder
Racomitrium elongatum	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Rhytidiadelphus triquetrus	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Sanionia uncinata	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Schistidium crassipilum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground
Schistidium papillosum	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	boulder
Schistidium trichodon	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	rock
Syntrichia norvegica	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Syntrichia ruralis	**96**	AT	09.09.01	ca. 1,571 – 1,650 m	ground
Tortella tortuosa	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	wall
Tortula muralis	**96**	AT	03.08.17	ca. 1,590 – 1,610 m	ground

97 Ventertal, 32T 0650000 5197000
Ventertal towards Zwieselstein; rock, river bank, *Larix decidua – Picea abies* woodland, pasture; altitudinal range ca. 1,600 – 1,670 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Amblystegium serpens	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Amphidium mougeotii	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Andreaea rupestris	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Atrichum undulatum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Barbilophozia barbata	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Bartramia halleriana	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Bartramia ithiphylla	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Bryoerythrophyllum recurvirostrum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet rock
Bryum alpinum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Campylium stellatum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet rock
Climacium dendroides	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet place
Dicranoweisia crispula	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Dicranum scoparium	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Diplophyllum albicans	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Distichium capillaceum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Encalypta streptocarpa	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Grimmia pulvinata	**97**	AT	13.09.01	ca. 1,650 m a.s.l.	rock
Homalothecium sericeum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Hylocomium splendens	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Hypnum cupressiforme	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Hypnum vaucheri	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Lescuraea saxicola	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Mnium spinosum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Oligotrichum hercynicum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Palustriella commutata	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet place
Philonotis fontana	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet rock

Plagiomnium affine	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Pogonatum aloides	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Pogonatum urnigerum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Pohlia cruda	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Polytrichastrum alpinum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Polytrichum piliferum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Preissia quadrata	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Pterigynandrum filiforme	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Racomitrium elongatum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Racomitrium heterostichum agg.	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Rhodobryum roseum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	shady bank
Rhytidiadelphus triquetrus	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Sanionia uncinata	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Schistidium apocarpum	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	rock
Sphagnum fallax	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet place
Sphagnum girgensohnii	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	wet place
Syntrichia norvegica	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground
Syntrichia ruralis	**97**	AT	13.09.01	ca. 1,600 – 1,670 m a.s.l.	ground

98 Ventertal, 32T 0653000 5198000
Ventertal towards Zwieselstein; rock, river bank, *Larix decidua* – *Picea abies* woodland, pasture; altitudinal range ca. 1,560 – 1,650 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum minutum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Andreaea rupestris	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Antitrichia curtipendula	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Bartramia halleriana	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Bryum moravicum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Dicranoweisia crispula	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock

Dicranum montanum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rotten wood
Dicranum scoparium	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Grimmia longirostris	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Hedwigia ciliata	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Hylocomium splendens	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Hypnum cupressiforme	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Lophozia ventricosa	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Paraleucobryum longifolium	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Pleurozium schreberi	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Pogonatum urnigerum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Pohlia cruda	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Polytrichastrum alpinum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Pterigynandrum filiforme	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	rock
Ptilidium ciliare	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Racomitrium elongatum	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Sanionia uncinata	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	ground
Sphagnum russowii	**98**	AT	19.04.02	ca. 1,560 – 1,650 m a.s.l.	wet place

99 Ventertal, Bodeneck, 32T 0652000 5198000
Ventertal at Bodeneck; rock, scree, river bank, *Larix decidua – Picea abies* woodland, pasture; altitudinal range ca. 1,525 – 1,530 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Anastrophyllum minutum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Andreaea rupestris	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Aneura pinguis	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Barbilophozia lycopodioides	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Bartramia ithiphylla	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Blasia pusilla	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground

Blepharostoma trichophyllum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Brachythecium rutabulum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Bryum alpinum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Bryum pseudotriquetrum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wetland
Calliergonella cuspidata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wet ground
Campylium stellatum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wetland
Cephalozia bicuspidata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Conocephalum conicum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wetland
Cratoneuron filicinum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wet rock
Cynodontium strumiferum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Dichodontium palustre	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wet ground
Dicranoweisia crispula	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Dicranum scoparium	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Encalypta streptocarpa	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Eurhynchiastrum pulchellum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Fissidens dubius	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Grimmia donniana	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Grimmia montana	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Hedwigia ciliata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Hylocomium splendens	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Hypnum cupressiforme	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Jamesoniella autumnalis	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rotten wood
Lophozia ventricosa	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Mnium spinosum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Oligotrichum hercynicum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Orthotrichum diaphanum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Orthotrichum rupestre	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Palustriella commutata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wet rock
Paraleucobryum longifolium	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Pellia endiviaefolia	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Philonotis fontana	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	wetland

Philonotis seriata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	streamside
Plagiochila porelloides	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Plagiothecium denticulatum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Plagiothecium laetum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Pleurozium schreberi	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Pogonatum urnigerum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Pohlia nutans	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Polytrichastrum alpinum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Polytrichastrum formosum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Polytrichum juniperinum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Polytrichum piliferum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Preissia quadrata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Pseudoleskea incurvata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Pterigynandrum filiforme	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Ptilidium ciliare	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Racomitrium affine	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Racomitrium elongatum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Racomitrium fasciculare	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Racomitrium heterostichum agg.	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Rhytidiadelphus squarrosus	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Rhytidiadelphus triquetrus	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Sanionia uncinata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Scapania curta	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Schistidium papillosum	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Syntrichia norvegica	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Syntrichia ruralis	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Tetraphis pellucida	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rotten wood
Timmia austriaca	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground
Tortella tortuosa	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	rock
Tritomaria quiquedentata	**99**	AT	30.08.01	ca. 1,525 – 1,530 m a.s.l.	ground

100 Freistabl, 32T 0651000 5198000
Ventertal at Freistabl; rock, scree, river bank, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,550 – 1,560 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Andreaea rupestris	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Barbilophozia hatcheri	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Barbilophozia lycopodioides	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Bartramia halleriana	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Bartramia ithiphylla	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Bryum alpinum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Bryum pseudotriquetrum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Calliergonella cuspidata	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Campylium stellatum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Climacium dendroides	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet place
Cratoneuron filicinum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Dichodontium palustre	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Dicranum scoparium	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Fissidens dubius	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Grimmia elatior	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Grimmia montana	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Hylocomium splendens	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Hypnum cupressiforme	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Lescuraea saxicola	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Marchantia polymorpha	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Orthotrichum rupestre	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Pellia epiphylla	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Philonotis seriata	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	wet ground
Plagiothecium laetum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Pleurozium schreberi	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Pogonatum urnigerum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground

Polytrichastrum alpinum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Polytrichum piliferum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Preissia quadrata	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Pterigynandrum filiforme	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Ptilidium ciliare	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Racomitrium affine	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Racomitrium elongatum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Racomitrium heterostichum agg.	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Rhytidiadelphus triquetrus	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Sanionia uncinata	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Schistidium apocarpum	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Schistostega pennata	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	hole
Syntrichia ruralis	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground
Tortella tortuosa	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	rock
Tritomaria scitula	**100**	AT	30.08.01	ca. 1,550 – 1,560 m a.s.l.	ground

101 Martlaswald, 32T 0655000 5199000
Forest road at Martlaswald; rock, road bank, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,690 – 1,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Amphidium mougeotii	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Andreaea rupestris	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Atrichum undulatum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Aulacomnium palustre	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	track bank
Bartramia ithiphylla	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Brachytheciastrum velutinum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Brachythecium glareosum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Brachythecium rivulare	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Bryum alpinum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Bryum argenteum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Bryum pseudotriquetrum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	wet place
Campylium stellatum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	wet place
Ceratodon purpureus	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	track bank
Climacium dendroides	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	wet place
Dichodontium palustre	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	wet place
Dicranoweisia crispula	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Dicranum scoparium	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Eurhynchiastrum pulchellum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Fissidens adianthoides	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Funaria hygrometrica	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Grimmia longirostris	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Grimmia torquata	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Hedwigia ciliata	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Hylocomium splendens	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Hypnum cupressiforme	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Hypnum revolutum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock

Lescuraea saxicola	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Philonotis fontana	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	wet ground
Pleurozium schreberi	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pogonatum aloides	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pogonatum urnigerum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pohlia cruda	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichastrum formosum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichum juniperinum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichum piliferum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Porella platyphylla	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Preissia quadrata	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Pterigynandrum filiforme	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Ptilidium ciliare	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Ptilidium pulcherrimum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	bark
Racomitrium elongatum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Racomitrium fasciculare	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Racomitrium heterostichum agg.	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Radula complanata	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Rhizomnium punctatum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Rhytidiadelphus triquetrus	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Rhytidium rugosum	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Sanionia uncinata	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Scapania curta	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Schistidium papillosum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Sphagnum teres	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	track bank
Syntrichia ruralis	**101**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Thamnobryum alopecurum	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Tortella tortuosa	**101**	AT	10.09.01	ca. 1,690 – 1,700 m a.s.l.	rock

102 Martlaswald, 32T 0654000 5199000
Forest road at Martlaswald; rock, scree, road bank, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,690 – 1,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Andreaea rupestris	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Atrichum undulatum	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	ground
Barbilophozia hatcheri	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Barbilophozia lycopodioides	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Bartramia halleriana	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Bartramia ithiphylla	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Blasia pusilla	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Bryoerythrophyllum recurvirostre	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	ground
Bryum moravicum	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Bryum pseudotriquetrum	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	wet ground
Buxbaumia aphylla	**102**	AT	19.08.01	ca. 1,690 m a.s.l.	rotten wood
Buxbaumia viridis	**102**	AT	19.08.01	ca. 1,690 m a.s.l.	rotten wood
Cephalozia bicuspidata	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Ceratodon purpureus	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	track bank
Cirriphyllum piliferum	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Climacium dendroides	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	wet place
Dichodontium palustre	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	ground
Dicranoweisia crispula	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Dicranum polysetum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Dicranum scoparium	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Diplophyllum taxifolium	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Distichium capillatum	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	wall
Encalypta ciliata	**102**	AT	13.09.01,	ca. 1,690 – 1,700 m a.s.l.	rock
Encalypta streptocarpa	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	wall
Grimmia donniana	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Grimmia incurva	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock

Grimmia longirostris	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Hedwigia ciliata	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Hylocomium splendens	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Hypnum cupressiforme	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Hypnum revolutum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Isopterygiopsis pulchella	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	hole
Isothecium alopecuroides	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	bark
Lescuraea saxicola	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Lophocolea minor	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Mnium spinosum	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Mnium stellare	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Oligotrichum hercynicum	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	ground
Paraleucobryum longifolium	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Philonotis fontana	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	wet ground
Plagiochila asplenioides	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Plagiochila porelloides	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Plagiomnium affine	**102**	AT	19.04.02	ca. 1,690 – 1,700 m a.s.l.	ground
Plagiopus oederianus	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Pleurozium schreberi	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pogonatum urnigerum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pohlia andalusica	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pohlia cruda	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Pohlia elongata	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichastrum alpinum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichastrum formosum	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichum juniperinum	**102**	AT	19.04.02	ca. 1,690 – 1,700 m a.s.l.	ground
Polytrichum piliferum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Pseudoleskea incurvata	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Pterigynandrum filiforme	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Ptilidium ciliare	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Ptilium crista–castrensis	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground

Racomitrium elongatum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Racomitrium fasciculare	**102**	AT	19.04.02	ca. 1,690 – 1,700 m a.s.l.	rock
Racomitrium heterostichum agg.	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Radula complanata	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	rock
Rhodobryum roseum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Rhytidiadelphus triquetrus	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Rhytidium rugosum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Sanionia uncinata	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Scapania umbrosa	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rotten wood
Schistidium apocarpum	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rock
Schistidium papillosum	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	concrete
Schistidium trichodon	**102**	AT	01.08.17	ca. 1,690 – 1,700 m a.s.l.	concrete
Sphagnum capillifolium	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	track bank
Syntrichia norvegica	**102**	AT	13.09.01	ca. 1,690 – 1,700 m a.s.l.	ground
Syntrichia ruralis	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	ground
Tetraphis pellucida	**102**	AT	19.08.01	ca. 1,690 – 1,700 m a.s.l.	rotten wood

103 Near Zwieselstein, 32T 0653000 5199000
Near Zwieselstein and forest road towards Gaislachalm; rock, scree, road bank, river bank, *Larix decidua – Picea abies* woodland; altitudinal range ca. 1,490 – 1,510 m a.s.l. and ca. 1,900 – 1,930 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Anastrophyllum minutum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Andreaea rupestris	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Barbilophozia lycopodioides	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Bartramia halleriana	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Bartramia ithiphylla	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Blepharostoma trichophyllum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground

Brachytheciastrum velutinum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Brachythecium glareosum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Bryum moravicum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Bryum pallens	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Bryum pseudotriquetrum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	wet place
Campylium stellatum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	wet ground
Ceratodon purpureus	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	track bank
Climacium dendroides	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	wet place
Conocephalum conicum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Dicranoweisia crispula	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Dicranum scoparium	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Diplophyllum taxifolium	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Distichium capillaceum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Grimmia montana	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Grimmia trichophylla	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Hedwigia ciliata	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Hylocomium splendens	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock, ground
Hypnum cupressiforme	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Hypnum revolutum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Isopterygiopsis muelleriana	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Isothecium alopecuroides	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	bark
Mnium lycopodioides	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Mnium stellare	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Paraleucobryum longifolium	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Plagiochila asplenioides	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Plagiochila porelloides	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Plagiomnium cuspidatum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Plagiomnium undulatum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Plagiothecium denticulatum	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Pleurozium schreberi	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Pogonatum urnigerum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground, rock

Pohlia nutans	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	ground
Polytrichastrum alpinum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Polytrichastrum formosum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Polytrichum piliferum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Pterigynandrum filiforme	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Ptilidium ciliare	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Racomitrium elongatum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Racomitrium fasciculare	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Racomitrium heterostichum agg.	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Radula complanata	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Rhabdoweisia fugax	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rock
Rhytidiadelphus triquetrus	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Rhytidium rugosum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Sanionia uncinata	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Schistidium apocarpum	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Sphagnum capillifolium	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	wet place
Sphagnum girgensohnii	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	wet place
Syntrichia ruralis	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	ground
Tetraphis pellucida	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	rotten wood
Tortella fragilis	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Tortella tortuosa	**103**	AT	19.08.01	ca. 1,490 – 1,510 m a.s.l.	rock
Tritomaria exsecta	**103**	AT	19.04.02	ca. 1,900 – 1,930 m a.s.l.	track bank

104 Gaislachalm, Silberbergalm, 32T 0652000 5199000
Gaislachalm and Silberbergalm; rock, scree, dwarf shrub heath, *Larix decidua – Picea abies* woodland, *Betula pendula – Alnus viridis* woodland, skiing slope; altitudinal range ca. 1,900 – 1,980 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Andreaea rupestris	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Aneura pinguis	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Atrichum undulatum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Aulacomnium palustre	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Barbilophozia hatcheri	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Barbula convoluta	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Bartramia ithiphylla	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Blindia acuta	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring
Brachythecium glareosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Brachythecium salebrosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Bryum alpinum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Bryum argenteum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Bryum capillare	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist); soil
Bryum moravicum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Bryum pseudotriquetrum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring
Calypogeia neesiana	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist); soil
Campylium stellatum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Cephalozia bicuspidata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Cephaloziella spinigera	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Ceratodon purpureus	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Chiloscyphus pallescens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Cirriphyllum piliferum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Climacium dendroides	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Coscinodon cribrosus	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Dichodontium palustre	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring
Dicranoweisia crispula	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock

Dicranum bonjeanii	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Dicranum fuscescens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Dicranum polysetum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist); soil
Dicranum scoparium	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground, rock
Ditrichum heteromallum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Encalypta rhaptocarpa	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Fissidens adianthoides	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Fissidens dubius	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Fissidens osmundioides	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Funaria hygrometrica	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Grimmia hartmannii	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist); soil
Grimmia longirostris	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Grimmia ovalis	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Hedwigia ciliata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Heterocladium dimorphum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock (shist); soil
Hylocomium splendens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Hypnum cupressiforme	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground, rock
Hypnum revolutum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Lescuraea saxicola	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Leucobryum glaucum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist), soil
Lophozia ventricosa	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Marchantia polymorpha	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Mnium hornum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Myurella julacea	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Odontoschisma elongatum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet ground
Oligotrichum hercynicum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Oncophorus virens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Orthotrichum rupestre	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Orthotrichum rupestre	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	bark
Orthotrichum speciosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	bark
Palustriella commutata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring

Pellia neesiana	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Philonotis fontana	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring
Plagiomnium affine	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Pleurozium schreberi	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist), ground
Pogonatum aloides	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Pogonatum urnigerum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Pohlia cruda	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Pohlia elongata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Polytrichastrum alpinum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Polytrichum juniperinum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Polytrichum piliferum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Polytrichum strictum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Pterigynandrum filiforme	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist)
Ptilidium ciliare	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Racomitrium elongatum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist)
Racomitrium heterostichum agg.	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock
Racomitrium lanuginosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	silicate rock (shist)
Radula complanata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock, bark
Rhizomnium punctatum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Rhytidium rugosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Sanionia uncinata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Scapania paludicola	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	spring
Scapania undulata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Schistidium papillosum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Scorpidium revolvens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wet place
Sphagnum capillifolium	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Sphagnum fuscum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Sphagnum girgensohnii	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Sphagnum subnitens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Sphagnum subsecundum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Sphagnum teres	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland

Sphagnum warnstorfii	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Straminergon stramineum	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Syntrichia norvegica	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Syntrichia ruralis	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Tomentypnum nitens	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Tortella tortuosa	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	rock
Tortula leucostoma	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground
Trematodon ambiguus	**104**	AT	11.09.01	ca. 1,930 m a.s.l.	ground
Warnstorfia exannulata	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Warnstorfia sarmentosa	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	wetland
Weissia controversa	**104**	AT	11.09.01	ca. 1,900 – 1,980 m a.s.l.	ground

105 Zwieselstein, 32T 0655000 5200000
At Zwieselstein; rock, scree, *Larix decidua* woodland; altitudinal range ca. 1,470 – 1,500 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Amphidium mougeotii	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Andreaea rupestris	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Antitrichia curtipendula	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Atrichum undulatum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Aulacomnium palustre	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	wet place
Barbilophozia floerkei	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Bartramia halleriana	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Bartramia ithiphylla	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Brachythecium glareosum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Brachythecium rivulare	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Brachythecium rutabulum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**105**	AT	11.09.01	ca. 1,470 – 1,500 m a.s.l.	ground

Bryum argenteum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Bryum pseudotriquetrum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	wet ground
Ceratodon purpureus	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Climacium dendroides	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	wet place
Coscinodon cribrosus	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Dichodontium palustre	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	wet ground
Dicranoweisia crispula	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Dicranum majus	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Dicranum scoparium	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground, rock
Diphyscium foliosum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Distichium capillaceum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Ditrichum flexicaule	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Encalypta ciliata	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Encalypta rhaptocarpa	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Entodon concinnus	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Eurhynchiastrum pulchellum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Frullania dilatata	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Grimmia longirostris	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Hedwigia ciliata	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Homalothecium sericeum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Hylocomium splendens	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Hypnum cupressiforme	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground, rock
Hypnum revolutum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Hypnum vaucheri	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Isopterygiopsis pulchella	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	crevice
Isothecium alopecuroides	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Lescuraea saxicola	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Leucodon sciuroides	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Mnium spinosum	**105**	AT	11.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Mnium thomsonii	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Myurella julacea	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock

Orthotrichum rupestre	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Palustriella commutata	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	wet ground
Paraleucobryum longifolium	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Pellia neesiana	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Philonotis calcarea	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	wet ground
Philonotis fontana	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	wet ground
Plagiomnium affine	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Plagiopus oederianus	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Pleurozium schreberi	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Pogonatum aloides	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Pogonatum urnigerum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Pohlia cruda	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Polytrichastrum formosum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Polytrichum juniperinum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Polytrichum piliferum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Porella platyphalla	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Pseudoleskeella nervosa	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Pterigynandrum filiforme	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Ptilidium ciliare	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Racomitrium elongatum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Racomitrium ericoides	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Racomitrium fasciculare	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Racomitrium heterostichum agg.	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Radula complanata	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	rock
Rhytidiadelphus triquetrus	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Rhytidium rugosum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Sanionia uncinata	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Scapania curta	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground
Schistidium apocarpum	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock
Schistidium papillosum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Syntrichia ruralis	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	ground

Thamnobryum alopecurum	**105**	AT	10.09.01	ca. 1,470 – 1,500 m a.s.l.	ground
Tortella tortuosa	**105**	AT	19.08.01	ca. 1,470 – 1,500 m a.s.l.	rock

106 Zwieselstein, 32T 0654000 5200000
At Zwieselstein; rock, boulders, river bank, open *Larix decidua* woodland; altitudinal range ca. 1,470 – 1,540 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Antitrichia curtipendula	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Barbilophozia hatcheri	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Bartramia halleriana	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Bartramia ithyphylla	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Brachythecium salebrosum	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Bryum moravicum	**106**	AT	19.08.01, 13.09.01	ca. 1,470 – 1,520 m a.s.l.	ground
Bryum pseudotriquetrum	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	wet ground
Ceratodon purpureus	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Chiloscyphus polyanthos	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	wet ground
Climacium dendroides	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	wet place
Coscinodon cribrosus	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Dicranoweisia crispula	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	rock
Dicranum scoparium	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground, rock
Distichium capillaceum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Encalypta ciliata	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Encalypta streptocarpa	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Eurhynchiastrum pulchellum	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Fissidens viridulus	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Frullania fragilifolia	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	bark
Grimmia doniana	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Grimmia elatior	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock

Grimmia longirostris	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Hedwigia ciliata	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Hylocomium splendens	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Hypnum cupressiforme	**106**	AT	19.08.01, 13.09.01	ca. 1,470 – 1,520 m a.s.l.	ground, rock
Lescuraea saxicola	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	rock
Mnium lycopodioides	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Orthotrichum rupestre	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Philonotis seriata	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	wet ground
Plagiomnium affine	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Platyhypnidium riparioides	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	wet ground
Pleurozium schreberi	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Pogonatum urnigerum	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Pohlia cruda	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Polytrichum juniperinum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Polytrichum piliferum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Porella cordeana	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	rock
Pterigynandrum filiforme	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Racomitrium elongatum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Rhytidiadelphus squarrosus	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Rhytidiadelphus triquetrus	**106**	AT	13.09.01	ca. 1,480 – 1,540 m a.s.l.	ground
Rhytidium rugosum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Sanionia uncinata	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Schistidium papillosum	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock
Syntrichia norvegica	**106**	AT	21.08.12	ca. 1,470 m a.s.l.	ground
Syntrichia ruralis	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	ground
Tortella tortuosa	**106**	AT	19.08.01	ca. 1,470 – 1,520 m a.s.l.	rock

107 Nachtberg, 32T 0653000 5200000
At Nachtberg; rock, bog with pond, *Larix decidua* woodland; altitudinal range ca. 1,780 – 1,850 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum minutum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Andreaea rupestris	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Aneura pinguis	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Aulacomnium palustre	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Barbilophozia hatcheri	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Barbilophozia lycopodioides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Bartramia halleriana	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Bartramia ithiphylla	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Blepharostoma trichophyllum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Brachytheciastrum velutinum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Brachythecium rivulare	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Brachythecium rutabulum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Brachythecium salebrosum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Bryum moravicum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Bryum pseudotriquetrum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Calliergon giganteum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Calliergonella cuspidata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet place
Calypogeia muelleriana	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Calypogeia neesiana	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Campylium stellatum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet place
Cephalozia bicuspidata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Cephaloziella rubella	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Ceratodon purpureus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Climacium dendroides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet place
Coscinodon cribrosus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Cratoneuron filicinum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Dichodontium palustre	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground

Dicranodontium denudatum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Dicranoweisia crispula	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Dicranum bonjeanii	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Dicranum montanum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Dicranum scoparium	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground, rock
Diplophyllum albicans	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Diplophyllum taxifolium	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Distichium capillaceum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Ditrichum flexicaule	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Encalypta ciliata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Entodon concinnus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Eurhynchiastrum pulchellum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Fissidens dubius	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Hedwigia ciliata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Heterocladium dimorphum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Hygrohypnum luridum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Hylocomiastrum pyrenaicum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Hylocomium splendens	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Hypnum cupresssiforme	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Hypnum revolutum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Isopterygiopsis pulchella	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Isothecium alopecuroides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Lepidozia reptans	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Lophocolea bidentata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Lophocolea minor	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Lophozia longidens	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Lophozia sudetica	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Lophozia ventricosa	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Marchantia polymorpha	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Mnium stellare	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Odontoschisma denudatum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground

Oncophorus virens	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Palustriella commutata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Paraleucobryum longifolium	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Pellia epiphylla	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Philonotis fontana	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Plagiochila asplenioides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Plagiochila porelloides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Plagiothecium laetum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pleurozium schreberi	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pogonatum aloides	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pogonatum urnigerum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pohlia cruda	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pohlia elongata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pohlia nutans	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Polytrichastrum alpinum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Polytrichastrum formosum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Polytrichum commune	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Polytrichum juniperinum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Polytrichum piliferum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Polytrichum strictum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pseudoleskeella nervosa	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Pseudoscleropodium purum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Pterigynandrum filiforme	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Ptilidium ciliare	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Ptilidium pulcherrimum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	bark
Ptilium crista–castrensis	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Racomitrium elongatum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Racomitrium fasciculare	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Racomitrium heterostichum agg.	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Rhabdoweisia fugax	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Rhizomnium punctatum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground

Rhytidiadelphus squarrosus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Rhytidiadelphus triquetrus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Riccardia palmata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Sanionia uncinata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Schistidium apocarpum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Schistidium dupretii	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Scorpidium revolvens	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum capillifolium	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum fuscum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum magellanicum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum majus	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum quinquefarium	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum rubellum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Sphagnum subsecundum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Straminergon stramineum	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Syntrichia norvegica	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Syntrichia ruralis	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Tetraphis pellucida	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rotten wood
Tortella tortuosa	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	rock
Tritomaria quinquedentata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground
Warnstorfia exannulata	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Warnstorfia sarmentosa	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	wet ground
Weissia controversa	**107**	AT	09.06.07	ca. 1,780 – 1,850 m a.s.l.	ground

