

PRELIMINARY SCHEDULE (2020)

**INSECTS: INVENTORY AND IDENTIFICATION****10th – 28th of August 2020****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, lab. and field assistant)

**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, 10****AM** Introduction and welcome to Öland, Station Linné and SMTP // DK, MF and other  
Students' project planning // DK, MF**PM** Diversity and phylogeny of insects // MF**Evening (optional...)** social hour/safe welcome party**Tuesday, August, 11****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** Going full out: All taxon biodiversity inventories //TR**Wednesday, August, 12****AM** Comparative insect morphology and terminology //DK**PM** Lab session; insect morphology and terminology //DK (individual lab session // HH)**Evening** Night excursion // DK, MF



**Thursday, August, 13**

**AM Diversity**, phylogeny and evolution of insects: Hymenoptera // MF

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

**PM** Field session, collecting insects //MF, HH

**Friday, August, 14**

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

**PM** Diversity, phylogeny and evolution of insects: Diptera // EH

**Evening** Night excursion (optional...)



**SECOND WEEK**

**Monday, August, 17**

**AM** Field session, collecting insects //MF, DK, HH

**PM** Lab session; determination and preparation //MF (individual lab session // MF, DK or HH)

**Tuesday, August, 18**

**AM** Field session, collecting insects //MF, HH

**PM** Lab session; determination and preparation //MF (individual lab session // MF, DK or HH)

**Wednesday, August, 19**

**AM** Field session, collecting insects //MF

**PM** Lab session; determination and preparation //MF (individual lab session // MF, DK or HH)

**Thursday, August, 20**

**AM** Field session, collecting insects //MF and other

**PM** Lab session; determination and preparation //MF and other



**Friday, August, 21**

**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, 24**

**AM** Own project/field/lab

**AM** Own project/field/lab

**Tuesday, August, 25**

**AM** Own project/field/lab

**PM** Own project/field/lab

**Evening** Night excursion (optional...)

**Wednesday, August, 26**

**AM** Own project/field/lab

**PM** Own project/field/lab

**Thursday, August, 27**

**AM** Oral presentations and course closing (group 1)

**PM** Oral presentations and course closing (group 2)

**Friday, August, 28**

**AM** Taxon quiz //DK, HH, MF

**PM** -



### 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 a pdf or used for appr. 1600 SEK.)

And:

Various on-line identification keys and handouts.

