

Course Subject Title (授業題目)

Evolutionary Ecology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Fall term

Day/Period (時間割)

(Contact the lecturer to confirm the availability of the course)

Professor (Lecturer or Instructor) (担当教員名)

YASUI Yukio

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Keyword for the subject (キーワード)

evolution, adaptation, natural selection, insect behavior, evolutionary theory

Content and Objectives (授業テーマと目的)

(Content)

Evolution is the sole principle unifying the entire biology. The evolutionary thinking is also needed to understand various ecological and environmental problems in the present world. In this lecture, I introduce the basic (or sometimes advanced) evolutionary theory to explain reproductive and surviving strategies of organisms.

(Objectives)

To understand the reasons why organisms are so diverse and adaptive (well lived).

Teaching Materials (教科書・参考書)

Mark Ridley (2004) "Evolution" 3rd Ed. Blackwell

Evaluation of Results (成績評価の方法)

Report