108 Ötztal, 32T 0654000 5201000
Ötztal towards Sölden; rock, river bank, *Larix decidua* woodland; altitudinal range ca. 1,470 – 1,500 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Andreaea rothii	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Andreaea rupestris	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Aneura pinguis	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock at river
Anomobryum julaceum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Antitrichia curtipendula	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Atrichum undulatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Barbilophozia barbata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Barbilophozia lycopodioides	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Bartramia ithyphylla	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Blasia pusilla	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Blepharostoma trichophyllum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Brachytheciastrum velutinum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Brachythecium salebrosum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Bryum moravicum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Bryum pseudotriquetrum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	wet ground
Campylium stellatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Ceratodon purpureus	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Climacium dendroides	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wet ground
Conocephalum conicum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	beneath rock shady
Dicranoweisia crispula	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Dicranum montanum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rotten wood
Dicranum scoparium	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Distichium capillaceum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Encalypta streptocarpa	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Entodon concinnus	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground

Frullania dilatata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wood
Frullania fragilifolia	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wood
Frullania tamarisci	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wood
Grimmia elatior	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Grimmia incurva	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Grimmia trichophylla	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Hedwigia ciliata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Homalothecium sericeum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Hygrohypnum duriusculum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	wet ground
Hylocomium splendens	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Hypnum cupressiforme	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Hypnum revolutum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Isothecium alopecuroides	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Leucodon sciuroides	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Lophocolea minor	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Metzgeria furcata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wood
Mnium marginatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Mnium spinosum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Mnium stellare	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Mnium thomsonii	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock crevice
Orthotrichum affine	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rotten wood, sevenbark
Orthotrichum anomalum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Orthotrichum rupestre	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Palustriella commutata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	wet ground
Philonotis seriata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	wet ground
Plagiochila porelloides	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Plagiomnium affine	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Plagiomnium cuspidatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Plagiomnium ellipticum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Pleurozium schreberi	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Pogonatum urnigerum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground

Pohlia cruda	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Pohlia nutans	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Polytrichastrum alpinum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Polytrichum piliferum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Porella platyphylla	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Pseudoleskeella nervosa	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Pterigynandrum filiforme	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Ptilidium ciliare	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Racomitrium elongatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Radula complanata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wood
Rhizomnium punctatum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Rhytidium rugosum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Sanionia uncinata	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, ground
Schistidium apocarpum	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Schistidium rivulare	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock, wet ground
Syntrichia norvegica	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Syntrichia ruralis	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock
Thuidium assimile	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	ground
Tortella fragilis	**108**	AT	21.08.12	ca. 1,470 – 1,500 m a.s.l.	rock

109 Ötztal, 32T 0653000 5201000
Ötztal towards Sölden near Infang; rock, river bank, *Larix decidua* woodland, pasture, boggy places; altitudinal range ca. 1,450 – 1,650 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Amblystegium confervoides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground, rock
Amblystegium serpens	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, rotten wood
Andreaea rupestris	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Aneura pinguis	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Anomobryum julaceum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Antitrichia curtipendula	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Barbilophozia hatcheri	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Bartramia halleriana	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Bartramia ithyphylla	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Brachytheciastrum velutinum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Brachythecium rutabulum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Brachythecium salebrosum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Bryoerythrophyllum recurvirostrum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Bryum argenteum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	road bank
Bryum moravicum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Bryum pseudotriquetrum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet place, wet ground
Campylium stellatum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet place
Ceratodon purpureus	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, road bank
Chiloscyphus polyanthos	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Climacium dendroides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground, rock
Coscinodon cribrosus	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Dichodontium palustre	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground
Dicranoweisia crispula	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Dicranum scoparium	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Distichium capillaceum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Encalypta ciliata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock

Encalypta streptocarpa	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Eurhynchiastrum pulchellum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Fissidens adianthoides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Fissidens pusillus	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Frullania dilatata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Funaria hygrometrica	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Grimmia elongata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Grimmia funalis	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Grimmia incurva	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Grimmia montana	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Hedwigia ciliata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Homalothecium sericeum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Hylocomium splendens	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Hypnum cupressiforme	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Hypnum revolutum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Isothecium alopecuroides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Leucodon sciuroides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Lophocolea heterophylla	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Metzgeria furcata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Mnium spinosum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Mnium stellare	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Mnium thomsonii	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Orthotrichum affine	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	bark
Orthotrichum anomalum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Orthotrichum rupestre	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Palustriella commutata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground
Palustriella decipiens	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground
Paraleucobryum longifolium	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Pellia neesiana	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Philonotis fontana	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground
Philonotis seriata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground

Plagiochila porelloides	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Plagiomnium affine	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Plagiothecium denticulatum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Plagiothecium laetum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Pleurozium schreberi	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Pogonatum urnigerum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Pohlia cruda	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Pohlia nutans	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Polytrichastrum alpinum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Polytrichum juniperinum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Polytrichum piliferum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Porella cordeana	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Porella platyphylla	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Pseudoleskea incurvata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Pseudoleskeella nervosa	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, bark
Pterigynandrum filiforme	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Ptilidium ciliare	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Ptilidium pulcherrimum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Ptilium crista–castrensis	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Racomitrium elongatum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Radula complanata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, bark
Rhizomnium punctatum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	river bank
Rhodobryum roseum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Rhytidiadelphus triquetrus	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Rhytidium rugosum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Sanionia uncinata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Schistidium apocarpum	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Sphagnum teres	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	wet ground
Syntrichia norvegica	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Syntrichia ruralis	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock, ground
Tetraphis pellucida	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rotten wood

Timmia austriaca	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground
Tortella tortuosa	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	rock
Tortula subulata	**109**	AT	22.08.12	ca. 1,450 – 1,650 m a.s.l.	ground

110 Pfossental, 32T 0647000 5174000
Beginning of Pfossental, trail to Sellboden; woodland *Picea abies*, *Larix decidua*, *Betula pendula*, *Corylus avellana*, pasture, meadow; altitudinal range ca. 1,210 – 1,370 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	dry place, pasture and meadow
Amblystegium serpens	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Andreaea rupestris	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Atrichum undulatum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Blepharostoma trichophyllum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Bryum moravicum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, soil, wood
Ceratodon purpureus	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, open soil
Climacium dendroides	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	wet ground, bank, pasture and meadow
Conocephalum conicum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Coscinodon cribrosus	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Dicranum montanum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	bark, rock, wood
Dicranum scoparium	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood, bank
Frullania dilatata	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock and bark
Grimmia elatior	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Hedwigia ciliata	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Hylocomium splendens	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Hypnum cupressiforme	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood, trunk
Isothecium alopecuroides	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock, wood
Leucodon sciuroides	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Mnium spinosum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood

Orthotrichum cupulatum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Plagiochila porelloides	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Plagiomnium undulatum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Plagiothecium laetum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Pleurozium schreberi	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Pogonatum aloides	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, open soil
Pogonatum urnigerum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, open soil, bank
Pohlia nutans	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Polytrichastrum alpinum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Polytrichum juniperinum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, past and mead, bank
Pterigynandrum filiforme	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Radula complanata	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	bark and rock
Rhytidiadelphus triquetrus	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood
Rhytidium rugosum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground dry, pasture and meadow
Schistidium apocarpum	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock
Syntrichia ruralis	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	rock and ground dry, *Larix* root
Thuidium assimile	**110**	IT	23.04.04	1,210 – 1,370 m a.s.l.	ground, wood

111 Pfossental, 32T 0647000 5175000
Beginning of Pfossental; steep slope woodland *Larix decidua*, much *Betula pendula*, sparse *Picea abies*, scree; altitudinal range 1,380 – 1,450 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, open dry, rock
Amblystegium serpens	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Amblystegium subtile	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Andreaea rupestris	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Antitrichia curtipendula	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Apometzgeria pubescens	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Atrichum undulatum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood, soil

Barbilophozia barbata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Bartramia halleriana	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Bartramia ithiphylla	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	groud, shady hollow, scree
Brachythecium rivulare	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood, wet rock
Bryum moravicum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, open place
Ceratodon purpureus	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, open place
Coscinodon cribrosus	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Cynodontium polycarpon	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Dicranum montanum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	bark, rock
Dicranum scoparium	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Distichium capillaceum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, hollow, scree
Encalypta ciliata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, soil, wood and scree
Encalypta rhaptocarpa	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground
Entodon concinnus	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Eurhynchiastrum pulchellum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Frullania dilatata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	bark and rock
Frullania tamarisci	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	brak and rock
Grimmia longirostris	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Hedwigia ciliata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Homalothecium sericeum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Hylocomium splendens	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Hypnum cupressiforme	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, rock, wood and scree
Hypnum revolutum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, scree
Isothecium alopecuroides	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rockface, wood and scre
Leucodon sciuroides	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Metzgeria furcata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	bark and rock
Mnium lycopodioides	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Neckera complanata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rockface
Orthotrichum cupulatum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock
Paraleucobryum longifolium	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Plagiochila porelloides	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree

Plagiomnium affine	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground
Plagiomnium cuspidatum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Plagiothecium laetum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Pleurozium schreberi	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, rock, wood and scree
Pogonatum urnigerum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, rock, wood and scree
Pohlia cruda	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	soil
Polytrichastrum alpinum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Polytrichastrum formosum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Polytrichum piliferum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock and ground
Porella platyphylla	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, wood and scree
Pseudoleskeella nervosa	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, scree
Pterigynandrum filiforme	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock
Radula complanata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	bark and rock
Rhytidiadelphus triquetrus	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Rhytidium rugosum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground and rock, wood and scree
Schistidium apocarpum	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	rock, wd and scree
Syntrichia ruralis	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree
Thuidium assimile	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood
Tortella tortuosa	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground and rock, wood and scree
Tortula modica	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, roadbank
Tortula subulata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground
Tritomaria quinquedentata	**111**	IT	23.04.04	1,380 – 1,450 m a.s.l.	ground, wood and scree

112 Pfossental, 32T 0647000 5176000
Along Pfossental; woodland and rock cliffs, *Larix decidua*, *Polypodium vulgare*, *Juniperus sabina*; roadside with wet cliffs, block scree; altitudinal range 1,450 – 1,590 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	bank and scree
Amblystegium serpens	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Amphidium mougeotii	**112**	IT	23.04.04	1,525 m a.s.l.	rock
Andreaea rupestris	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock, scree
Aneura pinguis	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock
Antitrichia curtipendula	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock, scree
Apometzgeria pubescens	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Barbilophozia barbata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Blindia acuta	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock
Brachytheciastrum velutinum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Brachythecium rutabulum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Bryum alpinum	**112**	IT	23.04.04	1,525 m a.s.l.	rock
Bryum argenteum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, roadbank
Bryum moravicum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock, ground, wood
Bryum pseudotriquetrum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock
Campyliadelphus chrysophyllus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock
Campylium stellatum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet ground
Ceratodon purpureus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground
Conocephalum conicum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood, wet rock
Coscinodon cribrosus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Cratoneuron filicinum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet ground
Cynodontium polycarpon	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Distichium capillaceum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Encalypta ciliata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Entodon concinnus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wall, open light
Eurhynchiastrum pulchellum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Fissidens adianthoides	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock

Grimmia longirostris	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Gymnostomum aeruginosum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet rock
Hedwigia ciliata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock, scree
Homalothecium sericeum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Hylocomium splendens	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood, scree
Hypnum cupressiforme	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood, scree
Hypnum revolutum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Isothecium alopecuroides	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Leucodon sciuroides	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Lophocolea minor	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Metzgeria conjugata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Metzgeria furcata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Mnium lycopodioides	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, roadbank
Palustriella commutata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	wet ground, rock
Plagiomnium cuspidatum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Plagiopus oederianus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Pogonatum urnigerum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Pohlia cruda	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Pohlia elongata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Pohlia nutans	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood
Polytrichum piliferum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood, scree
Porella platyphylla	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	bark and rock
Pseudoleskeella nervosa	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Pterigynandrum filiforme	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock, scree
Ptilidium ciliare	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	bark and rock, scree
Radula complanata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	bark and rock, scree
Rhytidiadelphus triquetrus	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood, scree
Rhytidium rugosum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, open light dry, rock, scree
Schistidium apocarpum	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock
Syntrichia ruralis	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Thuidium assimile	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	ground, wood

Tortella tortuosa	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood
Tortula subulata	**112**	IT	23.04.04	1,450 – 1,590 m a.s.l.	rock and ground, wood

113 Pfossental, 32T 0647000 5177000
Along Pfossental, Jägerrast, Vorderkaser; woodland, scree and pasture, roadside banks; altitudinal range 1,590 – 1,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, open light, banks
Amblystegium serpens	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Aneura pinguis	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	wet ground
Atrichum undulatum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground wood
Barbilophozia barbata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Barbula bicolor	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, roadbank
Bartramia ithiphylla	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Blindia acuta	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	wet ground
Brachythecium salebrosum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Bryum argenteum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, roadbank
Bryum moravicum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Ceratodon purpureus	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground and wood
Conocephalum conicum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, shady
Distichium capillaceum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree, bank
Encalypta ciliata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, scree
Encalypta vulgaris	**113**	IT	05.06.05	1,683 – 1,760 m a.s.l.	stone
Eurhynchiastrum pulchellum	**113**	IT	05.06.05	1,683 – 1,760 m a.s.l.	stone/soil
Grimmia torquata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Hedwigia ciliata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Homalothecium sericeum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	wall
Hylocomium splendens	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood, scree
Hypnum revolutum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock and ground, wood and scree

Metzgeria furcata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock
Mnium lycopodioides	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Mnium spinosum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Orthotrichum anomalum	**113**	IT	22.04.04, 05.06.05	1,590 – 1,700 m a.s.l., 1,683 – 1,760 m a.s.l.	streetwall, stone, soil
Plagiochila porelloides	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Plagiomnium cuspidatum	**113**	IT	22.04.04, 05.06.05	1,590 – 1,700 m a.s.l., 1,683 – 1,760 m a.s.l.	ground, wood, stone, soil
Pleurozium schreberi	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood and scree
Pogonatum urnigerum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground and rock, wood and scree
Pohlia cruda	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, roadbank
Pohlia nutans	**113**	IT	22.04.04, 05.06.05	1,590 – 1,700 m a.s.l., 1,683 – 1,760 m a.s.l.	ground, roadbank, stone, soil
Polytrichastrum alpinum	**113**	IT	05.06.05	1,683 – 1,760 m a.s.l.	ground
Polytrichum juniperinum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, scree, bank
Polytrichum piliferum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground and rock, wood and scree
Pseudoleskeella nervosa	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Pterigynandrum filiforme	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Rhytidium rugosum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, open light, bank
Schistidium apocarpum	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock, scree
Sciuro-hypnum glaciale	**113**	IT	05.06.05	1,683 – 1,760 m a.s.l.	wet ground
Syntrichia ruralis	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock and ground, wood and scree, bank
Thuidium assimile	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood
Tortella tortuosa	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	rock and ground, wood and scree
Tortula muralis	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	wet streetwall
Tortula subulata	**113**	IT	22.04.04	1,590 – 1,700 m a.s.l.	ground, wood and scree

114 Pfossental, Grafbach, 32T 0646000 5177000
Along Pfossental, Vorderkaser, side valley Grafbach; woodland, scree and pasture, roadside banks, *Alnus alnobetula* scrub; altitudinal range 1,760 – 1,980 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Amblystegium serpens	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Anastrophyllum minutum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Andreaea rupestris	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Antitrichia curtipendula	**114**	IT	05.06.05	bis 1,868 m a.s.l.	rock
Atrichum undulatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Barbilophozia hatcheri	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Barbilophozia lycopodioides	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Bartramia ithiphylla	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Brachythecium rivulare	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Brachythecium salebrosum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Bryum pallens	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Cephalozia bicuspidata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Ceratodon purpureus	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Climacium dendroides	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Cynodontium polycarpon	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Cynodontium strumiferum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Dicranella subulata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Dicranodontium denudatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rotten wood
Dicranoweisia crispula	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Dicranum bonjeanii	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Dicranum montanum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rotten wood
Dicranum polysetum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Dicranum scoparium	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground, rock
Frullania dilatata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Grimmia donniana	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Grimmia elatior	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock

Grimmia triformis	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Hedwigia ciliata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Heterocladium dimorphum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Hylocomium splendens	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Hypnum cupressiforme	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground, rock
Lepidozia reptans	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rotten wood
Lescuraea saxicola	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Leucodon sciuroides	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Lophozia incisa	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Lophozia sudetica	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Mielichhoferia elongata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Odontoschisma elongatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Orthotrichum rupestre	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Pellia neesiana	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Philonotis fontana	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	spring
Plagiomnium cuspidatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pleurozium schreberi	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pogonatum aloides	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pogonatum urnigerum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pohlia cruda	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pohlia drummondii	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	river bank
Pohlia elongata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pohlia nutans	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pohlia proligera	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Polytrichastrum alpinum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Polytrichum commune	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Polytrichum piliferum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Pseudoleskeella nervosa	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Pterigynandrum filiforme	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Ptilium crista–castrensis	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Racomitrium elongatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground

Racomitrium fasciculare	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Racomitrium lanuginosum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Radula complanata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	bark, rock
Rhizomnium punctatum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Rhytidiadelphus triquetrus	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Rhytidium rugosum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rock
Sanionia uncinata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Scapania curta	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Schistidium papillosum	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Syntrichia ruralis	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Tetraphis pellucida	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	rotten wood
Tortula hoppeana	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground
Tritomaria quinquedentata	**114**	IT	05.06.05	1,760 – 1,980 m a.s.l.	ground

115 Pfossental, Grafbach, 32T 0645000 5177000
Along Pfossental, Vorderkaser, side valley Grafbach; woodland, scree and pasture, roadside banks, *Alnus alnobetula* scrub; altitudinal range 1,980 – 2,020 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Amphidium mougeotii	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Andreaea rupestris	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Barbilophozia hatcheri	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Bartramia ithiphylla	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Campylopus subulatus	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Ceratodon purpureus	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground, rock
Cynodontium strumiferum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Dicranoweisia crispula	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Dicranum scoparium	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground, rock

Encalypta vulgaris	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Grimmia alpestris	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Grimmia elongata	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Grimmia incurva	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Hedwigia ciliata	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Hylocomium splendens	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Isopterygiopsis muelleriana	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Lescuraea saxicola	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Lophozia ventricosa	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pleurozium schreberi	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pogonatum urnigerum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pohlia drummondii	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pohlia elongata	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pohlia nutans	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pohlia proligera	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Polytrichastrum alpinum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Polytrichum juniperinum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Polytrichum piliferum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Pterigynandrum filiforme	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Ptilium crista–castrensis	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Racomitrium elongatum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Rhytidiadelphus triquetrus	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Rhytidium rugosum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Sanionia uncinata	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Schistidium confertum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Splachnum sphaericum	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	dung
Syntrichia norvegica	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Syntrichia ruralis	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground
Tortella tortuosa	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	rock
Tortula hoppeana	**115**	IT	05.06.05	1,980 – 2,020 m a.s.l.	ground

116 Pfossental, between Mitterkaser and Vorderkaser, 32T 0647000 5178000
Pfossental, between Mitterkaser and Vorderkaser; woodland, scree and pasture, roadside banks, *Alnus alnobetula* scrub; altitudinal range 1,700 – 1,870 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, open light
Bartramia halleriana	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Bartramia ithiphylla	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Blindia acuta	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	wet ground
Brachytheciastrum velutinum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood and pasture
Brachythecium salebrosum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood and pasture
Bryum moravicum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground and rock, wood and pasture
Campylopus subulatus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Ceratodon purpureus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, roadbank
Climacium dendroides	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	wet ground, pasture
Conocephalum conicum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Coscinodon cribrosus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Dicranoweisia crispula	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Dicranum scoparium	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, wood and pasture
Distichium capillaceum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Ditrichum heteromallum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Encalypta ciliata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood and pasture
Entodon concinnus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	stone walls
Eurhynchiastrum pulchellum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Frullania tamarisci	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	bark and rock, wood
Grimmia elongata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Hedwigia ciliata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Hylocomium splendens	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, wood
Hypnum cupressiforme	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Hypnum revolutum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Mnium lycopodioides	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Mnium stellare	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood

Oncophorus virens	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	wet ground, pasture
Orthotrichum cupulatum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l..	rock
Philonotis fontana	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	wet ground, pasture
Pleurozium schreberi	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood and pasture
Pogonatum urnigerum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood and pasture, bank
Pohlia elongata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Pohlia nutans	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Polytrichastrum alpinum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, wood and pasture
Polytrichastrum formosum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Polytrichum juniperinum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Polytrichum piliferum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, open light
Preissia quadrata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, humus wet rock
Pseudoleskeella nervosa	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Pterigynandrum filiforme	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	rock
Racomitrium elongatum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Racomitrium heterostichum agg.	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l..	ground, pasture
Rhytidiadelphus squarrosus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture
Rhytidiadelphus triquetrus	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, bank, wood
Rhytidium rugosum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, open light
Sanionia uncinata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, rock, wood and pasture
Schistidium papillosum	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l..	rock
Syntrichia ruralis	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture, wall
Tortella tortuosa	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, bank, wood and pasture
Tortula subulata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Tritomaria quinquedentata	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, wood
Weissia controversa	**116**	IT	22.04.04	1,700 – 1,870 m a.s.l.	ground, pasture

117 Pfossental, near Mitterkaseralm, 32T 0648000 5179000
Pfossental, near Mitterkaseralm; woodland and pasture, dominating *Larix decidua* with understorey of *Rhododendron ferrugineum*; some *Pinus cembra* on inaccessible cliffs, stonewalls, clearance cairns; altitudinal range 1,870 – 1,954 m a.s.l., Mitterkaseralm 1,954 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, open light
Bartramia halleriana	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock
Bryum argenteum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture, wall
Bryum moravicum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground
Bryum pallens	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture
Campylopus subulatus	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture
Ceratodon purpureus	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, road bank
Coscinodon cribrosus	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock
Encalypta rhaptocarpa	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture
Encalypta vulgaris	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture, wall top
Grimmia longirostris	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock
Hedwigia ciliata	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock
Hylocomium splendens	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture and wood
Pogonatum urnigerum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture and wood, bank
Pohlia cruda	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture
Polytrichum piliferum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, open light
Pseudoleskeella nervosa	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock
Pterigynandrum filiforme	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	rock, wall
Racomitrium elongatum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture, rock
Rhytidiadelphus triquetrus	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture and wood
Rhytidium rugosum	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, open light, wall
Syntrichia ruralis	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture, wall
Tortella fragilis	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture
Tortella tortuosa	**117**	IT	22.04.04	1,870 – 1,954 m a.s.l.	ground, pasture

118 Pfossental, near Mitterkaseralm, 32T 0649000 5179000
Pfossental, near Mitterkaseralm; *Larix decidua – Picea abies* woodland and pasture; altitudinal range 1,980 – 2,060 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Atrichum undulatum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Bartramia ithiphylla	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Brachythecium rivulare	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	river bank
Brachythecium salebrosum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Bryum pseudotriquetrum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	spring
Ceratodon purpureus	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Dicranum montanum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rotten wood
Dicranum scoparium	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Encalypta vulgaris	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Grimmia elatior	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Hygrohypnum duriusculum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rivulet
Hylocomium splendens	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Hypnum cupressiforme	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Hypnum revolutum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Lescuraea saxicola	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Oligotrichum hercynicum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Oncophorus virens	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	spring
Orthotrichum rupestre	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Philonotis fontana	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	spring
Philonotis seriata	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	spring
Pleurozium schreberi	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Pogonatum urnigerum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Polytrichastrum alpinum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Polytrichum juniperinum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Polytrichum piliferum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Pseudoleskeella nervosa	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock

Pterigynandrum filiforme	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	rock
Racomitrium elongatum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Sanionia uncinata	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Scapania curta	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Sciuro-hypnum reflexum	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Syntrichia ruralis	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Tortella tortuosa	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Tortula hoppeana	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	ground
Warnstorfia exannulata	**118**	IT	30.06.05	1,980 – 2,060 m a.s.l.	spring

119 Pfossental, at Eishof, 32T 0650000 5179000
Pfossental, at Eishof; *Larix decidua - Picea abies* woodland and pasture, river banks; altitudinal range 2,060 – 2,090 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Barbilophozia hatcheri	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Barbilophozia lycopodioides	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Bartramia ithiphylla	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Brachythecium glareosum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Brachythecium salebrosum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Bryum capillare	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Bryum pseudotriquetrum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	spring
Ceratodon purpureus	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Dicranoweisia crispula	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Dicranum muehlenbeckii	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Dicranum scoparium	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Distichiuim capillaceum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Ditrichum flexicaule	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Encalypta streptocarpa	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock

Grimmia elatior	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Grimmia triformis	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Hylocomium splendens	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Lescuraea saxicola	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Lophozia sudetica	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Mnium lycopodioides	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Orthotrichum rupestre	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Pleurozium schreberi	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Pogonatum urnigerum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Pohlia nutans	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Polytrichastrum alpinum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Polytrichum juniperinum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Polytrichum piliferum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Preissia quadrata	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Racomitrium elongatum	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Sanionia uncinata	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Sciuro-hypnum glaciale	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Syntrichia norvegica	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Syntrichia ruralis	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground
Tortella tortuosa	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	rock
Tortula hoppeana	**119**	IT	30.06.05	2,060 – 2,090 m a.s.l.	ground

120 Pfossental, at Eishof, 32T 0651000 5179000
Pfossental, at Eishof; *Larix decidua – Picea abies* woodland and pasture, river banks; altitudinal range 2,090 – 2,180 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Barbilophozia lycopodioides	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Bartramia ithiphylla	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock

