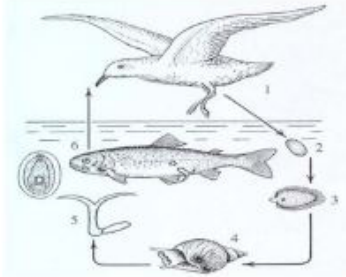


Why to study parasites?

1. They are everywhere
2. They are diverse
3. They are harmful
4. They (can) have complex life cycles
5. They show fascinating adaptations
6. They manipulate host behaviour
7. They alter host evolution etc.



An example: Life cycle of *Diplostomum* sp. with three hosts (and three different immune systems 1, 2, 3) and various strategies for transmission between hosts (free-swimming larvae 3, 5, manipulation of host behaviour 6)

Teachers:

Prof. Otto Seppälä &
Dr. Natalia Gogoleva



PARASITOLOGY June 2024
Zoology MSc, Module 19 (7.5 ECTS)

**ELECTIVE MODULE at Research Department for
Limnology, Mondsee (ILIM) in Upper Austria -
SS 2024**

Structure: VO: 1.5 ECTS, UE: 4.5 ECTS, SE: 1.5 ECTS

Content:

1. Diversity and natural history of parasites
2. Adaptations of parasites
3. Ecology of host-parasite interactions
4. Evolution between hosts and parasites
5. Human parasites

VO and UE: June, 10-21; Research Department for Limnology, Mondsee

SE: To be decided

UE content: Examination of aquatic organisms (e.g., fish) for parasites and eco-immunological experiments using snails

Accommodation available at the Research building (max 12 students)
– key deposit of EUR 50.-

Travel info: <http://www.uibk.ac.at/limno/location/>

Contact: otto.seppaelae@uibk.ac.at (use the subject line "parasitology SS24")

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