

- Hacker J, Neuner G (2007) Ice propagation in plants visualized at the tissue level by infrared differential thermal analysis (IDTA). *Tree Physiology* 27: 1661-1670.
- Luis VC, Taschler D, Hacker J, Jimenez MS, Wieser G, Neuner G (2007) Ice nucleation and frost resistance of *Pinus canariensis* seedlings bearing needles in three different developmental states. *Annals of Forest Science* 64: 177-182.
- Margesin R, Neuner G, Storey KB (2007) Cold-loving microbes, plants, and animals - fundamental and applied aspects. *Naturwissenschaften* 94: 77-99.
- Hacker J, Neuner G (2006) Photosynthetic Capacity and PSII Efficiency of the Evergreen Alpine Cushion Plant *Saxifraga paniculata* During Winter at Different Altitudes. *Arctic Antarctic and Alpine Research* 38: 198-205.
- Neuner G, Pramsohler M (2006) Freezing and high temperature thresholds of photosystem II compared to ice nucleation, frost and heat damage in evergreen subalpine plants. *Physiologia Plantarum* 126: 196-204.
- Braun V, Neuner G (2004) Response of effective quantum yield of photosystem 2 to *in situ* temperature in three alpine plants. *Photosynthetica* 42: 607-613.
- Taschler D, Beikircher B, Neuner G (2004) Frost resistance and ice nucleation in leaves of five woody timberline species measured *in situ* during shoot expansion. *Tree Physiology* 24: 331-337.
- Taschler D, Neuner G (2004) Summer frost resistance and freezing patterns measured *in situ* in leaves of major alpine plant growth forms in relation to their upper distribution boundary. *Plant Cell and Environment* 27: 737-746.
- Bannister P, Neuner G (2001) Frost resistance and the distribution of conifers. In Bigras, FJ, Colombo, SJ (eds) *Conifer Cold Hardiness*. 3-22.
- Buchner O, Neuner G (2003) Variability of heat tolerance in alpine plant species measured at different altitudes. *Arctic Antarctic and Alpine Research* 35: 411-420.
- Buchner O, Neuner G (2001) Determination of heat tolerance: A new equipment for field measurements. *J Appl Bot* 75: 130-137.
- Neuner G, Ambach D, Aichner K (1999) Impact of snow cover on photoinhibition and winter desiccation in evergreen *Rhododendron ferrugineum* leaves during subalpine winter. *Tree Physiology* 19: 725-732.
- Neuner G, Ambach D, Buchner O (1999) Readiness to frost harden during the dehardening period measured *in situ* in leaves of *Rhododendron ferrugineum* L. at the alpine timberline. *Flora* 194: 289-296.
- Neuner G, Buchner O (1999) Assessment of foliar frost damage: a comparison of *in vivo* chlorophyll fluorescence with other viability tests. *J Appl Bot* 73: 50-54.
- Neuner G, Braun V, Buchner O, Taschler D (1999) Leaf rosette closure in the alpine rock species *Saxifraga paniculata* Mill.: significance for survival of drought and heat under high irradiation. *Plant Cell and Environment* 22: 1539-1548.
- Neuner G, Bannister P, Larcher W (1997) Ice formation and foliar frost resistance in attached and excised shoots from seedlings and adult trees of *Nothofagus menziesii*. *New Zealand Journal of Botany* 35: 221-227.
- Neuner G, Bannister P (1995) Frost resistance and susceptibility to ice formation during natural hardening in relation to leaf anatomy in 3 evergreen tree species from New-Zealand. *Tree Physiology* 15: 371-377.