Brachythecium salebrosum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Ceratodon purpureus	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Dicranoweisia crispula	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Dicranum scoparium	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Encalypta alpina	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Eurhynchiastrum pulchellum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Eurhynchium crassinervium	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Grimmia longirostris	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Hylocomium splendens	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Hypnum cupressiforme	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground, rock
Lescuraea saxicola	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Lophozia sudetica	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Pleurozium schreberi	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Pogonatum urnigerum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Pohlia drummondii	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	spring
Pohlia elongata	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Pohlia nutans	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Polytrichum juniperinum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Polytrichum piliferum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Pterigynandrum filiforme	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Racomitrium elongatum	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Sanionia uncinata	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Schistidium dupretii	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	rock
Syntrichia ruralis	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground
Tetraplodon mnioides	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	cowpat
Tortula hoppeana	**120**	IT	30.06.05	2,090 – 2,180 m a.s.l.	ground

121 Pfossental, above Eishof, 32T 0652000 5179000
Pfossental, above Eishof; timberline, *Juniperus communis* ssp. *alpina* heath, *Pinus mugo* shrub, pasture, marble boulders; altitudinal range 2,180 – 2,350 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Aneura pinguis	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Aulacomnium palustre	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	wet ground
Barbilophozia lycopodioides	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Bartramia halleriana	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Bartramia ithiphylla	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Blepharostoma trichophyllum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Blindia acuta	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	wet rock
Brachythecium rutabulum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Bryum pseudotriquetrum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Campylium stellatum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Cratoneuron filicinum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Dichodontium palustre	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Dicranoweisia crispula	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Dicranum bonjeanii	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Dicranum scoparium	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Distichium capillaceum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Encalypta ciliata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Encalypta rhaptocarpa	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Fissidens osmundioides	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Grimmia donniana cf .	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Grimmia hartmannii	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Grimmia longirostris	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Heteocladium dimorphum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Hypnum cupressiforme	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground, rock
Lescuraea saviniana	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Meesia uliginosa	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	wet ground
Mielichhoferia elongata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock

Mnium thomsonii	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Myurella julacea	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Odontoschisma elongatum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Oligotrichum hercynicum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Palustriella commutata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Pellia neesiana	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Philonotis fontana	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Plagiochila porelloides	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Pleurozium schreberi	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Pogonatum urnigerum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Pohlia cruda	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Pohlia drummondii	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	spring
Pohlia nutans	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Polytrichum juniperinum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Polytrichum piliferum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Preissia quadrata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Pseudoleskea incurvata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Racomitrium affine	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Racomitrium elongatum	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Radula complanata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Sanionia uncinata	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Scapania curta	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Syntrichia norvegica	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Syntrichia ruralis	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Tortella fragilis	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Tortella tortuosa	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	rock
Tortula hoppeana	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground
Weissia condensa	**121**	IT	30.06.05	2,180 – 2,350 m a.s.l.	ground

122 Pfossental, above Eishof, 32T 0653000 5179000
Pfossental, above Eishof; alpine pasture, alpine vegetation, marble boulders; altitudinal range 2,350 – 2,610 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Aneura pinguis	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Anthelia juratzkana	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	snow patch
Aulacomnium palustre	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground
Bartramia ithiphylla	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Blindia acuta	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet rock
Brachythecium salebrosum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Bryum elegans	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Bryum pseudotriquetrum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground
Campylium stellatum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	spring
Cephalozia ambigua	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	snow patch
Ceratodon purpureus	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Dichodontium palustre	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	spring
Dicranoweisia crispula	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Dicranum polysetum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Dicranum scoparium	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground, rock
Diphyscium foliosum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Distichium capillaceum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Encalypta ciliata	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Encalypta vulgaris	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Eurhynchiastrum pulchellum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Eurhynchium crassinervium	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Grimmia donniana cf	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Lophozia ventricosa	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Marchantia polymorpha	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Marsupella alpina	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	snow patch
Marsupella sphacelata	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground
Meesia uliginosa	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground

Odontoschisma elongatum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Oligotrichum hercynicum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Oncophorus virens	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground
Palustriella commutata	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	spring
Philonotis fontana	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet ground
Pogonatum urnigerum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Pohlia drummondii	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Pohlia elongata	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Pohlia nutans	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Polytrichastrum alpinum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Polytrichum juniperinum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Polytrichum piliferum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Pseudoleskea patens	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Racomitrium elongatum	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Racomitrium ericoides	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Racomitrium macounii	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	wet rock
Sanionia uncinata	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Scapania subalpina	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	spring
Schistidium dupretii cf	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Syntrichia norvegica	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground
Tortella fragilis	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Tortella tortuosa	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	rock
Tortula hoppeana	**122**	IT	30.06.05	2,350 – 2,610 m a.s.l.	ground

123 Pfossental, near Stettiner Hütte, 32T 0654000 51,79000
Pfossental, near Stettiner Hütte; alpine vegetation, marble boulders; altitudinal range 2,610 – 2,630 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anthelia juratzkana	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	snow patch
Bartramia ithiphylla	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Blindia acuta	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	wet rock
Brachythecium salebrosum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Bryum pseudotriquetrum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	spring
Campylium stellatum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Cephalozia ambigua	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	snowbed
Didymodon luridus	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Distichium capillaceum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Grimmia triformis cf	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Hypnum revolutum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Lophozia sudetica	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Lophozia ventricosa	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Oncophorus virens	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	wet ground
Palustriella commutata	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	spring
Philonotis seriata	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	wet ground
Pohlia nutans	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Polytrichastrum sexangulare	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	snow patch
Polytrichum piliferum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Pseudoleskea incurvata	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock
Racomitrium elongatum	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Racomitrium ericoides	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Sanionia uncinata	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Syntrichia norvegica	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	ground
Tortella tortuosa	**123**	IT	30.06.05	2,610 – 2,630 m a.s.l.	rock

124 Pfossental, at Stettiner Hütte, 32T 0654000 5180000
Pfossental, towards Stettiner Hütte; alpine vegetation, marble boulders; altitudinal range ca. 2,600 – 2,875 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anthelia juratzkana	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	snowbed
Bartramia ithiphylla	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Bryoerythrophyllum recurvirostrum	**124**	IT	30.06.05	ca. 2,790 m a.s.l.	ground
Bryum pseudotriquetrum	**124**	IT	30.06.05	ca. 2,895 m a.s.l.	wet ground
Cephalozia ambigua	**124**	IT	30.06.05	ca. 2,600 – 2,895 m a.s.l.	snowbed
Ceratodon purpureus	**124**	IT	30.06.05	ca. 2,600 – 2,895 m a.s.l.	ground
Dicranoweisia crispula	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Diplophyllum taxifolium	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Eurhynchium crassinervium	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Grimmia caespitica cf	**124**	IT	30.06.05	ca. 2,600 – 2,895 m a.s.l.	rock
Grimmia donniana cf	**124**	IT	30.06.05	ca. 2,600 – 2,895 m a.s.l.	rock
Grimmia longirostris cf	**124**	IT	30.06.05	ca. 2,600 – 2,895 m a.s.l.	rock
Gymnomitrion concinnatum	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Gymnomitrion coralloides	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Gymnostomum aeruginosum cf	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Jamesoniella autumnalis cf	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Kiaeria falcata	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	snowbed
Lophozia opacifolia	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Lophozia ventricosa	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Marsupella alpina cf	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Odontoschisma elongatum	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Oligotrichum hercynicum	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Philonotis fontana	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	wet ground
Philonotis seriata	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	spring
Pogonatum urnigerum	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Pohlia drummondii	**124**	IT	30.06.05	ca. 2,790 m a.s.l.	ground
Polytrichastrum sexangulare	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	snowbed

Polytrichum piliferum	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Pseudoleskea incurvata	**124**	IT	30.06.05	2800 m a.s.l.	rock
Racomitrium affine	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	rock
Racomitrium ericoides	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Schistidium sordidum	**124**	IT	30.06.05	ca. 2,895 m a.s.l.	rock
Sciuro-hypnum glaciale cf	**124**	IT	30.06.05	ca. 2,790 m a.s.l.	ground
Syntrichia norvegica	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Syntrichia ruralis	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	ground
Tortella fragilis	**124**	IT	30.06.05	ca. 2,790 m a.s.l.	rock
Warnstorfia exannulata	**124**	IT	30.06.05	ca. 2,600 – 2,875 m a.s.l.	spring

125 Pfossental, at Stettiner Hütte, 32T 0655000 5180000
Pfossental, at Stettiner Hütte; alpine vegetation; altitudinal range 2,700 – 2,880 m a.s.l., Stettiner Hütte 2,875 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Anthelia juratzkana	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	snow patch
Barbilophozia hatcheri	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Bartramia ithiphylla	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Bryum argenteum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Ceratodon purpureus	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Dicranoweisia crispula	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Distichium capillaceum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Grimmia longirostris	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Gymnomitrion concinnatum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Gymnomitrion coralloides	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Lophozia sudetica	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Odontoschisma elongatum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Philonotis seriata	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	spring

Pohlia drummondii	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	snow patch
Polytrichastrum sexangulare	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	snow patch
Polytrichum juniperinum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground
Polytrichum piliferum	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Pseudoleskeella nervosa	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	rock
Syntrichia norvegica	**125**	IT	01.07.05	2,700 – 2,880 m a.s.l.	ground

126 Pfelderertal, Labkofel, 32T 0655000 5181000
Pfelderertal, below Labkofel, near saddle; alpine vegetation, *dryas octopetala*, *Carex firma*, *Sesleria varia* where marble dominates; altitudinal range 2,400 – 2,571 m a.s.l., Zollhütte 2,571 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anthelia juratzkana	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Athalamia hyalina	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Barbilophozia hatcheri	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Bartramia ithiphylla	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock, snow patch
Blepharostoma trichophyllum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Brachythecium salebrosum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Bryum elegans	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Bryum pseudotriquetrum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	spring
Campylium stellatum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	spring
Cephalozia bicuspidata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Ceratodon purpureus	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Cirriphyllum piliferum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Dicranella subulata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Dicranoweisia crispula	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Distichium capillaceum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock, ground
Encalypta alpina	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock

Grimmia longirostris	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Gymnomitrion coralloides	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Hygrohypnum luridum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	spring, river
Lescuraea saxicola	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Meesia uliginosa	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	wet ground
Odontoschisma elongatum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Palustriella commutata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	spring
Philonotis fontana	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	spring
Pogonatum urnigerum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Pohlia drummondii	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Pohlia elongata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Polytrichastrum sexangulare	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Polytrichum piliferum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Preissia quadrata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Pseudoleskeella nervosa	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Racomitrium affine	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Racomitrium elongatum	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Racomitrium fasciculare	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Sanionia uncinata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Scapania curta	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Schistidium dupretii	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Syntrichia norvegica	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground
Tayloria froelichiana	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	snow patch
Tortella fragilis	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock
Tortella inclinata	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	ground, gravel
Tortella tortuosa	**126**	IT	03.07.05	2,400 – 2,571 m a.s.l.	rock

127 Pfelderertal, below Labkofel, 32T 0656000 5181000
Pfelderertal, below Labkofel, near saddle, Meran high altitude trail; alpine vegetation, *dryas octopetala*, *Carex firma*, *Sesleria caerulea* where marble dominates, pasture, rock; altitudinal range 2,080 – 2,400 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblyodon dealbatus	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet ground
Amphidium lapponicum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Amphidium mougeotii	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Anastrophyllum minutum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Andreaea rupestris	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Anthelia juratzkana	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	snow patch
Aulacomnium palustre	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet ground
Barbilophozia hatcheri	**127**	IT	03.07.05	ca. 2,080 m a.s.l.	ground
Bartramia halleriana	**127**	IT	03.07.05	ca. 2,080 m a.s.l.	rock
Bartramia ithiphylla	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Blepharostoma trichophyllum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Blindia acuta	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet rock
Brachytheciastrum velutinum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Brachythecium glareosum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Brachythecium salebrosum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Bryum elegans	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Bryum pseudotriquetrum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Campylium stellatum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet ground
Conostomum tetragonum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Dicranella subulata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Dicranoweisia crispula	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Dicranum bonjeanii	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring, bog
Dicranum scoparium	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Didymodon rigidulus	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Diplophyllum taxifolium	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Distichium capillaceum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Ditrichum flexicaule	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock

Encalypta alpina	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Encalypta rhaptocarpa	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Grimmia torquata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Grimmia trichophylla	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Gymnomitrion concinnatum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Gymnomitrion coralloides	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Heterocladium dimorphum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Hylocomium splendens	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Kiaeria starkei	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Lescuraea saxicola	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Leucodon sciuroides	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Lophozia sudetica	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Marsupella commutata	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Meesia uliginosa	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring
Mnium marginatum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Oligotrichum hercynicum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Orthothecium intricatum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Palustriella commutata	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring
Philonotis fontana	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet ground
Plagiochila porelloides	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Plagiopus oederianus	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Plagiothecium laetum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Pleurozium schreberi	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Pogonatum urnigerum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Pohlia cruda	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Pohlia elongata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Polytrichastrum alpinum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Polytrichastrum formosum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	ground
Polytrichum juniperinum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Polytrichum piliferum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock

Preissia quadrata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Pseudoleskeella nervosa	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Ptychodium plicatum	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Racomitrium ericoides	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Racomitrium fasciculare	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Racomitrium heterostichum agg.	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Racomitrium lanuginosum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Radula complanata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Rhizomnium punctatum	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring
Sanionia uncinata	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Scapania curta	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock
Scapania subalpina	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring
Schistidium trichodon	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Sciuro-hypnum glaciale	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Sphagnum capillifolium	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	wet ground
Syntrichia norvegica	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Tetraplodon mnioides	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	dung on ground
Timmia austriaca	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Tortella fragilis	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Tortella tortuosa	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	rock
Tortula leucostoma	**127**	IT	03.07.05	2,080 – 2,400 m a.s.l.	ground
Warnstorfia exannulata	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	spring
Weissia controversa	**127**	IT	03.07.05	ca. 2,400 m a.s.l.	rock

128 Pfelderertal, Lazins Alm, 32T 0656000 5182000
Pfelderertal, Lazins Alm, Meran high altitude trail; pasture, rock; altitudinal range 1,860 – 2,080 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Andreaea rupestris	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Anthelia juratzkana	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	snow patch
Barbilophozia lycopodioides	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Bartramia halleriana	**128**	IT	03.07.05	1935 m a.s.l.	rock
Bartramia ithiphylla	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Blindia acuta	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	wet rock
Brachytheciastrum velutinum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Bryum pseudotriquetrum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Calypogeia suecica	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	wet ground
Cephalozia bicuspidata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Ceratodon purpureus	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Cratoneuron filicinum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Cynodontium polycarpon	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Dichodontium palustre	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Dicranella subulata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Dicranoweisia crispula	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Dicranum bonjeanii	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Dicranum polysetum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	wet ground
Dicranum scoparium	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Diplophyllum taxifolium	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Grimmia incurva	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Grimmia longirostris	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Gymnomitrion concinnatum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Gymnomitrion coralloides	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Heterocladium dimorphum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Hylocomiastrum pyrenaicum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground

Hylocomium splendens	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Jungermannia atrovirens	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Kiaeria starkei	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Lophozia incisa	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Lophozia sudetica	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Marchantia polymorpha	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Marsupella commutata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Odontoschisma elongatum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Oligotrichum hercynicum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Palustriella commutata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Philonotis seriata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Plagiothecium denticulatum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Pleurozium schreberi	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Pogonatum urnigerum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Pohlia drummondii	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Polytrichastrum alpinum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Polytrichum piliferum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Pseudoleskea patens	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Racomitrium affine	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	wet rock
Racomitrium elongatum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Racomitrium fasciculare	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Racomitrium microcarpon	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Rhizomnium punctatum	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Sanionia uncinata	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Scapania uliginosa	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	spring
Schistidium papillosum.	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Sphagnum capillifolium	**128**	IT	03.07.05	ca. 2,000 m a.s.l.	wet ground
Sphagnum russowii	**128**	IT	03.07.05	ca. 2,000 m a.s.l.	wet ground
Syntrichia norvegica	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground
Tortella tortuosa	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	rock
Tortula hoppeana	**128**	IT	03.07.05	1,860 – 2,080 m a.s.l.	ground

129 Pfelderertal, Pfelderer Alm, 32T 0657000 5182,000
Pfelderertal, Pfelderer Alm; slope with marble and micaschist, pasture, rock; altitudinal range 1,820 – 1,860 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Amphidium mougeotii	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	wet rock
Atrichum undulatum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Barbilophozia lycopodioides	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Bartramia ithiphylla	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Brachythecium salebrosum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Bryum argenteum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground, roof
Bryum capillare	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Bryum moravicum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Bryum pseudotriquetrum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	spring
Campylium stellatum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	spring
Ceratodon purpureus	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Conocephalum conicum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Dicranoweisia crispula	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Dicranum polysetum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Dicranum scoparium	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Distichium capillaceum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Ditrichum flexicaule	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Encalypta ciliata	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Encalypta rhaptocarpa	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Encalypta streptocarpa	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Eurhynchiastrum pulchellum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Grimmia anodon	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Grimmia elatior	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Grimmia elongata	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Grimmia orbicularis	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock

Hylocomium splendens	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Hypnum cupressiforme	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Leiocolea heterocolpos	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Lescuraea saxicola	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Leucodon sciuroides	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Mnium thomsonii	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Myurella julacea	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Orthothecium intricatum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Palustriella commutata	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	spring
Philonotis fontana	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	spring
Plagiochila asplenioides	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Plagiomnium elatum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Plagiopus oederianus	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Pleurozium schreberi	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Pogonatum urnigerum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Pohlia cruda	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Polytrichastrum alpinum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Polytrichum juniperinum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Polytrichum piliferum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Preissia quadrata	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Pseudoleskeella nervosa	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Pterigynandrum filiforme	**129**	IT	11.08.06	1,820 – 1,860 m a.s.l.	rock
Racomitrium elongatum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Rhytidiadelphus triquetrus	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Rhytidium rugosum	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Sanionia uncinata	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Schistidium dupretii	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Schistidium trichodon	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Syntrichia norvegica	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Syntrichia ruralis	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Timmia bavarica	**129**	IT	11.08.06	1,820 – 1,860 m a.s.l.	ground

Tortella tortuosa	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	rock
Tortula leucostoma	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground
Weissia rutilans	**129**	IT	02.07.05	1,820 – 1,860 m a.s.l.	ground

130 Pfelderertal, Pfelderer Alm, 32T 0657000 5183000
Pfelderertal, Pfelderer Alm; pasture, rock; altitudinal range 1,770 – 1,820 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Amblyodon dealbatus	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Amblystegium serpens	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground / rock
Anastrophyllum minutum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Aneura pinguis	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Barbilophozia lycopodioides	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Bartramia ithiphylla	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Blindia acuta	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Brachythecium salebrosum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Bryum argenteum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Bryum pseudotriquetrum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Campylium stellatum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Catascopium nigritum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Cephalozia bicuspidata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Climacium dendroides	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Cratoneuron filicinum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Dicranella varia	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Dicranum bonjeanii	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Dicranum scoparium	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Diplophyllum taxifolium	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Distichium capillaceum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock

Encalypta microstoma	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Encalypta rhaptocarpa	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Encalypta streptocarpa	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Eurhynchiastrum pulchellum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Funaria hygrometrica	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Grimmia caespitica	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Grimmia elatior	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Grimmia elongata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Grimmia incurva	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Gymnomitrion concinnatum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Hylocomium splendens	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Hypnum cupressiforme	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Hypnum revolutum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Lescuraea saxicola	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Lophocolea minor	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Myurella julacea	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Odontoschisma elongatum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Palustriella commutata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Philonotis fontana	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	spring
Plagiochila porelloides	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Pleurozium schreberi	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Pogonatum urnigerum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Pohlia andalusica	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Pohlia cruda	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Pohlia elongata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Polytrichastrum alpinum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Polytrichum juniperinum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Polytrichum piliferum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Preissia quadrata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Pseudoleskeella nervosa	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Pterigynandrum filiforme	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock

Racomitrium elongatum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Racomitrium fasciculare	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Rhytidium rugosum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Scapania curta	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Schistidium apocarpum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Schistidium dupretii	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Sphagnum russowii	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	wet ground
Syntrichia norvegica	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Syntrichia ruralis	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Thuidium delicatulum	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Tortella inclinata	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	gravel
Tortella tortuosa	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	rock
Tortula hoppeana	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground
Weissia rutilans	**130**	IT	02.07.05	1,770 – 1,820 m a.s.l.	ground

131 Pfelderertal, Pfelders village, 32T 0658000 5184000
Pfelderertal, towards Lazins; pasture, blocks; altitudinal range 1,660 – 1,820 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Anastrophyllum minutum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Andreaea rupestris	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Barbilophozia lycopodioides	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Bartramia ithiphylla	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Blepharostoma trichophyllum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Calypogeia neesiana	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Climacium dendroides	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Dicranoweisia crispula	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Dicranum bonjeanii	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground

Dicranum polysetum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Dicranum scoparium	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Diphyscium foliosum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Diplophyllum taxifolium	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Distichium capillaceum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Entodon concinnus	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Grimmia longirostris	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Heterocladium dimorphum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Hylocomium splendens	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Hypnum cupressiforme	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Isothecium alopecuroides	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Lescuraea saxicola	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Lophozia ventricosa	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Palustriella commutata	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	spring
Pellia endiviaefolia	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Philonotis fontana	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	wet ground
Pleurozium schreberi	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Polytrichastrum alpinum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Polytrichum juniperinum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Polytrichum piliferum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock
Preissia quadrata	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Pseudoleskeella nervosa	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Pterigynandrum filiforme	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Racomitrium elongatum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Rhytidiadelphus triquetrus	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Sanionia uncinata	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Schistidium papillosum	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Syntrichia norvegica	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	ground
Tortella tortuosa	**131**	IT	11.08.06	1,660 – 1,820 m a.s.l.	rock

132 Pfelderertal, Pfelders village, 32T 0659000 5184000
Pfelderertal, Pfelders village; alluvial deposits, pasture and marble; altitudinal range 1,630 – 1,700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Amblyodon dealbatus	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Amphidium mougeotii	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Andreaea rupestris	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Barbilophozia hatcheri	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Barbilophozia lycopodioides	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Bartramia ithiphylla	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Bartramia pomiformis	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Blepharostoma trichophyllum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Brachythecium cirrosum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Brachythecium rutabulum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Brachythecium salebrosum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Bryum argenteum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Bryum moravicum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Bryum pallens	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Campylium stellatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	wet ground
Catascopium nigritum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	spring
Cirriphyllum piliferum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Climacium dendroides	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Conocephalum conicum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Dichodontium pellucidum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	wet ground
Dicranella varia	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Dicranoweisia crispula	**132**	IT	11.06.02	1,630 – 1,700 m a.s.l.	rock
Dicranum bonjeanii	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	spring
Diphyscium foliosum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Diplophyllum taxifolium	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock

Distichium capillaceum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Ditrichum flexicaule	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Encalypta rhaptocarpa	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Encalypta streptocarpa	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Grimmia longirostris	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Homalothecium sericeum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Hygrohypnum luridum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Hylocomium splendens	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Lescuraea saxicola	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Lophocolea bidentata	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Marchantia polymorpha	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Mnium marginatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Mnium stellare	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Myurella julacea	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Myurella tenerrima	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Oligotrichum hercynicum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Orthothecium intricatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Orthothecium rufescens	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Palustriella commutata	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	spring
Pellia endiviaefolia	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Pellia neesiana	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Plagiochila porelloides	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Plagiomnium cuspidatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Plagiopus oederianus	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Plagiothecium denticulatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Pogonatum aloides	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	track bank
Pogonatum urnigerum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Pohlia cruda	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Polytrichastrum alpinum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Polytrichum juniperinum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Polytrichum piliferum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock

Preissia quadrata	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Pseudoleskeella nervosa	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Pterigynandrum filiforme	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Ptychodium plicatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Racomitrium affine	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Racomitrium elongatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Racomitrium lanuginosum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Racomitrium macounii	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Radula complanata	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Rhizomnium punctatum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	river bank
Rhytidiadelphus triquetrus	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Sanionia uncinata	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Scapania irrigua	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Schistidium dupretii	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock
Sciuro-hypnum reflexum	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Syntrichia norvegica	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Timmia austriaca	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Tortella fragilis	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	ground
Tortella tortuosa	**132**	IT	11.08.06	1,630 – 1,700 m a.s.l.	rock

133 Pfelderertal, Pfelders village, 32T 0659000 5185000
Pfelderertal, Pfelders village; alluvial deposits and marble, river, rock, pasture, woodland, walls; altitudinal range 1,610 – 1,940 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Barbilophozia hatcheri	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Bartramia ithiphylla	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Blindia acuta	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	wet rock
Bryum argenteum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground

Bryum elegans	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Cephalozia bicuspidata	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Ceratodon purpureus	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Climacium dendroides	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Conocephalum conicum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Dichodontium palustre	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	wet ground
Dichodontium pellucidum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	at river
Dicranodontium denudatum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Dicranoweisia crispula	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Dicranum bonjeanii	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Grimmia caespitica	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Heterocladium dimorphum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Hylocomiastrum pyrenaicum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Lescuraea saxicola	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Odontoschisma elongatum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Oligotrichum hercynicum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Palustriella commutata	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	spring, at river
Pellia endiviaefolia	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	wet ground
Philonotis fontana	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	wet ground, at river
Philonotis seriata	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	at river
Pogonatum urnigerum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Pohlia drummondii	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	wet ground
Pohlia proligera	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Pohlia wahlenbergii var. *glacialis*	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Polytrichastrum alpinum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Polytrichum piliferum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Pseudoleskea incurvata	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Pseudoleskeella nervosa	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Pterigynandrum filiforme	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Racomitrium elongatum	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Scapania curta	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground

Schistidium rivulare	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock at river
Syntrichia norvegica	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Syntrichia ruralis	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground
Tortella tortuosa	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	rock
Tortula leucostoma	**133**	IT	11.08.06	1,700 – 1,940 m a.s.l.	ground

