

PRELIMINARY SCHEDULE (2021)

INSECTS: INVENTORY AND IDENTIFICATION 9th – 27th of August 2021

Teachers: DK = Dave Karlsson (Station Linné)
 MF = Mattias Forshage (NRM)
 EH = Emily Hartop (Station Linné)
 FR = Fredrik Ronquist (NRM)
 JR = Jadranka Rota (LU)
 NW = Niklas Wahlberg (LU)
 TR = Tomas Roslin (SLU)
 HH = Harald Havnås (Station Linné)



Days: AM = 09:00 to 12:00 (coffee break 10:15 – 10:45)
 Lunch break 12:00 – 13:00
 PM = 13:00 – 16:00 (coffee break 14:15 – 14:45)

FIRST WEEK

Monday, August, 9

AM Introduction and welcome to Öland, Station Linné // DK, MF, HH
 Students' project planning // DK, MF, HH

PM Diversity and phylogeny of insects // DK
 Order sorting in lab (Lab session) // DK, HH -> to be continued...

Evening (optional...) social hour/safe welcome party

Tuesday, August, 10

AM Inventory methodology //MF
 Preparation techniques // DK, MF
 Construction and use of keys //MF
 Setting out traps (field session)// DK, MF (Neighborhood around Station Linné)

PM -> continuing... Order sorting in lab (Lab session) // DK, HH

Wednesday, August, 11

AM Comparative insect morphology and terminology //DK

PM Lab session; insect morphology and terminology – **Hand in morph. task** //DK, HH

Evening Night excursion // DK, MF, HH



Thursday, August, 12

AM Diversity, phylogeny and evolution of insects: Hymenoptera // DK

Diversity, phylogeny, and evolution of insects: Ichneumonoidea // DK

PM Field session, collecting insects //MF, HH

Friday, August, 13

AM Diversity, phylogeny and evolution of insects: Coleoptera // MF

PM Diversity, phylogeny and evolution of insects: Diptera // EH (webinar?)

Evening Night excursion (optional...)



SECOND WEEK

Monday, August, 16

AM Field session, collecting insects // DK, HH

PM Lab session; determination, preparation and individual lab session // DK or HH

Tuesday, August, 17

AM Field session, collecting insects // DK, HH

PM Lab session; determination, preparation and individual lab session // DK or HH

Wednesday, August, 18

AM Field session, collecting insects // DK, HH

PM Lab session; determination, preparation and individual lab session // DK or HH

Thursday, August, 19

AM Going full out: All taxon biodiversity inventories //TR

PM Field/Lab session (personal student planning)



Friday, August, 20

AM1 The importance of biological collections and why we need to keep collecting //JR

AM2 The successful evolutionary history of insects //NW

PM Practices about research and the world of funding //FR





THIRD WEEK

Monday, August, 23

AM Own project/field/lab

AM Own project/field/lab

Tuesday, August, 24

AM Own project/field/lab

PM Own project/field/lab

Evening Night excursion (optional...)

Wednesday, August, 25

AM Own project/field/lab

PM Own project/field/lab

Thursday, August, 26

AM Oral presentations and course closing (group 1)

PM Oral presentations and course closing (group 2)

Friday, August, 27

AM Taxon quiz //DK, HH

PM Results and course evaluation //DK, HH



Course literature:

Gullan, PJ & Cranston, P S: Insects: An outline of Entomology, Chapman & Hall (appr. 600 SEK) (Academic standard textbook) OR [as a free pdf!](#)

Or:

Grimaldi, D & Engel, M S: Evolution of the Insects, Cambridge University Press (big, beautiful and up-to-date book, contains far more than the present course is able to cover, but strongly recommended for anyone with an interest in insects. Out of print but might be available as used or even as a pdf.)

And:

Various on-line identification keys and handouts.

