Ph D student course: History of Ecological Ideas and Theories

Course time: December 2016 – April 2017, approx. 4 weeks work => 6 ECTS. (it is possible to take only I-III, for 3 ECTS).

Course leader: Jan Bengtsson  Jan.Bengtsson@slu.se

Course literature:
- Scientific papers (TBA)

Course start: 12 December 2016 14.00 at Ekologicentrum Ultuna.

Tentative course schedule: (topics and intensive week dates to be developed with participants)

I. Course start.
Monday 12 December 14.00-15.30, room F2 at Ekologicentrum Ultuna (Video link possible)
  Introduction to reading of Worster, etc. (JB)

II. Reading and Discussion of Worster’s book (home work)

III. Intensive-week 1 (3 days week 5 (30 Jan-3 Feb) 2017) (in Uppsala)
Day 1 Book discussion (JB et al.)
  Reading
Day 2 Discussion: Ecology as a discipline (JB)
  Discussion: Evolution (JB + )
Day 3 Discussion: Different views on Ecosystems (JB)
  Decision on topics to be discussed during intensive weeks 2 and 3

IV. Intensive week 2 (2-3 days week 9 (27 Feb-3 March) 2017) (Video link possible)
Day 1 Discussion: Topic to be decided in January
  Discussion: Topic to be decided in January
Day 2 Discussion: Topic to be decided in January
Day 3 Start of project: What views on ecology and ecological literature are relevant for my thesis project?

V. Intensive week 3 (2-3 days week 13 (27-31 March) 2017) (Video link possible)
Lectures by invited researchers representing different perspectives on ecology.
Discussion on the view of nature in ecology and evolutionary biology
Project report and Student seminar (JB)

Note: Parts IV-V developed in collaboration with the students during Intensive week I
Some possible topics for discussion and lectures are: Conservation Biology, Biodiversity, Ecosystem services, Landscape ecology, Succession, Modern ecosystem ecology, Resilience in ecology and social-ecological systems, Evolutionary ecology, Behavioral ecology, Gender in ecology, Population ecology, Human ecology, Ecological economics, etc. - To be decided according to student interests.