134 Pfelderertal, Pfelders village, 32T 0660000 5185000
Pfelderertal, Pfelders village; alluvial deposits, woodland, river bank, rock, pasture, springs; altitudinal range 1,570 – 1,940 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Amphidium mougeotii	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	shaded rock
Aneura pinguis	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, spring
Atrichum undulatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland, ground
Barbula convoluta	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	stonewall
Bartramia ithiphylla	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Blindia acuta	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet rock
Brachythecium rivulare	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Bryum alpinum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Bryum argenteum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock at river
Bryum moravicum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Bryum pallens	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet rock sunny
Bryum pseudotriquetrum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	spring, wet ground
Calypogeia fissa	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Campylium stellatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet rock
Cephalozia bicuspidata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, spring
Ceratodon purpureus	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Climacium dendroides	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Conocephalum conicum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock shade

Dichodontium palustre	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet ground
Dicranodontium uncinatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Dicranoweisia crispula	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Dicranum polysetum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland, ground, rock wet
Dicranum scoparium	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Didymodon ferrugineus	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Diplophyllum obtusifolium	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	spring
Diplophyllum taxifolium	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Distichium capillaceum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Ditrichum flexicaule	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Encalypta ciliata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Encalypta rhaptocarpa	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Encalypta streptocarpa	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Frullania dilatata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Funaria hygrometrica	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Grimmia caespitica	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Grimmia elatior	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Grimmia elongata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Grimmia ovalis	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Grimmia unicolor	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Hedwigia ciliata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Homalothecium sericeum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Hygrohypnum luridum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	river
Hylocomium splendens	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, woodland, ground
Hypnum revolutum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock sunny
Isothecium alopecuroides	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Jungermannia confertissima	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock wet
Jungermannia exsertifolia ssp. *cordifolia*	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	in river
Kiaeria starkei	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Leucodon sciuroides	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Lophozia sudetica	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock

Marchantia polymorpha	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, wall
Mnium thomsonii	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Moerckia hibernica	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, ground
Odontoschisma elongatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Orthotrichum anomalum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Orthotrichum rupestre	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Palustriella commutata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	spring
Pellia endiviaefolia	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Pellia neesiana	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet ground
Philonotis fontana	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet ground
Philonotis seriata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock wet
Plagiomnium cuspidatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, ground
Pogonatum aloides	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	roadbank, rock
Pogonatum urnigerum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Pohlia cruda	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Pohlia elongata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Pohlia nutans	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, ground
Pohlia proligera	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Polytrichastrum alpinum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Polytrichastrum formosum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland ground
Polytrichum juniperinum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Polytrichum piliferum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Preissia quadrata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Pterigynandrum filiforme	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Racomitrium elongatum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Racomitrium fasciculare	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Radula complanata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, bark
Radula lindenbergiana	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, bark
Rhizomnium magnifolium	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	river bank shade, wet ground
Rhytidiadelphus squarrosus	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland, pasture
Rhytidiadelphus triquetrus	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland

Rhytidium rugosum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Saelania glaucescens	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Sanionia uncinata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, woodland
Scapania undulata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wet rock, spring
Schistidium dupretii	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wall
Schistidium papillosum	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	wall
Schistidium trichodon	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock-wall
Schistostega pennata	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, overhang
Sphagnum girgensohnii	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland
Sphagnum quinquefarium	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	woodland
Syntrichia norvegica	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Syntrichia ruralis	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	ground
Tetraphis pelllucida	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rotten wood, rock
Tortella fragilis	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock, wall
Tortella tortuosa	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Tortula leucostoma	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock
Weissia controversa	**134**	IT	30.06.15	1,570 – 1,610 m a.s.l.	rock

135 Pfelderertal, at Krössbichl, 32T 0661000 5185000
Pfelderertal at Krössbichl; woodland, river bank, rock, pasture, marsh; altitudinal range ca.1,550 – 1,565 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Amblystegium serpens	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock shade
Amphidium mougeotii	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Andreaea rupestris	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Aneura pinguis	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Atrichum undulatum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland, ground
Bartramia halleriana	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, wall

Bartramia ithiphylla	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Brachythecium rivulare	**135**	IT	30.06.15	ca.1,565 m a.s.l.	wet ground, wall wet
Brachythecium rutabulum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	wall
Brachythecium salebrosum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	wall
Bryum alpinum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock (lime?)
Bryum argenteum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Bryum pallens	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	wall
Calypogeia muelleriana	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Campyliadelphus chrysophyllus	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock (lime?)
Cephalozia bicuspidata	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock, rotten wood
Ceratodon purpureus	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Cirriphyllum piliferum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	ground
Climacium dendroides	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	bog
Conocephalum conicum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Cynodontium polycarpon	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Dicranella grevilleana	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Dicranella heteromalla	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rotten wood
Dicranoweisia crispula	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock at river, rock shade
Dicranum scoparium	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Didymodon acutus	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock at river
Diplophyllum albicans	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rotten wood, rock shade
Ditrichum flexicaule	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, shady crevice
Encalypta ciliata	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, wall
Encalypta streptocarpa	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Frullania dilatata	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, raw soil
Grimmia caespitica	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Grimmia elatior	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Grimmia triformis	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Grimmia unicolor	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock at river
Hedwigia ciliata	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock

Hylocomium splendens	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock, ground
Hypnum cupressiforme	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Isothecium alopecuroides	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Jungermannia gracillima	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Leptobryum pyriforme	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Lophozia ascendens	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rotten wood
Lophozia incisa	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rotten wood
Marchantia polymorpha	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Mnium thomsonii	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Myurella julacea	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Odontoschisma elongatum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, shady crevice
Oligotrichum hercynicum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Orthotrichum anomalum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock (lime?)
Oxyrrhynchium schleicheri	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock shade
Paraleucobryum longifolium	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Pellia epiphylla	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Plagiopus oederianus	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Plagiothecium cavifolium	**135**	IT	30.06.15	ca.1,565 m a.s.l.	ground
Plagiothecium laetum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rotten wood
Pleurozium schreberi	**135**	IT	30.06.15	ca.1,565 m a.s.l.	ground
Pogonatum aloides	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Pogonatum urnigerum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Pohlia cruda	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock shade
Pohlia elongata	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock, raw soil
Pohlia nutans	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	stonewall
Polytrichastrum alpinum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	ground
Polytrichastrum formosum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland
Polytrichum commune	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland
Polytrichum juniperinum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock, ground
Polytrichum piliferum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Preissia quadrata	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock

Pterigynandrum filiforme	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Radula complanata	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Rhizomnium punctatum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock shade, ground
Rhytidiadelphus squarrosus	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland
Rhytidiadelphus triquetrus	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland
Rhytidium rugosum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Sanionia uncinata	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock, tree
Scapania umbrosa	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rotten wood
Schistidium confertum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Schistidium crassipilum	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Schistidium dupretii	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock
Schistidium rivulare	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock in river, wall wet, rock at river
Schistidium trichodon	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock at river
Sphagnum capillifolium	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	bog
Sphagnum girgensohnii	**135**	IT	30.06.15	ca.1,565 m a.s.l.	woodland
Sphagnum squarrosum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	bog
Sphagnum subsecundum	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	woodland bog
Sphagnum warnstorfii	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	woodland bog
Syntrichia norvegica	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock at river
Syntrichia ruralis	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock
Tetraphis pellucida	**135**	IT	30.06.15	ca.1,565 m a.s.l.	rock, rotten wood
Tortella fragilis	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock (lime?)
Tortella tortuosa	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock (lime?)
Weissia rutilans	**135**	IT	02.07.15	ca.1,550 – 1,565 m a.s.l.	rock

136 Pfelderertal, at Innerhütt, 32T 0662000 5186000
Pfelderertal at Innerhütt; woodland, river bank, rock, pasture, marsh; altitudinal range ca.1,425 – 1,510 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Amblystegium serpens	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock shade
Anastrophyllum minutum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Anomodon viticulosus	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Atrichum undulatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland, ground
Aulacomnium palustre	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Barbilophozia hatcheri	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Barbilophozia lycopodioides	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Bartramia halleriana	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Blepharostoma trichophylllum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	acid ground, rotten wood
Blindia acuta	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock wet sunny
Brachytheciastrum velutinum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock (lime?)
Brachythecium rivulare	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	wet ground
Bryoerythrophyllum recurvirostrum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Bryum alpinum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Bryum argenteum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Bryum capillare	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Bryum pseudotriquetrum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog, rock wet
Bryum torquescens	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock shade (lime?)
Bryum weigelii	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Buxbaumia aphyllla	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	acid ground
Calliergonella cuspidata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Calypogeia arguta	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Calypogeia azurea	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	acid ground
Calypogeia muelleriana	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Campylium stellatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Cephalozia bicuspidata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock, ground acid, rotten wood

Ceratodon purpureus	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Cirriphyllum piliferum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Climacium dendroides	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Conocephalum conicum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	stonewall
Ctenidium molluscum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock (lime?)
Dichodontium palustre	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Dicranodontium denudatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Dicranoweisia crispula	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Dicranum montanum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bark
Dicranum scoparium	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Diphyscium foliosum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	acid ground
Diplophyllum albicans	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood, ground
Diplophyllum taxifolium	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Frullania dilatata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Grimmia caespitica	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Grimmia elatior	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Grimmia laevigata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Grimmia torquata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Grimmia unicolor	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Hedwigia ciliata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Herzogiella seligeri	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Heterocladium dimorphum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	acid ground
Homalothecium sericeum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Hylocomium splendens	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock, ground
Hypnum cupressiforme	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Isothecium alopecuroides	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Jungermannia exsertifolia ssp. *cordifolia*	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	wet ground in bog
Jungermannia gracillima	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Lophocolea heterophylla	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock (lime?)
Lophozia incisa	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Mnium spinosum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock shade (lime?)

Odontoschisma elongatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Orthotrichum rupestre	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Palustriella commutata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Paraleucobryum longifolium	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Philonotis fontana	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Plagiochila asplenioides	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland ground
Plagiochila porelloides	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland ground
Plagiomnium affine	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Plagiomnium undulatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Plagiothecium laetum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Pleurozium schreberi	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Pogonatum urnigerum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	stonewall
Pohlia cruda	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock shade
Pohlia elongata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Polytrichastrum alpinum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Polytrichastrum formosum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland
Polytrichum piliferum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Porella platyphyllla	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Pseudoleskeella nervosa	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Pterigynandrum filiforme	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Ptilidium pulcherrimum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bark hardwood, rotten wood
Racomitrium heterostichum agg.	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Radula complanata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock sunny
Rhabdoweisia fugax	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Rhizomnium punctatum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood, bog
Rhytidiadelphus squarrosus	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland
Rhytidiadelphus triquetrus	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	woodland
Rhytidium rugosum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Sanionia uncinata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock, tree
Schistidium trichodon	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock (lime?)
Scorpidium revolvens	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog

Sphagnum capillifolium	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Sphagnum palustre	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Sphagnum squarrosum	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Sphagnum warnstorffii	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	bog
Syntrichia ruralis	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock
Tetraphis pellucida	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock, rotten wood
Tortella tortuosa	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock (lime?) sunny
Tritomaria exsecta	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rotten wood
Tritomaria quinquedentata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	ground
Warnstorfia exannulata	**136**	IT	02.07.15	ca.1,425 – 1,510 m a.s.l.	rock wet

137 Pfelderertal, at Ausserhütt, 32T 0663000 5186000
Pfelderertal at Ausserhütt; *Picea abies* woodland, pasture, river bank, rock, bog; altitudinal range ca. 1,460 – 1,500 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock shade
Anastrophyllum minutum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Andreaea rupestris	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Atrichum undulatum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Barbilophozia lycopodioides	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rotten wood
Bartramia halleriana	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Blindia acuta	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock wet ground
Calypogeia muelleriana	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Cephalozia bicuspidata	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground acid
Chiloscyphus pallescens	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Cirriphyllum piliferum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Dichodontium palustre	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	bog
Dicranella subulata	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Dicranodontium denudatum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground

Dicranoweisia crispula	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Dicranum montanum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	bark
Dicranum scoparium	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Diplophyllum taxifolium	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock, ground
Ditrichum cylindricum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Grimmia torquata	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Hedwigia ciliata	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Heterocladium dimorphum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Hylocomium splendens	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock, ground
Hypnum cupressiforme	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Isothecium alopecuroides	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Lophozia excisa	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Odontoschisma elongatum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Paraleucobryum longifolium	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Plagiochila asplenioides	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland ground
Plagiochila porelloides	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland ground
Plagiothecium curvifolium/laetum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock shade
Pleurozium schreberi	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Pogonatum aloides	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	roadbank
Pogonatum urnigerum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	roadbank
Pohlia cruda	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock shade
Polytrichastrum alpinum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Pseudoleskeella nervosa	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Pterigynandrum filiforme	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Ptilidium pulcherrimum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rotten wood
Ptilium crista–castrensis	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground woodland
Racomitrium heterostichum agg.	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground
Rhytidiadelphus squarrosus	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground woodland
Rhytidiadelphus subpinnnatus	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground woodland
Rhytidiadelphus triquetrus	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland
Sanionia uncinata	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock, ground

Sphagnum quinquefarium	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland
Sphagnum squarrosum	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland
Sphagnum teres	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	woodland
Syntrichia ruralis	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock
Tetraphis pellucida	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	rock, rotten wood
Tritomaria exsecta	**137**	IT	02.07.15	ca.1,460 – 1,500 m a.s.l.	ground

138 Pfelderertal, Bruggstein, 32T 0663000 5187000
Pfelderertal at Bruggstein, Pill village; *Picea abies* woodland, pasture, river bank, rock, dry stone wall; altitudinal range ca.1,380 – 1,430 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile, rock
Amblystegium serpens	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile shade
Amphidium mougeotii	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Barbilophozia floerkei	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Blindia acuta	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock, wet ground, waterfall
Brachythecium rivulare	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rivulet
Brachythecium salebrosum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Bryum alpinum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Bryum argenteum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Bryum moravicum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Bryum pallens	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Bryum pseudotriquetrum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Ceratodon purpureus	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Climacium dendroides	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Conocephalum conicum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground
Coscinodon cribrosus	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Cratoneuron filicinum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Dichodontium palustre	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall

Distichium capillaceum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Fissidens dubius	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Grimmia donniana	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Grimmia laevigata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Grimmia reflexidens	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Grimmia trichophylla	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Hedwigia ciliata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile, rock
Homalothecium sericeum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Hymenostylium recurvirostre	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Hypnum cupressiforme	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Leucodon sciuroides	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Orthotrichum anomalum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Orthotrichum rupestre	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Palustriella commutata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Pellia neesiana	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Philonotis calcarea	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Philonotis fontana	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Plagiomnium cuspidatum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Plagiomnium ellipticum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Pohlia cruda	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile shade
Pohlia elongata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile, rock
Pohlia nutans	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Polytrichum piliferum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Porella platyphylla	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Preissia quadrata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall
Pseudoleskeella nervosa	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Pterigynandrum filiforme	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Racomitrium elongatum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Radula complanata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Rhabdoweisia fugax	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Rhytidium rugosum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock

Schistidium confertum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Schistidium flaccidum	**138**	IT	03.07.15	ca.1,430 m a.s.l.	rock near waterfall
Schistidium papillosum	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Syntrichia ruralis	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock, stone pile
Tortella tortuosa	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	rock
Tortula subulata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	stone pile
Warnstorfia exannulata	**138**	IT	03.07.15	ca.1,380 – 1,430 m a.s.l.	wet ground, waterfall

139 Pfelderertal, below Farmazon, 32T 0664000 5187000
Pfelderertal below Farmazon, at Platt; woodland, pasture, rock; altitudinal range ca. 1,310 – 1,350 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amphidium mougeotii	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Antitrichia curtipendula	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Atrichum undulatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Bartramia halleriana	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Brachythecium glareosum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Bryoerythrophyllum recurvirostrum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Calliergonella cuspidata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground, wet place
Calypogeia fissa	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Cephaloziella divaricata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Cirriphyllum piliferum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Conocephalum conicum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Cratoneuron filicinum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock wet
Cynodontium polycarpon	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Dichodontium palustre	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	wet place
Dicranella subulata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Dicranodontium denudatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Dicranum montanum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	bark

Dicranum scoparium	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground, rock
Diplophyllum albicans	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Diplophyllum taxifolium	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Encalypta streptocarpa	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Eurhynchiastrum pulchellum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Frullania dilatata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Frullania fragilifolia	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Hylocomium splendens	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Hypnum cupressiforme	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground, rock
Isothecium alopecuroides	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock, bark
Marchantia polymorpha	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Neckera complanata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Paraleucobryum longifolium	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Pellia epiphylla	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Philonotis fontana	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	wet place
Philonotis seriata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	wet place
Plagiochila asplenioides	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Plagiochila porelloides	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Plagiomnium elatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	wet place
Plagiomnium undulatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Plagiothecium laetum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Plagiothecium undulatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Pleurozium schreberi	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Pogonatum aloides	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	road bank
Pogonatum urnigerum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Pohlia cruda	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Pohlia nutans	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Polytrichastrum alpinum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Polytrichastrum formosum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Pterigynandrum filiforme	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Ptilium crista-castrensis	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground

Rhizomnium punctatum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	wet place
Rhytidiadelphus squarrosus	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Rhytidiadelphus subpinnatus	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Rhytidiadelphus triquetrus	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Sanionia uncinata	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground
Scapania nemorea	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Schistidium papillosum	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rock
Sphagnum quinquefarium	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	ground, rock
Tetraphis pellucida	**139**	IT	07.08.16	ca. 1,310 – 1,350 m a.s.l.	rotten wood, rock

140 Pfelderertal, above Weiherhof, 32T 0664000 5188000
Pfelderertal above Weiherhof, near Pill village; woodland, pasture, meadow, river bank, dry stone pile, rock; altitudinal range ca. 1,260 – 1,310 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock, stone pile
Amblystegium serpens	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground, rotten wood
Amphidium mougeotii	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Antitrichia curtipendula	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Atrichum undulatum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Aulacomnium palustre	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	wet place
Blindia acuta	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock wet
Brachytheciastrum velutinum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Brachythecium glareosum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Brachythecium rutabulum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Brachythecium salebrosum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Bryum alpinum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock wet
Bryum moravicum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Bryum pallens	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock wet
Calliergonella cuspidata	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	wet place

Climacium dendroides	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	meadow
Dicranum scoparium	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Encalypta ciliata	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Entodon concinnus	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock, stone pile
Grimmia decipiens	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Grimmia elatior	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Grimmia trichophylla	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Grimmia unicolor	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Hedwigia ciliata	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Homalothecium sericeum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Hypnum callichroum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	wet place
Hypnum cupressiforme	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground, rock
Hypnum revolutum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Isothecium alopecuroides	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock, bark
Leucodon sciuroides	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock, bark
Orthotrichum affine	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Orthotrichum rupestre	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Philonotis fontana	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock wet
Plagiomnium affine	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground, meadow
Plagiomnium cuspidatum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	meadow, rock shady
Plagiothecium denticulatum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Pogonatum urnigerum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground shady
Pohlia cruda	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Polytrichastrum alpinum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Polytrichum piliferum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Porella platyphylla	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock, bark
Pseudolekeella nervosa	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Racomitrium wet groundticum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Radula complanata	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	bark, rock
Rhabdoweisia fugax	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Rhytidiadelphus squarrosus	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	meadow

Rhytidium rugosum	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Sciuro-hypnum glaciale	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Syntrichia ruralis	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	rock
Thuidium assimile	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground
Tortula subulata	**140**	IT	07.08.16	ca. 1,260 – 1,310 m a.s.l.	ground

141 Pfelderertal, at Moos im Passeier, 32T 0665000 5188000
Pfelderertal at Moos im Passeier, Stieber wet ground, waterfall trail; woodland, pasture, river bank, rock; altitudinal range ca. 980 – 1,026 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Amblystegium serpens	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground, rotten wood
Anomodon attenuatus	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Atrichum undulatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Barbilophozia lycopodioides	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Bartramia halleriana	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Bartramia ithiphylla	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Blindia acuta	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	river bank
Brachytheciastrum velutinum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Brachythecium glareosum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Brachythecium rivulare	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	river bank
Brachythecium rutabulum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Brachythecium salebrosum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Bryum argenteum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock, ground
Bryum moravicum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Bryum pseudotriquetrum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	river bank
Calliergonella cuspidata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bogy place
Campylium stellatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Campylopus subulatus	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Cirriphyllum piliferum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground shady

Conocephalum conicum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground shady
Ctenidium molluscum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Dichodontium palustre	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bogy place
Dichodontium pellucidum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	wet rock
Dicranum polysetum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Eucladium verticillatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	wet rock
Fissidens dubius	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground, rock
Fissidens viridulus	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Frullania dilatata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock, bark
Frullania tamarisci	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Gymnostomum calcareum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Homalothecium sericeum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Hylocomium splendens	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Hypnum cupressiforme	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground, bark
Isothecium alopecuroides	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground, rock
Lejeunea cavifolia	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock, bark
Lepidozia reptans	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock, rotten wood
Lophocolea bidentata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Lophocolea heterophylla	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bark
Metzgeria furcata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bark, rock
Mnium hornum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Neckera besseri	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Neckera crispa	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bark, rock
Oxyrrhynchium hians	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Palustriella commutata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bogy place, spring
Pellia endiviaefolia	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	track bank
Philonotis seriata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	bogy place, spring
Plagiochila asplenioides	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Plagiochila porelloides	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Plagiomnium affine	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Plagiomnium cuspidatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground

Plagiomnium undulatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Plagiothecium denticulatum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Pogonatum aloides	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	track bank
Pogonatum urnigerum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	track bank
Pohlia cruda	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Pohlia elongata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	track bank
Pohlia nutans	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Polytrichum juniperinum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Porella platyphylla	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Preissia quadrata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Pseudolekeella nervosa	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Racomitrium aciculare	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Racomitrium affine	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Radula complanata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Rhytidiadelphus squarrosus	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Rhytidiadelphus triquetrus	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Saelania glaucescens	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Scapania nemorea	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Schistidium apocarpum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Schistidium crassipilum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	wall
Schistidium elegantulum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	wall, rock
Syntrichia ruralis	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock
Thuidium tamariscinum	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	ground
Tortella tortuosa	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	rock, ground
Tortula subulata	**141**	IT	07.08.16	ca. 980 – 1,026 m a.s.l.	track bank

142 Schlanders E, 32T 0637000 5165000
Schlanders village, east slopes; dry woodland, pasture, steppe heath, rock; altitudinal range ca. 850 – 900 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Amblystegium serpens	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Amblystegium subtile	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	bark
Barbula convoluta	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Brachythecium salebrosum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Bryum moravicum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Ceratodon purpureus	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Dicranum scoparium	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Encalypta ciliata	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Eurhynchiastrum pulchellum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Frullania dilatata	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Grimmia funalis	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Grimmia laevigata	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Grimmia pulvinata	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Hedwigia ciliata	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Homalothecium sericeum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Hylocomium splendens	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Hypnum cupressiforme	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Polytrichastrum alpinum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Polytrichum piliferum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Porella platyphylla	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Rhytidium rugosum	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Syntrichia ruralis	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground
Weissia controversa	**142**	IT	02.06.05	ca. 850 – 900 m a.s.l.	ground

143 Schlanders E, 32T 0636000 5165000
Schlanders village east, entrance to gorge of Schlandrauntal; dry woodland, pasture, steppe heath, river bank, rock; altitudinal range ca.750 – 850 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Amblystegium serpens	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Amblystegium subtile	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Anomobryum julaceum	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	wet rock
Brachytheciastrum velutinum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Brachythecium glareosum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Brachythecium salebrosum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Bryoerythrophyllum recurvirostrum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Bryum argenteum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Bryum moravicum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Ceratodon purpureus	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground, roof
Conocephalum conicum	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	rock, shady
Cratoneuron filicinum	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	river bank
Crossidium squamiferum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground, dry
Didymodon ferrugineus	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Entodon concinnus	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	ground, dry
Eucladium verticillatum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	spring, well, tuffa
Frullania dilatata	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Grimmia laevigata	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Grimmia tergestina	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	rock
Grimmia tergestina	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	rock
Hedwigia ciliata	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Homalothecium sericeum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Hymenostylium recurvirostre	**143**	IT	02.06.05	ca. 850 m a.s.l.	tuffa, moist shady rock
Hypnum cupressiforme	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground, roof
Hypnum revolutum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Leucodon sciuroides	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock

Mnium lycopodioides	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Orthotrichum anomalum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Orthotrichum diaphanum	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	bark
Orthotrichum obtusifolium	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	bark
Orthotrichum rupestre	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Oxyrrhynchium hians	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	spring, well, tuffa
Palustriella commutata	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	spring, well, tuffa
Pellia endiviaefolia	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	spring, well, tuffa
Plagiomnium cuspidatum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Pogonatum urnigerum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Pohlia cruda	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	spring, well, tuffa
Polytrichastrum alpinum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Polytrichum juniperinum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Polytrichum piliferum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Porella platyphylla	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Pylaisia polyantha	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	twig, ground, roof
Rhytidiadelphus triquetrus	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	ground
Rhytidium rugosum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Sanionia uncinata	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	ground
Schistidium crassipilum	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Schistidium papillosum	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	rock
Syntrichia norvegica	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	roof
Syntrichia ruralis	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground
Tortella tortuosa	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	rock
Tortula muralis	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	wall
Tortula obtusifolia	**143**	IT	02.06.05	ca. 750 – 850 m a.s.l.	ground, dry
Tortula subulata	**143**	IT	09.08.16	ca. 700 – 850 m a.s.l.	ground

