

STIRS and ForBio

Lichen ecology & identification (Part 2)

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Ekenäs herrgård, 4-8 May 2015

The course can be attended independently from part 1, which took place in 2014 and covered general aspects of lichen ecology and biology of today in a contemporary framework (funding received from the Research school *Ecology – basics and applications*, SLU Uppsala). The second part will be an introduction to lichen identification with focus on the Fennoscandian species.

Learning targets for Part two:

- Field knowledge of common and characteristic lichen species of different habitats in Sweden
- Understanding of important aspects related to lichens and nature conservation
- Lichen identification using microscopical examination in the laboratory
- Basic understanding of advanced techniques in lichen identification including analysis of chemical compounds by TLC

Göran Thor, professor at SLU, (goran.thor@slu.se) will be moderating the course. Participants are expected to read literature prior to the course. All students will give an oral presentation and are expected to participate actively in the discussion groups.

Target group: PhD students, master students, researchers, consultants, government officials/museum staff with relevant background in biology

Working language: English/Scandinavian

Recommended course credits: 3 ECTS **Number of participants:** Maximum 17.

Fee: No course fee. Free lodging and food for all participants is funded by "Stiftelsen Oscar och Lilli Lamms minne".

Registration: Registrations, including a short CV (indicating the nature and stage of your research project), can be submitted until April 10. Priority will be given to PhD students enrolled in the Swedish Taxonomy Initiative and to members of ForBio when the maximum number of participants is exceeded by registrations.

Registration (or questions): Malin Strand, Coordinator STI, e-mail: malin.strand@slu.se tel: +46(0)705-654246.

Location & practicals: The Ekenäs mansion (58°57'06.96"N, 16°35'32.88"E) is located in the countryside about 100 km SW of Stockholm and is close to excellent lichen habitats as oldgrowth forests and traditional agricultural landscapes with very old oaks and exposed siliceous and calcareous rocks. In the 19th century G.O.A. Malme collected a large number of lichens in Stora Malms parish W of Ekenäs. We will revisit some of his old localities and hopefully refind some of his rare species as, e.g., *Bacidia laurocerasi*, *Lecidea apochroella*, *Lecidella xylophila*, *Megalaria grossa*, *Menegazzia terebrata*, *Micarea anterior* and *Rinodina polyspora*. The current Ekenäs mansion was built in 1905 and much of the furniture's etc. are still from this time which gives the manor a unique atmosphere. We expect you to arrive to Stockholm in the afternoon of Sunday, 3 May. Two cars will depart to Ekenäs from Arlanda and/or Stockholm around 4pm. We will spend half days in the field and half days at the dissecting and transmission light microscopes identifying the collected samples. The evenings will be used for course activities as well. A more detailed schedule will be sent to those attending the course. The course ends after lunch on Friday 8 May. Transportation to Stockholm/Arlanda will be available for all participants. Most welcome!