144 Tappein Hof, 32T 0637000 5166000
Above Schlanders village at Tappein Hof (1,397 m), above gorge of Schlandrauntal; dry woodland, pasture, steppe heath, rock; altitudinal range 1,397 – 1,450 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Amblystegium serpens	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Brachythecium salebrosum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground, dry slope
Bryum argenteum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Encalypta ciliata	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Frullania dilatata	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Grimmia laevigata	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Grimmia longirostris	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Hedwigia ciliata	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Homalothecium sericeum	**144**	IT	02.06.05	ca. 850 – 900 m a.s.l.	rock
Hylocomium splendens	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Hypnum cupressiforme	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Leucodon sciuroides	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rotten wood
Orthotrichum affine	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	bark
Orthotrichum anomalum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Orthotrichum rupestre	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	rock
Plagiomnium cuspidatum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Polytrichum juniperinum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Pylaisia polyantha	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	twig
Rhytidium rugosum	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Syntrichia ruralis	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground
Tortula obtusifolia	**144**	IT	02.06.05	1,397 – 1,450 m a.s.l.	ground, dry slope

145 Schlandrauntal, 32T 0636000 5166000
Schlanders entrance to Schlandrauntal, mountain slopes; dry woodland, pasture, steppe heath, river bank, rock; altitudinal range ca. 780 – 940 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Amblystegium serpens	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Amblystegium subtile	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Anomodon viticulosus	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Atrichum undulatum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Bryum argenteum	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	rock
Bryum moravicum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Conocephalum conicum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Distichium capillaceum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Encalypta streptocarpa	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Encalypta vulgaris	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Entodon concinnus	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Frullania dilatata	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	rock
Grimmia elatior	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Hedwigia ciliata	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Homalothecium sericeum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Hylocomium splendens	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Hypnum cupressiforme	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Leucodon sciuroides	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	rock
Marchantia polymorpha	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Mnium marginatum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Orthotrichum rupestre	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	rock
Plagiomnium cuspidatum	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	ground
Plagiomnium undulatum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Pogonatum urnigerum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Pohlia cruda	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Rhizomnium punctatum	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	river bank

Rhytidiadelphus triquetrus	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Rhytidium rugosum	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Saelania glaucescens	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Sanionia uncinata	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	ground
Syntrichia ruralis	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground
Tortella tortuosa	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	rock
Tortula subulata	**145**	IT	09.08.16	ca. 780 – 850 m a.s.l.	rock
Weissia condensa	**145**	IT	27.04.02	ca. 805 – 940 m a.s.l.	ground

146 Schlandrauntal, 32T 0635000 5166000
Schlanders entrance to Schlandrauntal, dry mountain slopes; dry woodland, pasture, steppe heath, river bank, rock; altitudinal range ca. 780 – 1,220 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Anomodon viticulosus	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Brachythecium glareosum	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Bryum argenteum	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Bryum moravicum	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Ceratodon purpureus	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Frullania dilatata	**146**	IT	31.07.17	780 – 900 m a.s.l.	bark
Grimmia elatior	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Grimmia laevigata	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Grimmia longirostris	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	rock
Hedwigia ciliata	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	rock
Homalothecium sericeum	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	rock
Hylocomium splendens	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Hypnum cupressiforme	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Leucodon sciuroides	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	rock
Orthotrichum anomalum	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock

Orthotrichum obtusifolium	**146**	IT	31.07.17	780 – 900 m a.s.l.	bark
Plagiomnium cuspidatum	**146**	IT	31.07.17	780 – 900 m a.s.l.	ground
Pogonatum urnigerum	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Polytrichum piliferum	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Porella platyphylla	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock, bark
Pseudoleskeella nervosa	**146**	IT	31.07.17	780 – 900 m a.s.l.	bark
Pylaisia polyantha	**146**	IT	31.07.17	780 – 900 m a.s.l.	bark
Radula complanata	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Rhytidium rugosum	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Schistidium papillosum	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Syntrichia papillosa	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock, bark
Syntrichia pulvinata	**146**	IT	31.07.17	780 – 900 m a.s.l.	bark
Syntrichia ruralis	**146**	IT	27.04.02	ca. 860 – 1,220 m a.s.l.	ground
Tortula atrovirens	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock
Tortula muralis	**146**	IT	31.07.17	780 – 900 m a.s.l.	rock

147 Towards Tappein Alm, 32T 0636000 5167000
Schlanders towards Tappein Alm, dry mountain slopes; dry woodland, pasture, steppe heath, rock; altitudinal range ca. 1,500 – 1,800 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Amblystegium serpens	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Brachytheciastrum velutinum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Brachythecium salebrosum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Bryum argenteum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Bryum moravicum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Dicranum montanum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	bark conifer
Entodon concinnus	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Eurhynchiastrum pulchellum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground

Fabronia ciliaris	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Frullania dilatata	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock, bark, rotten wood
Grimmia elatior	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Grimmia laevigata	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Hedwigia ciliata	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Homalothecium sericeum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Hylocomium splendens	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Hypnum cupressiforme	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Leucodon sciuroides	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Orthotrichum anomalum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Orthotrichum lyelii	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rotten wood
Orthotrichum striatum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Plagiomnium cuspidatum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Pohlia cruda	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Polytrichum juniperinum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Pseudoleskeella nervosa	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Pterigynandrum filiforme	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock, rotten wood
Pylaisia polyantha	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	twig, rotten wood
Rhytidium rugosum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Sanionia uncinata	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Schistidium papillosum	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Syntrichia papillosa	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	rock
Syntrichia ruralis	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Tortula subulata	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground
Weissia controversa	**147**	IT	02.06.05	ca. 1,500 – 1,800 m a.s.l.	ground

148 Schlandrauntal, Talatsch, 32T 0635000 5167000
Schlanders, Talatsch towards Schlandrauntal, dry mountain slopes; dry woodland, pasture, steppe heath, rock; altitudinal range 1,400 – 1,454 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Amblystegium serpens	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Atrichum undulatum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Bartramia halleriana	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Brachytheciastrum velutinum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Bryum moravicum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Dicranoweisia crispula	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Entodon concinnus	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Frullania dilatata	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Grimmia elatior	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Homalothecium sericeum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Hylocomium splendens	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Hypnum cupressiforme	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Leucodon sciuroides	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Lophocolea minor	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Plagiomnium cuspidatum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Plagiomnium undulatum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Pogonatum urnigerum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Pohlia cruda	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Polytrichum piliferum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Porella platyphylla	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock
Rhytidiadelphus triquetrus	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Rhytidium rugosum	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Syntrichia ruralis	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Thuidium assimile	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	ground
Tortella tortuosa	**148**	IT	26.04.02	1,400 – 1,454 m a.s.l.	rock

149 Schlandrauntal, 32T 0635000 5168000
Schlanders, lower Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,400 – 1,483 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Amblystegium serpens	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Andreaea rupestris	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Anomobryum julaceum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	spring, river
Antitrichia curtipendula	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Apometzgeria pubescens	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Atrichum undulatum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Barbilophozia barbata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Bartramia halleriana	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Bartramia ithiphylla	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Brachythecium rutabulum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Bryum argenteum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Bryum moravicum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Bryum pallens	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Bryum torquescens	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Climacium dendroides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Conocephalum conicum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Cratoneuron filicinum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	spring, river
Dicranoweisia crispula	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Dicranum scoparium	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Didymodon rigidulus	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Distichium capillaceum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Ditrichum flexicaule	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Encalypta ciliata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Encalypta rhaptocarpa	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Encalypta streptocarpa	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Eurhynchiastrum pulchellum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock

Grimmia elatior	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Hedwigia ciliata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Homalothecium sericeum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Hylocomium splendens	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Hypnum cupressiforme	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Isothecium alopecuroides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Leucodon sciuroides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Mnium lycopodioides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Mnium marginatum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Mnium thomsonii	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Neckera complanata	**149**	IT	26.04.02	1,353 m a.s.l.	rock
Oligotrichum hercynicum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	roadbank
Palustriella commutata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	spring, river
Plagiochila porelloides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Plagiomnium cuspidatum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Plagiomnium undulatum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Plagiopus oederianus	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Platyhypnidium riparioides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	stream
Pleurozium schreberi	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Pogonatum aloides	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Pogonatum urnigerum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Pohlia cruda	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Pohlia elongata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Pohlia nutans	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Polytrichastrum alpinum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Polytrichum piliferum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Porella cordeana	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Pterigynandrum filiforme	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Rhynchostegium murale	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Rhytidium rugosum	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Sanionia uncinata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground

Syntrichia ruralis	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Tetraphis pellucida	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rotten wood
Tortella tortuosa	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	rock
Tortula subulata	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground
Weissia controversa	**149**	IT	26.04.02	1,353 – 1,483 m a.s.l.	ground

150 Schlandrauntal, 32T 0635000 5169000
Schlanders, lower Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,483 – 1,740 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Barbilophozia barbata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Bartramia halleriana	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Bartramia ithiphylla	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Brachytheciastrum velutinum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Bryum moravicum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Climacium dendroides	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	wet ground
Dicranella crispa	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Dicranoweisia crispula	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Dicranum scoparium	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Encalypta ciliata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Eurhynchiastrum pulchellum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Grimmia longirostris	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Hedwigia ciliata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Hylocomium splendens	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Hypnum cupressiforme	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Lejeunea cavifolia	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	bark
Philonotis fontana	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	wet ground
Plagiomnium affine	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground

Pleurozium schreberi	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Pogonatum urnigerum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Pohlia cruda	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Pohlia elongata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Polytrichastrum alpinum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Polytrichum juniperinum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	root
Polytrichum piliferum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Pterigynandrum filiforme	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Radula complanata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock, bark
Rhytidiadelphus triquetrus	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Rhytidium rugosum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Sanionia uncinata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Sphagnum platyphyllum	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	wet ground
Syntrichia ruralis	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Tetraphis pellucida	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rotten wood
Tortella tortuosa	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	rock
Tritomaria exsectiformis	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	ground
Warnstorfia exannulata	**150**	IT	26.04.02	1,483 – 1,740 m a.s.l.	wet ground

151 Schlandrauntal, 32T 0635000 5170000
Schlanders, lower Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,740 – 1,823 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Atrichum undulatum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Aulacomnium palustre	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground
Bartramia halleriana	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Bartramia ithiphylla	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Bryum moravicum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Ceratodon purpureus	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Climacium dendroides	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground
Cynodontium polycarpon	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Dicranella crispa	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Dicranoweisia crispula	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Dicranum scoparium	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Encalypta affinis	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Eurhynchiastrum pulchellum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Grimmia incurva	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Hylocomium splendens	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Hypnum cupressiforme	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Pleurozium schreberi	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Pogonatum urnigerum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Pohlia cruda	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Polytrichum juniperinum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Polytrichum piliferum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Polytrichum strictum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	bog
Pterigynandrum filiforme	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Racomitrium elongatum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Rhytidiadelphus triquetrus	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Rhytidium rugosum	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground

Sanionia uncinata	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Sphagnum capillifolium	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground
Sphagnum teres	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground
Sphagnum warnstorfii	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground
Syntrichia norvegica	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Syntrichia ruralis	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Thuidium assimile	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	ground
Tortella tortuosa	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	rock
Warnstorfia exannulata	**151**	IT	26.04.02	1,740 – 1,823 m a.s.l.	wet ground

152 Schlandrauntal, 32T 0635000 5171000
Schlanders, lower Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,823 – 1,900 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Atrichum undulatum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Aulacomnium palustre	**152**	IT	15.06.02	1,823 – 1,900 m a.s.l.	rock
Bartramia ithiphylla	**152**	IT	15.06.02	1,823 – 1,900 m a.s.l.	rock
Bryum moravicum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Ceratodon purpureus	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Climacium dendroides	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	wet ground
Dicranoweisia crispula	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	rock
Dicranum scoparium	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Funaria hygrometrica	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Grimmia longirostris	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	rock
Hylocomium splendens	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Hypnum cupressiforme	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Lescuraea saxicola	**152**	IT	15.06.02	1,823 – 1,900 m a.s.l.	rock
Marchantia polymorpha	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground

Mnium spinosum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Plagiothecium laetum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Pleurozium schreberi	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Pogonatum urnigerum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Pohlia cruda	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Pohlia elongata	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Polytrichastrum alpinum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Polytrichum piliferum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Pterigynandrum filiforme	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	rock
Racomitrium elongatum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Rhytidium rugosum	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Sanionia uncinata	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Sphagnum girgensohnii	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	wet ground
Syntrichia ruralis	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	ground
Tortella tortuosa	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	rock
Warnstorfia exannulata	**152**	IT	26.04.02	1,823 – 1,900 m a.s.l.	wet ground

153 Schlandrauntal, 32T 0635000 5172000
Schlanders, lower Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,900 – 1,980 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Aulacomnium palustre	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	wet ground
Bartramia ithiphylla	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	rock
Climacium dendroides	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	bog
Dicranum scoparium	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Grimmia incurva	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	rock
Hylocomium splendens	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Oligotrichum hercynicum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground

Pleurozium schreberi	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Pogonatum urnigerum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Polytrichastrum alpinum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Polytrichum juniperinum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Polytrichum piliferum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Polytrichum strictum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	bog
Pterigynandrum filiforme	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	rock
Racomitrium elongatum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Rhytidium rugosum	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Sphagnum capillifolium	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	wet ground
Sphagnum russowii	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	wet ground
Syntrichia ruralis	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	ground
Tortella tortuosa	**153**	IT	15.06.02	1,900 – 1,980 m a.s.l.	rock

154 Schlandrauntal, 32T 0635000 5173000
Schlanders, upper Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 1,980 – 2,220 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Aulacomnium palustre	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Bartramia halleriana	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	rock
Bartramia ithiphylla	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	rock
Bryum pseudotriquetrum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Climacium dendroides	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Dicranoweisia crispula	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	rock
Dicranum muehlenbeckii	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Dicranum scoparium	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Grimmia longirostris	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	rock
Hylocomium splendens	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground

Hypnum cupressiforme	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Mnium thomsonii	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Philonotis fontana	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Pleurozium schreberi	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Pogonatum aloides	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Pogonatum urnigerum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Pohlia elongata	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Polytrichastrum alpinum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Polytrichum piliferum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Pterigynandrum filiforme	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	rock
Ptilidium ciliare	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Racomitrium elongatum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Rhytidiadelphus triquetrus	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Rhytidium rugosum	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Sanionia uncinata	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Scorpidium revolvens	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Sphagnum capillifolium	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Sphagnum russowii	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Syntrichia ruralis	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	ground
Warnstorfia exannulata	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground
Warnstorfia fluitans	**154**	IT	15.06.02	1,980 – 2,220 m a.s.l.	wet ground

155 Schlandrauntal, 32T 0635000 5174000
Schlanders, upper Schlandrauntal; woodland, pasture, meadow, rock; altitudinal range 2,220 – 2,400 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Dicranum scoparium	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Encalypta rhaptocarpa	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	rock
Grimmia longirostris	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	rock
Hylocomium splendens	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Pleurozium schreberi	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Pogonatum urnigerum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Pohlia elongata	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Polytrichastrum alpinum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Polytrichum piliferum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Pterigynandrum filiforme	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	rock
Ptilidium ciliare	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Racomitrium elongatum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Racomitrium lanuginosum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	rock
Rhytidium rugosum	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground
Syntrichia ruralis	**155**	IT	15.06.02	2,220 – 2,400 m a.s.l.	ground

156 Schlandrauntal, 32T 0636000 5175000
Schlanders, upper Schlandrauntal, Taschljöchl; woodland, pasture, meadow, rock; altitudinal range 2,520 – 2,794 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Grimmia incurva	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	rock
Lophozia sudetica	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground
Paraleucobryum enerve	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground
Pogonatum urnigerum	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground
Polytrichum piliferum	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground
Racomitrium elongatum	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground
Sanionia uncinata	**156**	IT	13.06.02	2,520 – 2,794 m a.s.l.	ground

157 Rofental, 32T 0644000 51,90000
Rofen towards Rofenbergalm; woodland, alpine pasture, meadow, rock; altitudinal range 1,970 – 2,030 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anastrophyllum minutum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Andreaea rupestris	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Aneura pinguis	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Anthelia juratzkana	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Atrichum undulatum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Aulacomnium palustre	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	bogy place
Bartramia ithiphylla	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Blepharostoma trichophyllum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Blindia acuta	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Brachytheciastrum velutinum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Brachythecium rivulare	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Bryum argenteum	**157**	AT	03.08.17	1,970 – 2,030 m a.s.l.	rock
Bryum pseudotriquetrum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland

Campylium stellatum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	bogy place
Ceratodon purpureus	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Climacium dendroides	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Coscinodon c	**157**	AT	03.08.17	1,970 – 2,030 m a.s.l.	rock
Dichodontium palustre	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Dicranodontium denudatum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Dicranoweisia crispula	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Dicranum scoparium	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Diplophyllum taxifolium	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Grimmia longirostris	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Gymnomitrion concinnatum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Hylocomiastrum pyrenaicum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Hylocomium splendens	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Hypnum callichroum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Lescuraea saxicola	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	rock
Lophozia sudetica	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Meesia uliginosa	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Nardia scalaris	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Oligotrichum hercynicum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Oncophorus virens	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Paludella squarrosa	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Palustriella commutata	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Palustriella decipiens	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Philonotis fontana	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Philonotis seriata	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Plagiothecium laetum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Pleurozium schreberi	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Pogonatum urnigerum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Pohlia cruda	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Pohlia drummondii	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Pohlia elongata	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground

Pohlia nutans	**157**	AT	03.08.17	1,970 – 2,030 m a.s.l.	ground
Polytrichastrum alpinum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Polytrichum piliferum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Polytrichum strictum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Pterigynandrum filiforme	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Racomitrium affine	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Racomitrium elongatum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Racomitrium ericoides	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Racomitrium fasciculare	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Racomitrium lanuginosum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Rhizomnium pseudopunctatum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Rhytidiadelphus triquetrus	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Sanionia uncinata	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	ground
Scapania nemorea	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Scapania undulata	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Scorpidium revolvens	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum capillifolium	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum compactum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum flexuosum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum fuscum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum platyphyllum	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Sphagnum teres	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland
Straminergon stramineum	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	wetland
Syntrichia ruralis	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	rock
Tortella tortuosa	**157**	AT	03.08.17	1,970 – 2,030 m a.s.l.	rock
Tritomaria quiquedentata	**157**	AT	07.08.03	1,970 – 2,030 m a.s.l.	ground
Warnstorfia exannulata	**157**	AT	15.06.03	1,970 – 2,030 m a.s.l.	wetland

158 Rofental, 32T 0643000 5190000
Rofen towards Rofenbergalm; woodland, alpine pasture, meadow, wetland, rock; altitudinal range 2,030 – 2,100 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Amphidium mougeottii	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock
Atrichum undulatum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	on a rock
Aulacomnium palustre	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Barbilophozia lycopodioides	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Bartramia ithiphylla	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Blindia acuta	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	river
Brachythecium rivulare	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	river
Brachythecium rutabulum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Bryum alpinum	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock
Bryum argenteum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Bryum capillare	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Bryum pseudotriquetrum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	bog
Campylium stellatum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	bogy place
Ceratodon purpureus	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Chiloscyphus polyanthos	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Climacium dendroides	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	bogy place
Dichodontium palustre	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	spring
Dicranum bonjeanii	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Dicranum scoparium	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Distichium capillaceum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Encalypta ciliata	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	road bank
Encalypta rhaptocarpa	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Encalypta vulgaris	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Eurhynchiastrum pulchellum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Eurhynchium striatum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Grimmia elatior	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock

Grimmia longirostris	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock
Grimmia unicolor	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Hedwigia ciliata	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Hylocomium splendens	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Hypnum revolutum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Isopterygiopsis muelleriana	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	ground
Lescuraea saxicola	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Mnium lycopodioides	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Palustriella commutata	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	spring
Philonotis fontana	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	spring
Philonotis seriata	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	wetland
Plagiomnium cuspidatum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Plagiothecium cavifolium	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Pleurozium schreberi	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	on a rock
Pogonatum urnigerum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Pohlia cruda	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Polytrichum juniperinum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Polytrichum piliferum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Pterigynandrum filiforme	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Racomitrium affine	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock
Racomitrium elongatum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Rhytidiadelphus triquetrus	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Rhytidium rugosum	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	rock
Sanionia uncinata	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Schistidium elegantulum	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock
Scorpidium revolvens	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Sphagnum capillifolium	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Sphagnum fuscum	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Sphagnum warnstorfii	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog
Syntrichia ruralis	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	ground
Tomentypnum nitens	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	bog

Tortella tortuosa	**158**	AT	14.06.03	2,030 – 2,100 m a.s.l.	on a bank
Warnstorfia exannulata	**158**	AT	03.08.17	2,030 – 2,100 m a.s.l.	rock

159 Rofental, 32T 0642,000 51,90000
Rofen towards Rofenbergalm, around Plattenbach; woodland, alpine pasture, meadow, river bank, wetland, rock; altitudinal range 2,100 – 2,200 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Aloina rigida	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	gravel
Amphidium mougeottii	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Anastrophyllum minutum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Andreaea rupestris	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Atrichum undulatum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Aulacomnium palustre	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	wetland
Bartramia ithiphylla	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Blindia acuta	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river, rock
Bryoerythrophyllum recurvirostre	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Bryum alpinum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Bryum argenteum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Bryum capillare	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Bryum pseudotriquetrum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	spring
Calypogeia azurea	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Ceratodon purpureus	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Coscinodon cribrosus	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	gravel on rock
Cynodontium polycarpon	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Cynodontium strumiferum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Dichodontium palustre	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river
Dicranoweisia crispula	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Dicranum bonjeanii	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock

Dicranum elongatum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Dicranum polysetum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Dicranum scoparium	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Diplophyllum taxifolium	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Encalypta rhaptocarpa	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Encalypta vulgaris	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Eurhynchiastrum pulchellum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Grimmia incurva	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Grimmia longirostris	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Gymnocolea inflata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock wet
Gymnomitrion concinnatum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Hygrohypnum duriusculum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river
Hylocomium splendens	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Hypnum cupressiforme	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	boulder
Isopterygiopsis muelleriana	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	gound
Lescuraea saxicola	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Marsupella emarginata ssp. *wet groundtica*	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock wet
Oligotrichum hercynicum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Palustriella commutata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river
Philonotis fontana	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	spring
Philonotis seriata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	wetland
Pleurozium schreberi	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Pogonatum urnigerum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Pohlia elongata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Pohlia nutans	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Polytrichastrum alpinum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Polytrichum juniperinum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Polytrichum piliferum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Pterigynandrum filiforme	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Ptilidium ciliare	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Racomitrium aciculare	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock wet

Racomitrium affine	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Racomitrium elongatum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Racomitrium ericoides	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Racomitrium fasciculare	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Rhytidium rugosum	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	rock
Sanionia uncinata	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	ground
Scapania uliginosa	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river
Schistidium papillosum	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Sphagnum capillifolium	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	wetland
Sphagnum girgensohnii	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	wetland
Syntrichia ruralis	**159**	AT	14.06.03	2,100 – 2,130 m a.s.l.	on a rock
Tortella tortuosa	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	rock
Tritomaria quinquedentata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	ground
Warnstorfia exannulata	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	river
Warnstorfia sarmentosa	**159**	AT	03.08.17	2,100 – 2,200 m a.s.l.	wetland

160 Rofental, 32T 0642000 5189000
Rofen towards Rofenbergalm; woodland, alpine pasture, meadow, river bank, rock; altitudinal range 2,130 – 2,160 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Amphidium mougeotii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Andreaea rothii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Andreaea rupestris	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Aneura pinguis	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Aulacomnium palustre	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	bogy place
Bartramia halleriana	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Bartramia ithiphylla	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Blindia acuta	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wet rock

Bryum pseudotriquetrum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Campylium stellatum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	bogy place
Ceratodon purpureus	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Climacium dendroides	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Cynodontium polycarpon	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Dichodontium palustre	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Dicranoweisia crispula	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Dicranum bonjeanii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Dicranum polysetum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Dicranum scoparium	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Diphyscium foliosum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	track bank
Diplophyllum obtusifolium	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Diplophyllum taxifolium	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Distichium capillaceum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Encalypta rhaptocarpa	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Eurhynchiastrum pulchellum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Grimmia funalis	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Gymnocolea inflata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Gymnomitrion concinnatum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Hedwigia ciliata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Hylocomium splendens	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Hypnum cupressiforme	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Lescuraea saxicola	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Lophozia sudetica	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Marsupella brevissima	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Marsupella emarginata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Mielichhoferia elongata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Nardia scalaris	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Oligotrichum hercynicum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Oncophorus virens	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Palustriella commutata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland

Philonotis fontana	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Philonotis seriata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Plagiothecium denticulatum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Pleurozium schreberi	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Pohlia cruda	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Polytrichum piliferum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Pterigynandrum filiforme	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Racomitrium affine	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Racomitrium elongatum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Racomitrium lanuginosum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Racomitrium sudeticum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Rhabdoweisia fugax	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Rhytidium rugosum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Sanionia uncinata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Scapania undulata	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Schistidium apocarpum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Sphagnum capillifolium	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Sphagnum fuscum	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Sphagnum girgensohnii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Sphagnum russowii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Sphagnum teres	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Sphagnum warnstorfii	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland
Syntrichia ruralis	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Tortella fragilis	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Tortella tortuosa	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	rock
Tritomaria exsecta	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	ground
Warnstorfia sarmentosa	**160**	AT	16.06.03	2,130 – 2,160 m a.s.l.	wetland

161 Rofental, 32T 0641000 5188000
Rofen towards Rofenbergalm; woodland, alpine pasture, meadow, river bank, rock; altitudinal range 2,160 – 2,290 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amphidium mougeotii	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Anthelia juratzkana	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	snow patch
Aulacomnium palustre	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Barbilophozia lycopodioides	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Bartramia ithiphylla	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Blindia acuta	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wet rock
Bryum pseudotriquetrum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Climacium dendroides	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Coscinodon cribrosus	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Dichodontium palustre	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Dicranum scoparium	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Distichium capillaceum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Ditrichum heteromallum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Encalypta ciliata	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Eurhynchiastrum pulchellum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Grimmia longirostris	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Hetereocladium dimorphum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Hypnum cupressiforme	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Hypnum revolutum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Hypnum vaucheri	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Mielichhoferia elongata	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Oligotrichum hercynicum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Oncophorus virens	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Philonotis fontana	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Pleurozium schreberi	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Pogonatum urnigerum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Pohlia cruda	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground

Polytrichastrum alpinum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Polytrichum juniperinum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Polytrichum piliferum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Pterigynandrum filiforme	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Racomitrium elongatum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Racomitrium ericoides	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Rhytidium rugosum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Sanionia uncinata	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Scapania uliginosa	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Schistidium papillosum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Sciuro-hypnum glaciale	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	ground
Scorpidium revolvens	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Sphagnum capillifolium	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Sphagnum warnstorfii	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Straminergon stramineum	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Syntrichia ruralis	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Tortella fragilis	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Tortella tortuosa	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Warnstorfia exannulata	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Warnstorfia fluitans	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland
Warnstorfia sarmentosa	**161**	AT	16.06.03	2,160 – 2,290 m a.s.l.	wetland

162 Rofental, 32T 0640000 5187000
Rofen towards Rofenbergalm, Hochjochhospiz; woodland, alpine pasture, meadow, river bank, rock; altitudinal range 2,250 – 2,412 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblyodon dealbatus	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Aulacomnium palustre	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Bartramia ithiphylla	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Blindia acuta	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wet rock
Bryum pseudotriquetrum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Cratoneuron filicinum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Dichodontium palustre	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Dicranum bonjeanii	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Dicranum scoparium	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Distichium capillaceum	**162**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock
Encalypta rhaptocarpa	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Eurhynchiastrum pulchellum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Grimmia longirostris	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Meesia uliginosa	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Mielichhoferia mielichhoferiana	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Mnium thomsonii	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Oligotrichum hercynicum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Palustriella commutata	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Philonotis fontana	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Pogonatum urnigerum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Pohlia elongata	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Pohlia nutans	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Polytrichum juniperinum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Polytrichum piliferum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Preissia quadrata	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Pseudoleskea incurvata	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Pterigynandrum filiforme	**162**	AT	16.06.03	2,160 – 2,290 m a.s.l.	rock

Racomitrium elongatum	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Sanionia uncinata	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground
Scapania uliginosa	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	wetland
Syntrichia ruralis	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Tortella fragilis	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Tortella tortuosa	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	rock
Tortula hoppeana	**162**	AT	16.06.03	2,250 – 2,412 m a.s.l.	ground

163 Breslauer Hütte, 32T 0644000 5191000
Trail towards Breslauer Hütte; forest (*Pinus cembra*), alpine pasture, meadow, rock; altitudinal range 2,030 – 2,560 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Aneura pinguis	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Aulacomnium palustre	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wet ground, bog
Bartramia ithiphylla	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Blindia acuta	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wet rock
Brachythecium salebrosum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wet rock
Bryum alpinum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wet rock
Bryum pseudotriquetrum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Ceratodon purpureus	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Climacium dendroides	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Dichodontium palustre	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wet ground
Dicranum bonjeanii	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Dicranum muehlenbeckii	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Dicranum scoparium	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Encalypta vulgaris	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Eurhynchiastrum pulchellum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Grimmia elatior	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock

Grimmia longirostris	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Heterocladium dimorphum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Hypnum cupressiforme	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Hypnum vaucheri	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Oligotrichum hercynicum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Oncophorus virens	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Palustriella commutata	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Philonotis fontana	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Philonotis seriata	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Pogonatum urnigerum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Pohlia nutans	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Polytrichastrum alpinum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Polytrichum piliferum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Polytrichum strictum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Pseudoleskea patens	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Racomitrium elongatum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Racomitrium ericoides	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Racomitrium heterostichum agg.	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Riccardia palmata	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rotten wood
Sanionia uncinata	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Scapania uliginosa	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Scorpidium revolvens	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Sphagnum capillifolium	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Sphagnum girgensohnii	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Sphagnum warnstorfii	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Straminergon stramineum	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	wetland
Syntrichia norvegica	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Syntrichia ruralis	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground
Tortella fragilis	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Tortella tortuosa	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	rock
Tortula hoppeana	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	ground

Warnstorfia exannulata	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog
Warnstorfia sarmentosa	**163**	AT	23.06.02	2,030 – 2,560 m a.s.l.	bog

164 Breslauer Hütte, 32T 0644000 5192000
Trail towards Breslauer Hütte; alpine pasture, meadow, rock; altitudinal range 2,560 – 2,660 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anthelia juratzkana	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	snow patch
Bartramia ithiphylla	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	rock
Grimmia incurva	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	rock
Kiaeria falcata	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	snow patch
Marsupella brevissima	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	rock
Pohlia drummondii	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	ground
Polytrichum juniperinum	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	ground
Polytrichum piliferum	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	rock
Racomitrium elongatum	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	ground
Tortula hoppeana	**164**	AT	23.06.02	2,560 – 2,660 m a.s.l.	ground

165 Breslauer Hütte, 32T 0643000 5192000
Breslauer Hütte; alpine pasture, rock; altitudinal range 2,660–2,844 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anthelia juratzkana	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	snow patch
Bartramia ithiphylla	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Bryum argenteum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	wet rock
Ceratodon purpureus	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Dicranoweisia crispula	**165**	AT	23.06.02	2,744 m a.s.l.	rock
Dicranum scoparium	**165**	AT	23.06.02	2,744 m a.s.l.	rock
Diphyscium foliosum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Distichium capillaceum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Encalypta ciliata	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Grimmia incurva	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Lophozia sudetica	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Mielichhoferia mielichhoferiana	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Odontoschisma elongatum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Oligotrichum hercynicum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Pogonatum urnigerum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Pohlia cruda	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Polytrichastrum alpinum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Polytrichastrum sexangulare	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	snow patch
Polytrichum juniperinum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Polytrichum piliferum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Pseudoleskea incurvata	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	rock
Racomitrium elongatum	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Sanionia uncinata	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Syntrichia ruralis	**165**	AT	23.06.02	2,660 – 2,844 m a.s.l.	ground
Tortula hoppeana	**165**	AT	23.06.02	2,800 m a.s.l.	ground

166 Tiefenbach, 32T 0648000 5195000
Panoramatrail; alpine vegetation, rock; altitudinal range 2,550 – 2,560 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea rothii	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Andreaea rupestris	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Anthelia juratzkana	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	snow patch
Aulacomnium palustre	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	wet ground
Bartramia ithiphylla	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Ceratodon purpureus	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Conostomum tetragonum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Dicranella subulata	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Dicranoweisia crispula	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Dicranum scoparium	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Didymodon luridus	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Diplophyllum taxifolium	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Distichium capillaceum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Distichium inclinatum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Grimmia incurva	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Gymnomitrion concinnatum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Lophozia sudetica	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Marsupella brevissima	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Oligotrichum hercynicum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Paraleucobryum enerve	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Pleurozium schreberi	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Pogonatum urnigerum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Pohlia cruda	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Polytrichastrum alpinum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Polytrichastrum sexangulare	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	snow patch
Polytrichum piliferum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Racomitrium elongatum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground

Racomitrium heterostichum agg.	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Racomitrium lanuginosum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Rhytidium rugosum	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Sanionia uncinata	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Scapania subalpina	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Warnstorfia exannulata	**166**	AT	19.06.03	2,550 – 2,660 m a.s.l.	wet ground

167 Tiefenbach, 32T 0647000 5195000
Panoramatrail; alpine vegetation, rock; altitudinal range 2,550 – 2,660 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum minutum	**167**	AT	19.06.03	2,654 m a.s.l.	ground
Andreaea rupestris	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Anthelia juratzkana	**167**	AT	19.06.03	2,656 m a.s.l.	snow patch
Aulacomnium palustre	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	wet ground
Bartramia ithiphylla	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Bryum pseudotriquetrum	**167**	AT	19.06.03	2,656 m a.s.l.	ground
Dicranoweisia crispula	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Dicranum elongatum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Dicranum scoparium	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Grimmia mollis	**167**	AT	19.06.03	2,654 m a.s.l.	wet rock
Gymnocolea inflata	**167**	AT	19.06.03	2,656 m a.s.l.	lake
Gymnomitrion concinnatum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Lophozia incisa	**167**	AT	19.06.03	2,656 m a.s.l.	ground
Oligotrichum hercynicum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Philonotis seriata	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	wet ground
Pogonatum urnigerum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Pohlia annotina agg.	**167**	AT	19.06.03	2,654 m a.s.l.	ground
Polytrichastrum alpinum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground

Polytrichastrum sexangulare	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	snow patch
Polytrichum piliferum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Racomitrium affine	**167**	AT	19.06.03	2,656 m a.s.l.	rock
Racomitrium elongatum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Racomitrium heterostichum agg.	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Rhytidium rugosum	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Sanionia uncinata	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	ground
Syntrichia ruralis	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	rock
Tritomaria quinquedentata	**167**	AT	19.06.03	2,656 m a.s.l.	ground
Warnstorfia exannulata.	**167**	AT	19.06.03	2,550 – 2,660 m a.s.l.	wet ground

168 Tiefenbach, 32T 0648000 5196000
Panoramatrail; alpine vegetation, rock; altitudinal range 2,650 – 2,700 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Aulacomnium palustre	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	wet ground
Barbilophozia hatcheri	**168**	AT	19.06.03	2,660 m a.s.l.	ground
Bartramia ithiphylla	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Bryum moravicum	**168**	AT	19.06.03	2,660 m a.s.l.	ground
Conostomum tetragonum	**168**	AT	19.06.03	2,670 m a.s.l.	ground
Dicranum muehlenbeckii	**168**	AT	19.06.03	2,660 m a.s.l.	ground
Dicranum scoparium	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Grimmia funalis	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Lophozia ventricosa	**168**	AT	19.06.03	2,660 m a.s.l.	ground
Oligotrichum hercynicum	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	ground
Paraleucobryum enerve	**168**	AT	19.06.03	2,670 m a.s.l.	ground
Pleurocladula albescens	**168**	AT	19.06.03	2,670 m a.s.l.	ground
Pleurozium schreberi	**168**	AT	19.06.03	2,660 m a.s.l.	ground

Pogonatum urnigerum	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	ground
Pohlia nutans	**168**	AT	19.06.03	2,670 m a.s.l.	ground
Polytrichastrum alpinum	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	ground
Polytrichastrum sexangulare	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	snow patch
Polytrichum piliferum	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Racomitrium affine	**168**	AT	19.06.03	2,670 m a.s.l.	rock
Racomitrium elongatum	**168**	AT	19.06.03	2,660 m a.s.l.	ground
Rhytidium rugosum	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Sanionia uncinata	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	ground
Syntrichia ruralis	**168**	AT	19.06.03	2,650 – 2,700 m a.s.l.	rock
Tortula hoppeana	**168**	AT	19.06.03	2,660 m a.s.l.	ground

169 Tiefenbach, 32T 0648000 5197000
Panoramatrail; alpine vegetation, rock; altitudinal range 2,700 – 2,820 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea nivalis	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Andreaea rupestris	**169**	AT	19.06.03	2,720 m a.s.l.	rock
Anthelia juratzkana	**169**	AT	19.06.03	2,700 m a.s.l.	snow patch
Barbilophozia hatcheri	**169**	AT	19.06.03	2,695 m a.s.l.	ground
Bartramia ithiphylla	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Bryum elegans	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Conostomum tetragonum	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Dicranoweisia crispula	**169**	AT	19.06.03	2,720 m a.s.l.	rock
Dicranum muehlenbeckii	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Dicranum scoparium	**169**	AT	19.06.03	2,720 m a.s.l.	rock
Diplophyllum taxifolium	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Grimmia mollis	**169**	AT	19.06.03	2,700 m a.s.l.	wet rock
Grimmia montana	**169**	AT	19.06.03	2,740 m a.s.l.	rock

Gymnomitrion concinnatum	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Hylocomium splendens	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Hypnum cupressiforme	**169**	AT	19.06.03	2,720 m a.s.l.	ground
Jungermannia sphaerocarpa	**169**	AT	19.06.03	2,695 m a.s.l.	ground
Kiaeria falcata	**169**	AT	19.06.03	2,740 m a.s.l.	snow patch
Lescuraea saxicola	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Lophozia incisa	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Lophozia ventricosa	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Marsupella brevissima	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Nardia scalaris	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Odontoschisma elongatum	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Oligotrichum hercynicum	**169**	AT	19.06.03	2,740 m a.s.l.	ground
Paraleucobryum enerve	**169**	AT	19.06.03	2,695 m a.s.l.	rock
Pogonatum urnigerum	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Pohlia cruda	**169**	AT	19.06.03	2,695 m a.s.l.	ground
Pohlia drummondii	**169**	AT	19.06.03	2,700 m a.s.l.	ground
Polytrichastrum alpinum	**169**	AT	19.06.03	2,740 m a.s.l.	ground
Polytrichastrum sexangulare	**169**	AT	19.06.03	2,740 m a.s.l.	snow patch
Polytrichum piliferum	**169**	AT	19.06.03	2,740 m a.s.l.	rock
Pseudoleskea incurvata	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Pterigynandrum filiforme	**169**	AT	19.06.03	2,720 m a.s.l.	rock
Ptilidium ciliare	**169**	AT	19.06.03	2,700 m a.s.l.	rock ledge
Racomitrium elongatum	**169**	AT	19.06.03	2,740 m a.s.l.	ground
Racomitrium heterostichum agg.	**169**	AT	19.06.03	2,700 m a.s.l.	rock
Rhytidium rugosum	**169**	AT	19.06.03	2,740 m a.s.l.	rock
Sanionia uncinata	**169**	AT	19.06.03	2,740 m a.s.l.	ground
Syntrichia ruralis	**169**	AT	19.06.03	2,740 m a.s.l.	rock
Tortula leucostoma	**169**	AT	19.06.03	2,700 m a.s.l.	ground

170 Tiefenbach, 32T 0648000 5198000
Tiefenbach Ferner, end of glacier road; alpine vegetation, rock; altitudinal range 2,780 – 2,820 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Andreaea nivalis	**170**	AT	19.06.03	2,780 m a.s.l.	rock
Andreaea rupestris	**170**	AT	19.06.03	2,780 m a.s.l.	rock
Anthelia juratzkana	**170**	AT	19.06.03	2,788 m a.s.l.	snow patch
Aulacomnium palustre	**170**	AT	19.06.03	2,800 m a.s.l.	bogy place
Barbilophozia hatcheri	**170**	AT	19.06.03	2,788 m a.s.l., 2,800 m a.s.l.	ground
Bartramia ithiphylla	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	rock
Bryum capillare	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	ground
Ceratodon purpureus	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	ground
Cynodontium strumiferum	**170**	AT	19.06.03	2,788 m a.s.l., 2,800 m a.s.l.	ground
Dicranoweisia crispula	**170**	AT	19.06.03	2,788 m a.s.l.	rock
Dicranum bonjeanii	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Dicranum muehlenbeckii	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Dicranum scoparium	**170**	AT	19.06.03	2,788 m a.s.l., 2,800 m a.s.l.	rock
Grimmia pulvinata	**170**	AT	19.06.03	2,788 m a.s.l.	rock
Grimmia trichophylla	**170**	AT	19.06.03	2,788 m a.s.l.	rock
Gymnomitrion concinnatum	**170**	AT	19.06.03	2,780 m a.s.l.	rock
Hylocomium splendens	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Isopterygiopsis muelleriana	**170**	AT	19.06.03	2,785 m a.s.l.	ground
Kiaeria falcata	**170**	AT	19.06.03	2,788 m a.s.l.	snow patch
Lophozia ventricosa	**170**	AT	19.06.03	2,788 m a.s.l., 2,800 m a.s.l.	ground
Marsupella commutata	**170**	AT	19.06.03	2,800 m a.s.l.	rock
Oligotrichum hercynicum	**170**	AT	19.06.03	2,780 m a.s.l.	ground
Paraleucobryum enerve	**170**	AT	19.06.03	2,800 m a.s.l.	rock
Pogonatum urnigerum	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Pohlia drummondii	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	ground
Polytrichastrum alpinum	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Polytrichastrum sexangulare	**170**	AT	19.06.03	2,788 m a.s.l.	snow patch

Polytrichum juniperinum	**170**	AT	19.06.03	2,788 m a.s.l.	ground
Polytrichum piliferum	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	rock
Pterigynandrum filiforme	**170**	AT	19.06.03	2,780 m a.s.l.	rock
Racomitrium elongatum	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	ground
Rhabdoweisia fugax	**170**	AT	19.06.03	2,804 m a.s.l.	rock
Rhytidium rugosum	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	rock
Sanionia uncinata	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	ground
Schistidium apocarpum	**170**	AT	19.06.03	2,788 m a.s.l.	rock
Syntrichia norvegica	**170**	AT	19.06.03	2,804 m a.s.l.	ground
Syntrichia ruralis	**170**	AT	19.06.03	2,788 m a.s.l., 2,804 m a.s.l.	rock
Tortula hoppeana	**170**	AT	19.06.03	2,800 m a.s.l.	ground
Warnstorfia fluitans	**170**	AT	19.06.03	2,800 m a.s.l.	wetland

171 Matschertal, 32T 0628000 5175000
Glieshof; pasture, meadow, woodland; altitudinal range 1,810 – 1,820 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Aulacomnium palustre	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	bog
Barbilophozia lycopodioides	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Bartramia halleriana	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Bartramia ithiphylla	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Bryoerythrophyllum recurvirostrum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock crevice
Bryum moravicum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Calliergonella lindbergii	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	bog
Cephalozia bicuspidata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Ceratodon purpureus	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	roadbank
Cirriphylum piliferum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Climacium dendroides	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	meadow
Cynodontium polycarpon	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock

Dicranella subulata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Dicranodontium denudatum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Dicranoweisia crispula	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Dicranum montanum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	bark
Dicranum montanum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Dicranum scoparium	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Encalypta ciliata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Funaria hygrometrica	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	roadbank
Grimmia pulvinata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	concrete
Hedwigia ciliata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Hygrohypnum duriusculum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	river
Hypnum cupressiforme	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground, concrete
Isopterygiopsis muelleriana	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Isopterygiopsis pulchella	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock crevice
Leptodictyum riparium	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	river
Lophozia ascendens	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Marchantia polymorpha	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Orthotrichum anomalum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	bark
Orthotrichum diaphanum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	concrete
Philonotis fontana	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	bog
Plagiomnium affine	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Plagiomnium cuspidatum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Plagiothecium denticulatum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Pleurozium schreberi	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Pohlia elongata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Pohlia nutans	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Pohlia proligera	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Polytrichastrum alpinum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Polytrichastrum formosum	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Pseudoleskeella nervosa	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	concrete
Pterigynandrum filiforme	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock

Pylaisia polyantha	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	twig
Rhytidiadelphus squarrosus	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	meadow
Rhytidiadelphus triquetrus	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Sanionia uncinata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground
Schistidium rivulare	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	river
Syntrichia norvegica	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rock
Tetraphis pellucida	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Tortula muralis	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	concrete
Tortula subulata	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	ground, rock crevice
Tritomaria exsecta	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	rotten wood
Warnstorfia fluitans	**171**	IT	06.08.16	1,810 – 1,820 m a.s.l.	river

172 Matschertal, 32T 0623000 5171000
Kortatsch to ruin of Castle Matsch; pasture, meadow, woodland, rock, river bank; altitudinal range ca. 1,370 – 1,434 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground, pasture
Amblystegium serpens	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Amphidium mougeotii	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Atrichum undulatum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Barbilophozia lycopodioides	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground wood
Barbula convoluta	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	roadbank
Barbula sinuosa	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	roadbank
Barbula unguiculata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	roadbank
Brachytheciastrum velutinum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Brachythecium glareosum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Brachythecium rivulare	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	river bank
Bryum argenteum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	pasture dry
Bryum moravicum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	track bank

Ceratodon purpureus	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	track bank, roadbank
Cirriphyllum piliferum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground shady
Coscinodon cribrosus	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Dicranum polysetum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Dicranum scoparium	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground, rock
Encalypta ciliata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Entodon concinnus	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground pasture dry
Frullania dilatata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock, bark
Grimmia elatior	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Hedwigia ciliata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Hylocomium splendens	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Hypnum cupressiforme	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Jungermannia leiantha	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	river bank
Lophocolea heterophylla	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Lophocolea minor	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Orthotrichum affine	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Orthotrichum anomalum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Orthotrichum diaphanum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Orthotrichum obtusifolium	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Orthotrichum rupestre	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Orthotrichum striatum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Pellia endiviaefolia	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	river bank
Philonotis seriata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	river bank
Plagiochila porelloides	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Plagiomnium affine	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Plagiomnium cuspidatum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground meadow
Plagiomnium undulatum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Platygyrium repens	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Pogonatum urnigerum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Pohlia nutans	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Pohlia wahlenbergii	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	river bank

Polytrichastrum alpinum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Polytrichum piliferum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Porella cordeana	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock, bark
Porella platyphylla	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock, bark
Pseudoleskeella nervosa	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Pterigynandrum filiforme	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Pylaisia polyantha	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	twig
Radula complanata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock, bark
Rhytidiadelphus squarrosus	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground meadow
Rhytidiadelphus triquetrus	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground wood
Rhytidium rugosum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Sanionia uncinata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Schistidium crassipilum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock
Schistidium platyphyllum	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock in river
Schistidium rivulare	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	rock in river
Syntrichia papillosa	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	bark
Syntrichia ruralis	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground pasture
Thuidium assimile	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ground
Tortula muralis	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	ruin
Tortula subulata	**172**	IT	06.08.16	ca. 1,370 – 1,434 m a.s.l.	track bank

173 Langtauferertal, 32T 0619000 5185000
Langtaufers; meadows, pasture, larch woodland, road banks; altitudinal range ca. 1,600 – 1,620 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Amblystegium confervoides	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	road bank
Amblystegium serpens	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Brachythecium salebrosum	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	road bank

Cirriphyllum piliferum	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Dicranoweisia crispula	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Dicranum scoparium	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Ditrichum flexicaule	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Encalypta streptocarpa	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Encalypta vulgaris	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Funaria hygrometrica	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Grimmia caespitica	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Grimmia elatior	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Grimmia longirostris	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Hedwigia ciliata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Hylocomium splendens	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Hypnum cupressiforme	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Lophozia ventricosa	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	road bank
Mnium marginatum	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Orthotrichum rupestre	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Pohlia elongata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	road bank
Pohlia nutans	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Preissia quadrata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Pseudoleskeella nervosa	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	bark
Pterigynandrum filiforme	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Radula complanata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	bark
Rhytidiadelphus triquetrus	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Sanionia uncinata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Schistidium dupretii	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Schistidium elegantulum	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Schistidium trichodon	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Syntrichia ruralis	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Timmia austriaca	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground
Tortella tortuosa	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	rock
Tortula subulata	**173**	IT	04.08.16	ca. 1,600 – 1,620 m a.s.l.	ground

174 Langtauferertal, 32T 0618000 5185000
Entrance to Langtauferertal; meadows, pasture, *Alnus alnobetula*, *Larix* woodland, road banks, river; altitudinal range ca. 1,513 – 1,540 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Amblystegium confervoides	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Amblystegium serpens	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Aneura pinguis	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	road bank
Barbilophozia lycopodioides	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Barbula convoluta	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Barbula unguiculata	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Bartramia halleriana	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Bartramia ithiphylla	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Brachytheciastrum velutinum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Bryum argenteum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	road bank
Bryum moravicum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	bark larch
Bryum torquescens	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Campylium stellatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Ceratodon purpureus	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	road bank
Chiloscyphus polyanthos	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Cirriphyllum piliferum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Dicranoweisia crispula	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Dicranum polysetum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Dicranum scoparium	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Distichium capillaceum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Ditrichum flexicaule	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Encalypta streptocarpa	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Encalypta vulgaris	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Eurhynchiastrum pulchellum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Hylocomium splendens	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Hypnum cupressiforme	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground

Lophozia incisa	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Marchantia polymorpha	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Mnium marginatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Mnium spinosum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Mnium stellare	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Orthothecium intricatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Orthotrichum rupestre	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Philonotis seriata	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground wet
Plagiochila porelloides	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Plagiomnium affine	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground wet
Plagiomnium cuspidatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground, meadow
Plagiothecium denticulatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Pogonatum urnigerum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Pohlia cruda	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Pohlia nutans	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Polytrichastrum formosum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground, wood
Pseudoleskeella nervosa	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	bark
Pterigynandrum filiforme	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Racomitrium elongatum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Radula complanata	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	bark
Rhytidiadelphus triquetrus	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Sanionia uncinata	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Schistidium crassipilum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Schistidium dupretii	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Schistidium elegantulum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Schistidium papillosum	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Syntrichia ruralis	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground
Tortella tortuosa	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	rock
Tortula subulata	**174**	IT	04.08.16	ca. 1,513 – 1,540 m a.s.l.	ground

175 Haidersee, 32T 0617000 5178000
At Haidersee; bog, lake shore, floating mat; altitude 1,450 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**175**	IT	24.06.03	1,450 m a.s.l.	ground
Aulacomnium palustre	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Breidleria pratensis	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Bryum pseudotriquetrum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Calliergon giganteum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Calliergon trifarium	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Calliergonella cuspidata	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Calliergonella lindbergii	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Campyliadelphus chrysophyllus	**175**	IT	24.06.03	1,450 m a.s.l.	ground
Campylium stellatum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Climacium dendroides	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Hygrohypnum luridum	**175**	IT	24.06.03	1,450 m a.s.l.	bush
Mnium spinosum	**175**	IT	24.06.03	1,450 m a.s.l.	ground
Palustriella commutata	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Plagiomnium elatum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Plagiomnium ellipticum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Plagiothecium laetum	**175**	IT	24.06.03	1,450 m a.s.l.	ground
Polytrichum strictum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Sphagnum contortum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Sphagnum squarrosum	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Sphagnum teres	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat
Tomentypnum nitens	**175**	IT	24.06.03	1,450 m a.s.l.	floating mat

176 Oris, 32T 0626000 5164000
Near Oris village; pasture, coppice woodland – bosco di sotto – “biotope”, *Alnus glutinosa*; altitude ca. 870 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium confervoides	**176**	IT	25.06.03	ca. 870 m a.s.l.	ground
Amblystegium serpens	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark
Anomodon attenuatus	**176**	IT	25..06.03	ca. 870 m a.s.l.	bark Alnus
Bryum moravicum	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark
Hypnum cupressiforme	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark
Leptodictyum riparium	**176**	IT	25.06.03	ca. 870 m a.s.l.	wet ground
Oxyrrhynchium hians	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark, ground
Plagiomnium cuspidatum	**176**	IT	25.06.03	ca. 870 m a.s.l.	ground
Pohlia nutans	**176**	IT	25.06.03	ca. 870 m a.s.l.	ground
Pylaisia polyantha	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark
Radula complanata	**176**	IT	25.06.03	ca. 870 m a.s.l.	bark

177 Tarantsberg, 32T 0655000 5167000
At Castle Tarantsberg up narrow valley; apple orchards and woodland; altitude ca. 555 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**177**	IT	21.04.04	555 m a.s.l.	ground, open soil apple
Anomodon attenuatus	**177**	IT	21.04.04	555 m a.s.l.	boulders, wood
Anomodon viticulosus	**177**	IT	21.04.04	555 m a.s.l.	boulders, wood
Antitrichia curtipendula	**177**	IT	21.04.04	555 m a.s.l.	boulders, wood
Atrichum undulatum	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Bryum argenteum	**177**	IT	21.04.04	555 m a.s.l.	bare soil, wood margin
Bryum moravicum	**177**	IT	21.04.04	555 m a.s.l.	bare soil, wood margin
Ceratodon purpureus	**177**	IT	21.04.04	555 m a.s.l..	bare soil, wood margin
Eurhynchium angustirete	**177**	IT	21.04.04	555 m a.s.l.	ground, wood

Fissidens dubius	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Funaria hygrometrica	**177**	IT	21.04.04	555 m a.s.l.	bare soil, apple culture
Grimmia pulvinata	**177**	IT	21.04.04	555 m a.s.l.	rock
Hedwigia ciliata	**177**	IT	21.04.04	555 m a.s.l.	rock
Homalothecium sericeum	**177**	IT	21.04.04	555 m a.s.l.	rock
Hypnum cupressiforme	**177**	IT	21.04.04	555 m a.s.l.	rock
Hypnum revolutum	**177**	IT	21.04.04	555 m a.s.l.	rock
Leucodon sciuroides	**177**	IT	21.04.04	555 m a.s.l.	rock
Marchantia polymorpha	**177**	IT	21.04.04	555 m a.s.l.	open soil apple orchard
Metzgeria furcata	**177**	IT	21.04.04	555 m a.s.l.	bark
Neckera besseri	**177**	IT	21.04.04	555 m a.s.l.	shady cliff
Neckera complanata	**177**	IT	21.04.04	555 m a.s.l.	rock
Physcomitrium pyriforme	**177**	IT	21.04.04	555 m a.s.l.	open soil apple culture
Plagiomnium affine	**177**	IT	21.04.04	555 m a.s.l.	open soil apple culture
Plagiomnium undulatum	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Pogonatum urnigerum	**177**	IT	21.04.04	555 m a.s.l.	rock, ground, wood
Pohlia cruda	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Porella platyphylla	**177**	IT	21.04.04	555 m a.s.l.	bark and rock
Pterogonium gracile	**177**	IT	21.04.04	555 m a.s.l.	rock
Rhytidiadelphus triquetrus	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Saelania glaucescens	**177**	IT	21.04.04	555 m a.s.l.	beneath boulders at soil
Schistidium apocarpum	**177**	IT	21.04.04	555 m a.s.l.	rock
Thuidium assimile	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Tortella tortuosa	**177**	IT	21.04.04	555 m a.s.l.	ground, wood
Weissia rutilans	**177**	IT	21.04.04	555 m a.s.l.	ground, bare soil wood margin

178 Partschins, 32T 0658000 5172,000
At Partschins wet groundfall; woodland, rocks, pasture; *Corylus avellana*, *Betula pendula*, *Picea abies*, *Fraxinus ornus*, *Tilia*, *Prunus spinosa*, *Larix decidua*; altitudinal range ca. 700 – 1,100 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, open light
Amblystegium serpens	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Anomodon attenuatus	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Anomodon viticulosus	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Antitrichia curtipendula	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Atrichum undulatum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Barbilophozia barbata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Bartramia halleriana	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Bartramia pomiformis	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Bryum alpinum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Bryum argenteum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Bryum moravicum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground, wood
Campylopus pilifer	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Ceratodon purpureus	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	gorund, wood and pasture
Climacium dendroides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	wet place
Conocephalum conicum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Ctenidium molluscum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Dicranella subulata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Dicranoweisia crispula	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Dicranum scoparium	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground, wood
Ditrichum flexicaule	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Eurhynchium angustirete	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Frullania dilatata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	bark and rock
Grimmia elatior	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Hedwigia ciliata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Homalothecium sericeum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Hylocomium splendens	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground

Hypnum cupressiforme	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground
Hypnum revolutum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Isothecium alopecuroides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Lejeunea cavifolia	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	bark and rock
Lepidozia reptans	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rotten wood
Leucodon sciuroides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	bark and rock
Metzgeria furcata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	bark and rock
Mnium spinosum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Neckera besseri	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Neckera complanata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	wet rock
Orthotrichum anomalum	**178**	IT	20.04.04	700 – 1,100 m a.s.l..	rock
Plagiochila asplenioides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Plagiochila porelloides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Plagiomnium cuspidatum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Plagiomnium undulatum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Pleurozium schreberi	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Pogonatum aloides	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Pogonatum urnigerum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Pohlia cruda	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground
Pohlia elongata	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground
Polytrichastrum formosum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Polytrichum piliferum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground, wood
Porella platyphylla	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	bark and rock
Pterigynandrum filiforme	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Racomitrium affine	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	silt at rock
Rhytidiadelphus triquetrus	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Rhytidium rugosum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground, open light
Schistidium apocarpum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock
Sciuro-hypnum populeum	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Syntrichia ruralis	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground
Tetraphis pellucida	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rotten wood

Thuidium assimile	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	ground, wood
Tortella tortuosa	**178**	IT	20.04.04	700 – 1,100 m a.s.l.	rock and ground

179 Marlingerberg, 32T 0661000 5167000
At property of family Kofler; mixed woodland: *Picea abies*, *Corylus avellana*, *Larix decidua*, *Lonicera xylosteum*, *Rubus fruticosus*, river bank; altitude ca. 1,100 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Anomodon attenuatus	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock
Atrichum undulatum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, wall
Blasia pusilla	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Brachythecium rivulare	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Brachythecium rutabulum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Brachythecium salebrosum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Cirriphyllum piliferum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Dicranella subulata	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Dicranum scoparium	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, rock
Eurhynchium angustirete	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, bank
Hedwigia ciliata	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock
Homalothecium sericeum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock
Hylocomium splendens	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, bank
Hypnum cupressiforme	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, rock, bark
Lophocolea bidentata	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, bank
Neckera complanata	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock
Plagiochila asplenioides	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Plagiomnium medium	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Plagiomnium undulatum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, rock
Plagiothecium laetum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, shady
Pleurozium schreberi	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground

Pogonatum aloides	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, wall, shady
Pogonatum urnigerum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Pohlia cruda	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, shady
Polytrichastrum formosum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Porella platyphylla	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock
Pseudoscleropodium purum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, bank
Rhizomnium punctatum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Rhytidiadelphus squarrosus	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Rhytidiadelphus triquetrus	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground, bank
Scapania nemorea	**179**	IT	24.04.04	ca.1,100 m a.s.l.	ground
Schistidium papillosum	**179**	IT	24.04.04	ca.1,100 m a.s.l.	rock

180 Marlingerberg, 32T 0662000 5167000
Below property of family Kofler; rocks, banks; mixed woodland: *Picea abies*, *Larix decidua*, *Sorbus aucuparia*, *Tilia*, *Betula pendula*; altitude ca. 800 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anomodon attenuatus	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Atrichum undulatum	**180**	IT	24.04.04	ca. 800 m a.s.l.	ground
Bartramia halleriana	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Bartramia ithiphylla	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Bartramia pomiformis	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Conocephalum conicum	**180**	IT	24.04.04	ca. 800 m a.s.l.	ground, rock near river
Ditrichum heteromallum	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Homalothecium sericeum	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Hygroamblystegium tenax	**180**	IT	24.04.04	ca. 800 m a.s.l.	river, submers
Hypnum cupressiforme	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Isothecium alopecuroides	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Neckera complanata	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Palustriella commutata	**180**	IT	24.04.04	ca. 800 m a.s.l.	river, partly submers

Pellia epiphylla	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock, sand near river
Plagiomnium medium	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock near river, wet ground sprayed
Platyhypnidium riparioides	**180**	IT	24.04.04	ca. 800 m a.s.l.	river, partly submers
Pogonatum aloides	**180**	IT	24.04.04	ca. 800 m a.s.l.	sandy ground, rock, shady
Pogonatum urnigerum	**180**	IT	24.04.04	ca. 800 m a.s.l.	bank
Polytrichastrum formosum	**180**	IT	24.04.04	ca. 800 m a.s.l.	ground
Polytrichum juniperinum	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Porella platyphylla	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Rhizomnium punctatum	**180**	IT	24.04.04	ca. 800 m a.s.l.	wet rock
Rhytidiadelphus triquetrus	**180**	IT	24.04.04	ca. 800 m a.s.l.	ground
Thuidium assimile	**180**	IT	24.04.04	ca. 800 m a.s.l.	rock
Tortella tortuosa	**180**	IT	24.04.04	ca. 800 m a.s.l.	ground, rock

181 Obertalmühle, 32T 0664000 5161000
At Obertalmühle, Völlan; rocks, banks; mixed woodland, gorge, lime sinter, river bank; altitude ca. 660 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Amblystegium serpens	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Amphidium mougeotii	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Anomodon viticulosus	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Blasia pusilla	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Brachytheciastrum velutinum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Brachythecium rivulare	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Brachythecium rutabulum	**181**	IT	04.06.05	ca.660 m a.s.l.	bark
Brachythecium salebrosum	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Bryoerythrophyllum recurvirostrum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Bryum moravicum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground, bark
Bryum pseudotriquetrum	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground

Campylium stellatum	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Conocephalum conicum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Cratoneuron filicinum	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Ctenidium molluscum	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Dicranum scoparium	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Didymodon fallax	**181**	IT	04.06.05	ca.660 m a.s.l.	river bank
Didymodon ferrugineus	**181**	IT	04.06.05	ca.660 m a.s.l.	river bank
Ditrichum flexicaule	**181**	IT	04.06.05	ca.660 m a.s.l.	rock, roadbank
Encalypta streptocarpa	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Entodon concinnus	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Eucladium verticillatum	**181**	IT	04.06.05	ca.660 m a.s.l.	sinter, spring
Eurhynchium angustirete	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Fissidens dubius	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Grimmia pulvinata	**181**	IT	04.06.05	ca.660 m a.s.l.	wall
Homalothecium lutescens	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Hygroamblystegium humile	**181**	IT	04.06.05	ca.660 m a.s.l.	rive bank
Hylocomium splendens	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Hymenostylium recurvirostre	**181**	IT	04.06.05	ca.660 m a.s.l.	tuffa, spring
Hypnum cupressiforme	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Jungermannia atrovirens	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Leucodon sciuroides	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Metzgeria conjugata	**181**	IT	04.06.05	ca.660 m a.s.l.	rock, bark
Mnium lycopodioides	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Neckera complanata	**181**	IT	04.06.05	ca.660 m a.s.l.	rock, bark
Neckera crispa	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Orthotrichum anomalum	**181**	IT	04.06.05	ca.660 m a.s.l.	wall
Palustriella commutata	**181**	IT	04.06.05	ca.660 m a.s.l.	spring
Pellia endiviaefolia	**181**	IT	04.06.05	ca.660 m a.s.l.	spring
Plagiochila porelloides	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Plagiomnium rostratum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Plagiomnium undulatum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground

Porella platyphylla	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Preissia quadrata	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Pseudoleskeella nervosa	**181**	IT	04.06.05	ca.660 m a.s.l.	bark
Rhizomnium punctatum	**181**	IT	04.06.05	ca.660 m a.s.l.	wet ground
Rhytidiadelphus triquetrus	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Rhytidium rugosum	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Schistidium apocarpum	**181**	IT	04.06.05	ca.660 m a.s.l.	rock
Thuidium assimile	**181**	IT	04.06.05	ca.660 m a.s.l.	ground
Tortella tortuosa	**181**	IT	04.06.05	ca.660 m a.s.l.	rock

182 Martelltal, 32T 0631000 5150000
Martelltal at reservoir, Alpengasthof Zufritt; bog; altitude 1,880 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Aulacomnium palustre	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Campylium stellatum	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Chiloscyphus pallescens	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Hylocomium splendens	**182**	IT	25.06.03	1,880 m a.s.l.	ground
Paludella squarrosa	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Philonotis fontana	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Pleurozium schreberi	**182**	IT	25.06.03	1,880 m a.s.l.	ground
Rhizomnium pseudopunctatum	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Sphagnum capillifolium	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Sphagnum platyphyllum	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Sphagnum teres	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Straminergon stramineum	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Tomentypnum nitens	**182**	IT	25.06.03	1,880 m a.s.l.	bog
Warnstorfia exannulata	**182**	IT	25.06.03	1,880 m a.s.l.	bog

183 Near Brixen, 32T 0702000 5176000
At Tils; dry *Fraxinus ornus* and *Quercus pubescens* woodland, rock, partly wet, road banks; altitudinal range 650 – 730 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Atrichum undulatum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Brachythecium glareosum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Bryum alpinum	**183**	IT	17.08.13	650 – 730 m a.s.l.	wet wall
Bryum argenteum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Bryum capillare	**183**	IT	17.08.13	650 – 730 m a.s.l.	wet wall
Bryum moravicum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground, rock
Ceratodon purpureus	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Climacium dendroides	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Dicranella heteromalla	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Dicranum polysetum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Eurhynchium angustirete	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Fissidens dubius	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Grimmia laevigata	**183**	IT	17.08.13	650 – 730 m a.s.l.	rock
Hedwigia ciliata	**183**	IT	17.08.13	650 – 730 m a.s.l.	rock
Hylocomium splendens	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Hypnum cupressiforme	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground and rock
Hypnum revolutum	**183**	IT	17.08.13	650 – 730 m a.s.l.	rock
Plagiomnium ellipticum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Platigyrium repens	**183**	IT	17.08.13	650 – 730 m a.s.l.	bark
Pleuridium acuminatum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Pleurozium schreberi	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Pogonatum aloides	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Pogonatum nanum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Pogonatum urnigerum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Pohlia nutans	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Polytrichastrum formosum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Polytrichum juniperinum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground

Polytrichum piliferum	**183**	IT	17.08.13	650 – 730 m a.s.l.	rock
Rhytidiadelphus triquetrus	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Rhytidium rugosum	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Syntrichia ruralis	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Thuidium assimile	**183**	IT	17.08.13	650 – 730 m a.s.l.	ground
Tortula muralis	**183**	IT	17.08.13	650 – 730 m a.s.l.	wall

184 Lajen, Grödnertal, 32T 0696000 5165000
Wasserbühel trail; dry *Pinus sylvestris* woodland, rock, road banks, dry stone wall, biotope altitudinal range 1,070 – 1,090 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Amblystegium confervoides	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Amblystegium serpens	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Anomodon attenuatus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Anomodon viticulosus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Antitrichia curtipendula	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Atrichum undulatum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Bartramia halleriana	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Brachytheciastrum velutinum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Brachythecium rutabulum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground, rock
Bryoerythrophyllum recurvirostrum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Bryum argenteum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Bryum capillare	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Bryum moravicum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground, rock
Calliergonella cuspidata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	biotope
Ceratodon purpureus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Climacium dendroides	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Cynodontium polycarpon	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock

Dicranoweisia crispula	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Dicranum majus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Dicranum scoparium	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Encalypta ciliata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Encalypta vulgaris	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Entodon concinnus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Frullania dilatata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Funaria hygrometrica	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground, rock
Grimmia laevigata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Grimmia pulvinata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Grimmia trichophylla	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Hedwigia ciliata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Homalothecium sericeum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Hylocomium splendens	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Hypnum cupressiforme	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground and rock
Hypnum vaucheri	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Leptobryum pyriforme	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Leucodon sciuroides	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Orthotrichum affine	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	bark
Orthotrichum anomalum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Orthotrichum pumilum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	bark
Orthotrichum rupestre	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Orthotrichum speciosum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	bark
Orthotrichum striatum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	bark
Paraleucobryum longifolium	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Plagiomnium affine	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Plagiomnium cuspidatum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Plagiomnium rostratum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Plagiomnium undulatum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Plagiothecium laetum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Pleurozium schreberi	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground

Pohlia nutans	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Polytrichastrum formosum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Polytrichum juniperinum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Porella platyphylla	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	rock
Rhytidiadelphus squarrosus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Rhytidiadelphus triquetrus	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Rhytidium rugosum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Sanionia uncinata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Sciuro-hypnum reflexum	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Syntrichia papillosa	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	bark
Syntrichia ruralis	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground, rock
Thuidium assimile	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground
Tortula muralis	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	wall
Tortula subulata	**184**	IT	18.08.13	1,070 – 1,090 m a.s.l.	ground, rock

185 Kreuztal, 32T 0707000 5173000
Kreuztal below Plose; alpine pasture, *Pinus cembra – Larix decidua* woodland road bank, rock; altitudinal range 1,980 – 2,050 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Anastrophyllum minutum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Barbilophozia lycopodioides	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Barbula unguiculata	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Bartramia halleriana	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Bartramia ithyphylla	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Blepharostoma trichophyllum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	bank
Brachytheciastrum velutinum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Brachythecium salebrosum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Bryum argenteum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground

Bryum pallens	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Calypogeia neesiana	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Cephalozia bicuspidata	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Cephalozia lunulifolia	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground, rock
Ceratodon purpureus	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Conostomum tetragonum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Coscinodon cribrosus	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Cynodontium polycarpon	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Cynodontium strumiferum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Dicranella grevilleana	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Dicranodontium denudatum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Dicranoweisia crispula	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Dicranum scoparium	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground, rock
Diphyscium foliosum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Diplophyllum obtusifolium	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Diplophyllum taxifolium	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	hollow
Distichium capillaceum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Distichium inclinatum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Ditrichum flexicaule	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Encalypta ciliata	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Encalypta rhaptocarpa	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Encalypta streptocarpa	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Grimmia alpestris	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Grimmia orbicularis	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Hylocomium splendens	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Hypnum cupressiforme	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground and rock
Hypnum revolutum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Lepidozia reptans	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	bank
Lescuraea saxicola	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Lophozia incisa	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	hollow
Mnium marginatum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground

Mnium thomsonii	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Myurella julacea	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	wall
Odontoschisma elongatum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Orthotrichum rupestre	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Plagiochila porelloides	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pleurozium schreberi	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pogonatum aloides	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pogonatum urnigerum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pohlia andalusica	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pohlia cruda	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Pohlia elongata	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Pohlia nutans	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	bank
Pohlia wahlenbergii	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Polytrichastrum alpinum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Polytrichastrum formosum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Polytrichum juniperinum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Polytrichum piliferum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground, rock
Polytrichum strictum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Pterigynandrum filiforme	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Ptilidium pulcherrimum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	treebase
Racomitrium elongatum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Rhabdoweisia fugax	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Rhytidiadelphus triquetrus	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Sanionia uncinata	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Schistidium papillosum	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	wall
Seligeria brevifolia	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock
Sphagnum capillifolium	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Sphagnum subnitens	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Syntrichia ruralis	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground, rock
Tetraphis pellucida	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock, rotten wood
Tortella fragilis	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	rock

Tortella tortuosa	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Tortula hoppeana	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground
Tortula leucostoma	**185**	IT	19.08.13	1,980 – 2,050 m a.s.l.	ground

186 Dörf, Pustertal, 32T 0711000 5187000
At Dörf, Getzenberg; *Picea abies* woodland, meadow, banks; altitudinal range 880 – 900 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Amblystegium subtile	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Atrichum undulatum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Barbilophozia hatcheri	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Barbilophozia lycopodioides	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Bartramia halleriana	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Blasia pusilla	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Blepharostoma trichophyllum	**186**	IT	20.08.13	880 – 900 m a.s.l.	rotten wood
Brachythecium rutabulum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Brachythecium salebrosum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Bryum capillare	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Calypogeia neesiana	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Cephalozia bicuspidata	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Cirriphyllum piliferum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Climacium dendroides	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Conocephalum conicum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Dicranum montanum	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Dicranum polysetum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Dicranum scoparium	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Eurhynchium angustirete	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Frullania dilatata	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock, bark

Hedwigia ciliata	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Homalia trichomanioides	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Hylocomium splendens	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Hypnum cupressiforme	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Isothecium alopecuroides	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground, bark
Lejeunea cavifolia	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Lepidozia reptans	**186**	IT	20.08.13	880 – 900 m a.s.l.	rotten wood
Leucodon sciuroides	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Marchantia polymorpha	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Metzgeria conjugata	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Metzgeria furcata ulvula	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Mnium stellare	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Neckera complanata	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock, bark
Orthotrichum affine	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Orthotrichum lyelii	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Orthotrichum speciosum	**186**	IT	20.08.13	880 – 900 m a.s.l.	bark
Paraleucobryum longifolium	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Pellia endiviaefolia	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Pellia neesiana	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Plagiochila asplenioides	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Plagiomnium affine	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Plagiomnium cuspidatum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Plagiomnium undulatum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Plagiothecium denticulatum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Pleurozium schreberi	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Pogonatum unrnigerum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Polytrichastrum formosum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Pseudoleskeella nervosa	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock, bark
Pterigynandrum filiforme	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Ptilium crista–castrensis	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Pylaisia polyantha	**186**	IT	20.08.13	880 – 900 m a.s.l.	twig

Radula complanata	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock, bark
Rhizomnium punctatum	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Rhytidiadelphus squarrosus	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Rhytidiadelphus triquetrus	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Sanionia uncinata	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Schistidium crassipilum	**186**	IT	20.08.13	880 – 900 m a.s.l.	rock
Sphagnum subnitens	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Syntrichia ruralis	**186**	IT	20.08.13	880 – 900 m a.s.l.	ground
Tetraphis pellucida	**186**	IT	20.08.13	880 – 900 m a.s.l.	rotten wood

187 Dörf, Pustertal, 32T 0710000 5187000
At Dörf, Getzenberg, towards property of family Tanzl; *Picea abies* woodland, meadow, banks; altitudinal range 900 – 1,030 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Amblystegium serpens	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Atrichum undulatum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Barbilophozia hatcheri	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Barbilophozia lycopodioides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Bartramia halleriana	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Blasia pusilla	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Blepharostoma trichophyllum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rotten wood
Brachythecium rutabulum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Brachythecium salebrosum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Bryum capillare	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Calypogeia neesiana	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Cephalozia bicuspidata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Cirriphyllum piliferum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Climacium dendroides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Conocephalum conicum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground

Dicranum montanum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Dicranum polysetum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Dicranum scoparium	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Eurhynchium angustirete	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Frullania dilatata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock, bark
Hedwigia ciliata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Homalia trichomanioides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Hylocomium splendens	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Hypnum cupressiforme	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Isothecium alopecuroides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground, bark
Lejeunea cavifolia	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Lepidozia reptans	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rotten wood
Leucodon sciuroides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Marchantia polymorpha	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Metzgeria conjugata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Metzgeria furcata ulvula	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Mnium stellare	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Orthotrichum affine	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Orthotrichum lyelii	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Orthotrichum speciosum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	bark
Paraleucobryum longifolium	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Pellia endiviaefolia	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Pellia neesiana	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Plagiochila asplenioides	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Plagiomnium affine	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Plagiomnium cuspidatum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Plagiomnium undulatum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Plagiothecium denticulatum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Pleurozium schreberi	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Pogonatum unrnigerum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Polytrichastrum formosum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground

Pseudoleskeella nervosa	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock, bark
Pterigynandrum filiforme	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Ptilium crista-castrensis	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Pylaisia polyantha	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	twig
Radula complanata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock, bark
Rhizomnium punctatum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Rhytidiadelphus squarrosus	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Rhytidiadelphus triquetrus	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Sanionia uncinata	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Schistidium crassipilum	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rock
Sphagnum subnitens	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Syntrichia ruralis	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	ground
Tetraphis pellucida	**187**	IT	20.08.13	900 – 1,030 m a.s.l.	rotten wood

188 Dörf, Pustertal, 32T 0710000 5188000
Dörf, towards Vintler wet groundfall; *Picea abies* woodland, meadow, banks; altitudinal range 780 – 800 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Atrichum undulatum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Barbilophozia barbata	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Barbilophozia lycopodioides	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Bartramia halleriana	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Blepharostoma trichophyllum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground, rotten wood
Brachytheciastrum velutinum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Bryum capillare	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Bryum moravicum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Bryum pseudotriquetrum	**188**	IT	20.08.13	780 – 800 m a.s.l.	wet ground
Calliergonella cuspidata	**188**	IT	20.08.13	780 – 800 m a.s.l.	wet ground
Ceratodon purpureus	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground

Cirriphyllum piliferum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Conocephalum conicum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Cratoneuron filicinum	**188**	IT	20.08.13	780 – 800 m a.s.l.	wet ground, river
Dicranella heteromalla	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Dicranum montanum	**188**	IT	20.08.13	780 – 800 m a.s.l.	bark
Dicranum polysetum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Encalypta streptocarpa	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Eurhynchium angustirete	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Fissidens bryoides	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Frullania dilatata	**188**	IT	20.08.13	780 – 800 m a.s.l.	bark, rock
Funaria hygrometrica	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Grimmia elongata	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Grimmia montana	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Hedwigia ciliata	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Herzogiella seligeri	**188**	IT	20.08.13	780 – 800 m a.s.l.	rotten wood
Homalothecium sericeum	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Hylocomium splendens	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Hypnum cupressiforme	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Isothecium alopecuroides	**188**	IT	20.08.13	780 – 800 m a.s.l.	bark
Lepidozia reptans	**188**	IT	20.08.13	780 – 800 m a.s.l.	rotten wood
Lophocolea heterophylla	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Marchantia polymorpha	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Metzgeria conjugata	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Metzgeria furcata ulvula	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock, bark
Paraleucobryum longifolium	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Pellia neesiana	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Plagiochila asplenioides	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Plagiochila porelloides	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Plagiomnium affine	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Plagiomnium undulatum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Plagiothecium denticulatum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground

Pleurozium schreberi	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Pohlia elongata	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Polytrichastrum formosum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Polytrichum piliferum	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Pylaisia polyantha	**188**	IT	20.08.13	780 – 800 m a.s.l.	twigs
Radula complanata	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock, bark
Rhizomnium punctatum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Rhytidiadelphus squarrosus	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Rhytidiadelphus triquetrus	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Rhytidium rugosum	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Schistidium papillosum	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock
Syntrichia ruralis	**188**	IT	20.08.13	780 – 800 m a.s.l.	ground
Tetraphis pellucida	**188**	IT	20.08.13	780 – 800 m a.s.l.	rotten wood
Tortella tortuosa	**188**	IT	20.08.13	780 – 800 m a.s.l.	rock

189 Dörf, Pustertal, 32T 071,1000 51,88000
Dörf, circular walk to Vintler wet groundfall; *Picea abies* woodland, meadow, banks; altitudinal range 790 – 820 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Atrichum angustatum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Atrichum undulatum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Barbilophozia barbata	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Barbilophozia lycopodioides	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Bartramia halleriana	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Bartramia pomiformis	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Blepharostoma trichophyllum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground, rotten wood
Brachytheciastrum velutinum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Bryum capillare	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Bryum pseudotriquetrum	**189**	IT	20.08.13	790 – 820 m a.s.l.	wet ground

Bryum moravicum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Calliergonella cuspidata	**189**	IT	20.08.13	790 – 820 m a.s.l.	wet ground
Cephaloziella divaricata	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Ceratodon purpureus	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Cirriphyllum piliferum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Conocephalum conicum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Cratoneuron filicinum	**189**	IT	20.08.13	790 – 820 m a.s.l.	wet ground, river
Dicranella heteromalla	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Dicranum polysetum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Encalypta streptocarpa	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Entodon concinnus	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Eurhynchium angustirete	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Fissidens bryoides	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Frullania dilatata	**189**	IT	20.08.13	790 – 820 m a.s.l.	bark, rock
Funaria hygrometrica	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Grimmia elongata	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Grimmia montana	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Hedwigia ciliata	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Herzogiella seligeri	**189**	IT	20.08.13	790 – 820 m a.s.l.	rotten wood
Homalothecium sericeum	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Hylocomium splendens	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Hypnum cupressiforme	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Isothecium alopecuroides	**189**	IT	20.08.13	790 – 820 m a.s.l.	bark
Lejeunea cavifolia	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Lepidozia reptans	**189**	IT	20.08.13	790 – 820 m a.s.l.	rotten wood
Lophocolea heterophylla	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Marchantia polymorpha	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Metzgeria conjugata	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Metzgeria furcata ulvula	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock, bark
Dicranum montanum	**189**	IT	20.08.13	790 – 820 m a.s.l.	bark
Paraleucobryum longifolium	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock

Pellia neesiana	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Plagiochila asplenioides	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Plagiochila porelloides	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Plagiomnium affine	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Plagiomnium undulatum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Plagiothecium denticulatum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Pleurozium schreberi	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Pohlia elongata	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Polytrichastrum formosum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Polytrichum piliferum	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Pylaisia polyantha	**189**	IT	20.08.13	790 – 820 m a.s.l.	twigs
Radula complanata	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock, bark
Rhizomnium punctatum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Rhytidiadelphus squarrosus	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Rhytidiadelphus triquetrus	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Rhytidium rugosum	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground
Schistidium papillosum	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Tetraphis pellucida	**189**	IT	20.08.13	790 – 820 m a.s.l.	rotten wood
Tortella tortuosa	**189**	IT	20.08.13	790 – 820 m a.s.l.	rock
Syntrichia ruralis	**189**	IT	20.08.13	790 – 820 m a.s.l.	ground

190 Above Latzfons, 32T 0692000 5174000
Above Steinebner Hütte; *Picea abies* woodland, meadow, banks; altitudinal range 1,580 – 1,600 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Antitrichia curtipendula	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Atrichum undulatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Barbilophozia hatcheri	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground

Bartramia ithyphylla	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Brachythecium rivulare	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	wet ground
Brachythecium rutabulum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Brachythecium salebrosum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Bryum moravicum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Bryum pseudotriquetrum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	wet ground
Calliergonella cuspidata	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	wet ground
Calypogeia fissa	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Calypogeia neesiana	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Cephalozia bicuspidata	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Ceratodon purpureus	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Climacium dendroides	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	wet ground
Coscinodon cribrosus	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Dichodontium palustre	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	wet ground
Dicranella heteromalla	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Dicranodontium denudatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rotten wood
Dicranoweisia crispula	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Dicranum montanum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	bark
Dicranum scoparium	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Diphyscium foliosum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Ditrichum flexicaule	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Ditrichum heteromallum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Funaria hygrometrica	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Grimmia elatior	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Grimmia ovalis	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Hedwigia ciliata	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Herzogiella seligeri	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rotten wood
Hylocomium splendens	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Hypnum cupressiforme	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Isopterygiopsis muelleriana	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Lepidozia reptans	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rotten wood

Lophocolea bidentata	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Marchantia polymorpha	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Odontoschisma denudatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Paraleucobryum longifolium	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Plagiochila porelloides	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Plagiomnium affine	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Plagiomnium cuspidatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Plagiothecium denticulatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Platyhypnidium riparioides	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	river
Pleurozium schreberi	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	bank
Pogonatum aloides	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Pogonatum urnigerum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Pohlia nutans	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Polytrichastrum formosum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Polytrichum juniperinum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Polytrichum piliferum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Pterigynandrum filiforme	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Ptilium crista–castrensis	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Rhizomnium punctatum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Rhytidiadelphus triquetrus	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Sanionia uncinata	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground
Schistidium papillosum	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rock
Tetraphis pellucida	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	rotten wood
Thuidium assimile	**190**	IT	22.08.13	1,580 – 1,600 m a.s.l.	ground

191 Pfunderer Mine, 32T 0694000 5170000
Mine spoil at Pfunderer Mine; *Picea abies* woodland, mine spoil; altitudinal range 970 – 1,010 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Barbilophozia hatcheri	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Bartramia halleriana	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	rock
Blepharostoma trichophyllum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	rotten wood
Bryum argenteum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Ceratodon purpureus	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Dicranella heteromalla	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Dicranum scoparium	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Didymodon fallax	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Didymodon rigidulus	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Funaria hygrometrica	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Hylocomium splendens	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Hypnum cupressiforme	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Plagiothecium laetum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Pleurozium schreberi	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Pogonatum aloides	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Pogonatum urnigerum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Pohlia annotina agg.	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Polytrichastrum formosum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Ptilidium pulcherrimum	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	bark
Ptilium crista–castrensis	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Rhytidiadelphus triquetrus	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Sanionia uncinata	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Sphagnum subnitens	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	ground
Tetraphis pellucida	**191**	IT	22.08.13	970 – 1,010 m a.s.l.	rotten wood

192 Laugen sports centre, 32T 0704000 5180000
Laugen sports centre, between Elvas and Natz; *Picea abies* woodland, boggy places, meadows, fruit cultures; altitudinal range ca. 870 – 900 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Amblystegium serpens	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Atrichum undulatum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Barbula convoluta	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	culture
Brachythecium rutabulum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Bryum argenteum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Bryum moravicum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Calliergonella cuspidata	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	wetland
Campylium stellatum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	wet ground
Cynodontium polycarpon	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Dicranella heteromalla	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	culture
Dicranum scoparium	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Fissidens bryoides	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Fissidens dubius	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Fissidens taxifolius	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Frullania dilatata	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark
Frullania tamarisci	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Grimmia elatior	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Grimmia laevigata	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Hedwigia ciliata	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Hylocomium splendens	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Hypnum cupressiforme	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground, bark
Marchantia polymorpha	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	culture
Orthotrichum affine	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark, poplar
Orthotrichum anomalum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Orthotrichum obtusifolium	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark, poplar
Orthotrichum pallens	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark, poplar
Orthotrichum speciosum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark, poplar

Oxyrrhynchium hians	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Plagiomnium cuspidatum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Plagiomnium elatum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	wetland
Plagiomnium undulatum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Pleurozium schreberi	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Polytrichastrum formosum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Polytrichum juniperinum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Pterigynandrum filiforme	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	rock
Ptilium crista–castrensis	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Rhytidiadelphus triquetrus	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Rhytidium rugosum	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground
Syntrichia papillosa	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	bark, poplar
Thuidium assimile	**192**	IT	23.08.13	ca. 870 – 900 m a.s.l.	ground

193 Cloister Säben, Tinnetal, 32T 0696000 5168000
Gorge (Tinnetal) at Klausen below Cloister Säben; *Picea abies* woodland, walls, roadside banks, cliffs, woodland; P*runus spinosa*; altitudinal range 525 – 570 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**193**	IT	18.04.04	525 – 570 m a.s.l.	wall, rock, ground, open dry
Anomodon viticulosus	**193**	IT	18.04.04	525 – 570 m a.s.l.	cliff, bark and rock
Brachytheciastrum velutinum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Brachythecium salebrosum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Bryum argenteum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Bryum moravicum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Campylopus pilifer	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Ceratodon purpureus	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Conocephalum conicum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, shady
Coscinodon cribrosus	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock

Encalypta streptocarpa	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Encalypta vulgaris	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Eurhynchiastrum pulchellum	**193**	IT	18.04.04	525 – 570 m a.s.l.	groud, roadbank
Frullania dilatata	**193**	IT	18.04.04	525 – 570 m a.s.l.	bark and rock
Funaria hygrometrica	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Grimmia elatior	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Grimmia pulvinata	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Hedwigia ciliata	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Homalothecium lutescens	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Homalothecium philippeanum	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Hylocomium splendens	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock and ground, wood
Hypnum cupressiforme	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock and ground, wood
Hypnum revolutum	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Leucodon sciuroides	**193**	IT	18.04.04	525 – 570 m a.s.l.	bark and rock
Mannia fragrans	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Marchantia polymorpha	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, moist
Neckera crispa	**193**	IT	18.04.04	525 – 570 m a.s.l.	bark and rock
Orthotrichum anomalum	**193**	IT	18.04.04	525 – 570 m a.s.l.	wall
Orthotrichum diaphanum	**193**	IT	18.04.04	525 – 570 m a.s.l.	wall
Phascum cuspidatum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Plagiomnium undulatum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Pleurozium schreberi	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Porella platyphylla	**193**	IT	18.04.04	525 – 570 m a.s.l.	bark and rock
Rhytidiadelphus triquetrus	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, wood
Rhytidium rugosum	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, open dry
Schistidium crassipilum	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Schistidium dupretii	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock
Syntrichia laevipila	**193**	IT	18.04.04	525 – 570 m a.s.l.	wall
Syntrichia ruralis	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock and ground, open dry
Tortella tortuosa	**193**	IT	18.04.04	525 – 570 m a.s.l.	rock and ground, wood
Tortula hoppeana	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank

Tortula lanceolata	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Tortula modica	**193**	IT	18.04.04	525 – 570 m a.s.l.	ground, roadbank
Tortula muralis	**193**	IT	18.04.04	525 – 570 m a.s.l.	wall

194 Cloister Säben, Tinnetal, 32T 0696000 5169000
Gorge (Tinnetal) at Klausen below Cloister Säben, Säbener Promenade; *Picea abies* woodland, walls, roadside banks, cliffs, mixed woodland *Picea abies – Pinus sylvestris*; *Cornus mas*, *Viburnum lantana*, *Prunus mahaleb*, *Amelanchier ovalis*, *Ostrya carpinifolia*, *Fraxinus ornus*, *Quercus pubescens*, *Lonicera xylosteum*; altitudinal range 570 – 729 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Abietinella abietina	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, open dry
Anomodon viticulosus	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Atrichum undulatum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Barbilophozia lycopodioides	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground
Brachytheciastrum velutinum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Brachythecium rutabulum	**194**	IT	21.08.13	570 – 580 m a.s.l.	ground
Bryum capillare	**194**	IT	21.08.13	570 – 580 m a.s.l.	ground
Bryum moravicum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Ceratodon purpureus	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, open soil
Climacium dendroides	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wet
Dicranella subulata	**194**	IT	21.08.13	570 – 580 m a.s.l.	ground
Dicranum scoparium	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Ditrichum flexicaule	**194**	IT	21.08.13	570 – 580 m a.s.l.	rock
Fissidens dubius	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Frullania dilatata	**194**	IT	21.08.13	570 – 580 m a.s.l.	bark, rock
Grimmia elatior	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Grimmia laevigata	**194**	IT	21.08.13	570 – 580 m a.s.l.	rock
Grimmia pulvinata	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Hedwigia ciliata	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Homalothecium philippeanum	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock

Homalothecium sericeum	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Hylocomium splendens	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Hypnum cupressiforme	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground and rock, wood
Leucodon sciuroides	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Marchantia polymorpha	**194**	IT	21.08.13	570 – 580 m a.s.l.	ground
Metzgeria conjugata	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Metzgeria furcata	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Neckera complanata	**194**	IT	18.04.04	570 – 729 m a.s.l.	*Ostrya* bark and rock
Neckera crispa	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Orthotrichum affine	**194**	IT	21.08.13	570 – 580 m a.s.l.	rock
Orthotrichum anomalum	**194**	IT	21.08.13	570 – 580 m a.s.l.	rock
Orthotrichum diaphanum	**194**	IT	21.08.13	570 – 580 m a.s.l.	rock
Orthotrichum lyelii	**194**	IT	21.08.13	570 – 580 m a.s.l.	bark
Orthotrichum obtusifolium	**194**	IT	21.08.13	570 – 580 m a.s.l.	bark
Plagiochila asplenioides	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Plagiochila porelloides	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Plagiomnium affine	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Plagiomnium cuspidatum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Plagiomnium undulatum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Porella platyphylla	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark and rock
Pylaisia polyantha	**194**	IT	18.04.04	570 – 729 m a.s.l.	bark
Rhodobryum roseum	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Rhytidiadelphus triquetrus	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Rhytidium rugosum	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock and ground, open dry
Schistidium apocarpum	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock
Syntrichia papillosa	**194**	IT	21.08.13	570 – 580 m a.s.l.	bark
Syntrichia ruralis	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock and ground, open dry
Thuidium assimile	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, wood
Tortella tortuosa	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock and ground, open dry
Tortula hoppeana	**194**	IT	18.04.04	570 – 729 m a.s.l.	ground, open soil
Tortula muralis	**194**	IT	18.04.04	570 – 729 m a.s.l.	rock

195 Villnoder, Grödnertal, 32T 0694000 5163000
Villnoder, Grödnertal; woodland and meadow, river; rocks, *Picea abies – Corylus avellana*, *Cornus mas*, *Colchicum autumnale*, *Anemone trifolia*, *Gagea lutea*; altitudinal range 690 – 700 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, open sunny
Anomodon attenuatus	**195**	IT	18.04.04	690 – 700 m a.s.l.	bark
Anomodon viticulosus	**195**	IT	18.04.04	690 – 700 m a.s.l.	bark
Atrichum undulatum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Bartramia pomiformis	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Brachythecium rutabulum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Bryoerythrophyllum recurvirostrum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Calliergonella cuspidata	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wet, mead
Cephalozia bicuspidata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rotten wood
Ceratodon purpureus	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Climacium dendroides	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wet, mead
Conocephalum conicum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Cratoneuron filicinum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground wet mead
Ctenidium molluscum	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Dicranodontium denudatum	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Dicranum scoparium	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and wood, ground
Ditrichum flexicaule	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Encalypta streptocarpa	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Entodon concinnus	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, open sunny
Eurhynchium angustirete	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Fissidens dubius	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Frullania dilatata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Hedwigia ciliata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock, dry open
Hylocomium splendens	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Hypnum cupressiforme	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and ground, wood
Lejeunea cavifolia	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Lepidozia reptans	**195**	IT	18.04.04	690 – 700 m a.s.l.	rotten wood

Leucodon sciuroides	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and bark
Marchantia polymorpha	**195**	IT	18.04.04	690 – 700 m a.s.l.	wet ground, mead
Metzgeria conjugata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and bark
Metzgeria furcata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and bark and rotten
Neckera complanata	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and bark
Neckera crispa	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and bark
Orthotrichum speciosum	**195**	IT	18.04.04	690 – 700 m a.s.l.	twigg
Plagiochila asplenioides	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Plagiochila porelloides	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Plagiomnium medium	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Plagiomnium undulatum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Plagiothecium laetum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Polytrichastrum formosum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Pseudoscleropodium purum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Pylaisia polyantha	**195**	IT	18.04.04	690 – 700 m a.s.l.	twigg
Rhizomnium punctatum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Rhodobryum roseum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Rhytidiadelphus triquetrus	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Schistidium apocarpum	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Schistidium dupretii	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock
Syntrichia ruralis	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and ground, wood
Tetraphis pellucida	**195**	IT	18.04.04	690 – 700 m a.s.l.	rotten wood
Thamnobryum alopecurum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Thuidium tamariscinum	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood
Tortella tortuosa	**195**	IT	18.04.04	690 – 700 m a.s.l.	rock and ground, wood
Tortula muralis	**195**	IT	18.04.04	690 – 700 m a.s.l.	wall
Trichocolea tomentella	**195**	IT	18.04.04	690 – 700 m a.s.l.	ground, wood

196 Above Meransen, 32T 0702000 5190000
Altfasstal above Meransen; *Picea abies* woodland, some *Larix decidua*, roadside banks, outcrops, stream, *Vaccinium vitis-idaea*, *Vaccinium myrtillus*, *Erica carnea*, *Calluna vulgaris*, *Homogyne alpina*; altitudinal range 1,580 – 1,644 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground
Atrichum undulatum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Barbilophozia hatcheri	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Barbilophozia lycopodioides	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Bartramia halleriana	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Bartramia ithiphylla	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Blepharostoma trichophyllum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rotten wood
Brachytheciastrum velutinum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Brachythecium rutabulum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Brachythecium salebrosum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Bryum capillare	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Calypogeia neesiana	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rotten wood
Cephalozia bicuspidata	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rotten wood
Ceratodon purpureus	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Cirriphyllum piliferum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground
Climacium dendroides	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wet
Dichodontium palustre	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wet
Dicranella subulata	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Dicranoweisia crispula	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Dicranum scoparium	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground and rock, wood
Diphyscium foliosum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Grimmia trichophylla	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Hedwigia ciliata	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Heterocladium dimorphum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground and rock,roadbank
Hylocomium splendens	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Hypnum cupressiforme	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Lepidozia reptans	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rotten wood

Lophocolea minor	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadside
Mnium spinosum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Mnium stellare	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Oncophorus virens	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wet
Paraleucobryum longifolium	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Philonotis fontana	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wet
Plagiochila asplenioides	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Plagiomnium affine	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Platyhypnidium riparioides	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock in river
Pleurozium schreberi	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Pogonatum aloides	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Pogonatum urnigerum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, soil,wood
Pohlia cruda	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadbank
Pohlia elongata	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, roadside
Polytrichastrum alpinum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Polytrichastrum formosum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Polytrichum piliferum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, open dry
Pterigynandrum filiforme	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground and rock
Ptilidium ciliare	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, light wood
Ptilidium pulcherrimum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	bark larch
Rhizomnium punctatum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wet
Rhytidiadelphus triquetrus	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Rhytidium rugosum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, open dry
Sanionia uncinata	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	ground, wood
Schistidium apocarpum	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rock
Tetraphis pellucida	**196**	IT	17.04.04	1,580 – 1,644 m a.s.l.	rotten wood

197 Valsertal, 32T 0699000 5193000
Hornanger; degraded bog and meadow; altitude 1,395 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Atrichum undulatum	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Aulacomnium palustre	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Calliergonella cuspidata	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Climacium dendroides	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Dicranum bonjeanii	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Hylocomium splendens	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Hypnum callichroum	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Pleurozium schreberi	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Polytrichum commune	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Polytrichum strictum	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Sphagnum capillifolium	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Sphagnum fuscum	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Sphagnum warnstorfii	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow
Thuidium assimile	**197**	IT	17.04.04	1,395 m a.s.l.	degraded bog and meadow

198 Obergurgl, Zirbenwaldmoos, 32T 0653000 5191000
Pinus cembra woodland, Zirbenwaldmoor, Bruggboden; peat bog, wetland and skiing slope; altitudinal range 1,950 – 2,100 m a.s.l.

species	square number	country	date	elevation	substrate/habitat
Abietinella abietina	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Andreaea rupestre	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Aneura pinguis	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Aulacomnium palustre	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Barbilophozia lycopodioides	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Bartramia ithiphylla	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Blepharostoma trichophyllum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Blindia acuta	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	river
Bryum argenteum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Bryum pallens	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	bog
Calliergonella lindbergii	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	wetland
Calypogeia muelleriana	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Campylium stellatum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	bog
Cephalozia bicuspidata	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Ceratodon purpureus	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Cladopodiella fluitans	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Climacium dendroides	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	bog
Dichodontium palustre	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	bog
Dicranella subulata	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Dicranoweisia crispula	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Dicranum bonjeanii	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Dicranum polysetum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Dicranum scoparium	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Diplophyllum taxifolium	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Distichium capillaceum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Ditrichum flexicaule	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Encalypta streptocarpa	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	wall

Gymnomitrion concinnatum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Hylocomium splendens	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Hypnum cupressiforme	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Leptobryum pyriforme	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	wall
Lescuraea saxixola	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Odontoschisma elongatum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Oligotrichum hercynicum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Oncophorus wahlenbergii	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Orthotrichum anomalum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Pellia epiphylla	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Philonotis fontana	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	river
Philonotis seriata	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	river
Plagiochila porelloides	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Pleurozium schreberi	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Pogonatum urnigerum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Pohlia cruda	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Pohlia elongata	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Pohlia nutans	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Polytrichastrum formosum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Polytrichum juniperinum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Polytrichum piliferum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	rotten wood
Polytrichum strictum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Pseudoleskeella nervosa	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Racomitrium affine	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Racomitrium elongatum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Rhytidiadelphus triquetrus	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Sanionia uncinata	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	ground
Scapania uliginosa	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Schistidium dupretii	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Schistidium papillosum	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Schistidium trichodon	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock

Scorpidium revolvens	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum capillifolium	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum compactum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum fuscum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum girgensohnii	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum magellanicum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum platyphyllum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum russowii	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum teres	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Sphagnum warnstorfii	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	bog
Straminergon stramineum	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Syntrichia norvegica	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Syntrichia ruralis	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	wall
Tortella tortuosa	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	rock
Tortula muralis	**198**	AT	04.08.17	1,950 – 2,100 m a.s.l.	wall
Warnstorfia exannulata	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Warnstorfia fluitans	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog
Warnstorfia sarmentosa	**198**	AT	18.06.03	2,080 – 2,085 m a.s.l.	peat bog

199 Obergurgl, Rotmoos, 32T 0654000 5189000
Rotmoos near Obergurgl; peat bog; altitudinal range 2,260 – 2,300 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Anastrophyllum assimile	**199**	AT	18.06.03	2,260 – 2,300 m a.s.l.	peat bog
Anthelia juratzkana	**199**	AT	18.06.03	2,260 m a.s.l.	peat bog
Aulacomnium palustre	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Bryum psedotriquetrum	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Campylium stellatum	**199**	AT	18.06.03	2,280 m a.s.l.	peat bog, along track
Dichodontium palustre	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog

Dicranum bonjeanii	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Odontoschisma sphagni	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Philonotis seriata	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Pogonatum urnigerum	**199**	AT	18.06.03	2,280 m a.s.l.	peat bog, along track
Pohlia cruda	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Polytrichastrum sexangulare	**199**	AT	18.06.03	2,260 m a.s.l.	peat bog
Scapania undulata	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Scorpidium revolvens	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Sphagnum capillifolium	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Sphagnum compactum	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Sphagnum platyphyllum	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Sphagnum platyphyllum var. *turgescens*	**199**	AT	18.06.03	2,280 m a.s.l.	peat bog, near track
Sphagnum subsecundum	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Straminergon stramineum	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog
Warnstorfia exannulata	**199**	AT	18.06.03	2,275 – 2,280 m a.s.l.	peat bog
Warnstorfia sarmentosa	**199**	AT	18.06.03	2,275 m a.s.l.	peat bog

200 Hohe Mut, 32T 0654000 5190000
Hohe Mut summit; alpine vegetation; altitudinal range 2,600 – 2,670 m a.s.l.

species	**square number**	**country**	**date**	**elevation**	**substrate/habitat**
Andreaea rupestris	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	rock
Anthelia juratzkana	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	snow patch
Barbilophozia lycopodioides	**200**	AT	06.08.03	2,670 m a.s.l.	ground
Bartramia ithiphylla	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	rock
Blepharostoma trichophyllum	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Ceratodon purpureus	**200**	AT	06.08.03	2,670 m a.s.l.	ground
Conostomum tetragonum	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground

Dicranellla subulata	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Gymnomitrion concinnatum	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	rock
Lophozia sudetica	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Marsupella brevissima	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	rock
Nardia geoscyphus	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Oligotrichum hercynicum	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Paraleucobryum enerve	**200**	AT	06.08.03	2,670 m a.s.l.	ground
Pohlia cruda	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Polytrichastrum alpinum	**200**	AT	06.08.03	ca. 2,600 m a.s.l., 2,670 m a.s.l.	ground
Polytrichum juniperinum	**200**	AT	06.08.03	2,670 m a.s.l.	ground
Sanionia uncinata	**200**	AT	06.08.03	ca. 2,600 m a.s.l.	ground
Syntrichia ruralis	**200**	AT	06.08.03	2,670 m a.s.l.	ground