

科目ナンバリング		U-LAS70 10002 SE50					
授業科目名 ＜英訳＞	ILAS Seminar-E2 :Introduction to Bird Study - Ornithology (鳥類研究のすすめ) ILAS Seminar-E2 :Introduction to Bird Study - Ornithology			担当者所属 職名・氏名	理学研究科 准教授 BARNETT, Craig Antony		
群	少人数群	単位数	2単位	週コマ数	1コマ	授業形態	ゼミナール(対面授業科目)
開講年度・ 開講期	2025・後期	受講定員 (1回生定員)	15 (15) 人	配当学年	主として1回生	対象学生	全学向
曜時限	月5	教室	1共26			使用言語	英語
キーワード	鳥類 / 行動 / 生態 / 進化						
【授業の概要・目的】							
Birds fascinate people because they are everywhere, they are easy to see and hear, and they are beautiful. In this course we will examine birds by considering their defining characteristics, form and function, behaviour, life histories, ecology, and conservation. In doing so, the aim is gain a thorough understanding of this diverse and interesting group of animals.							
【到達目標】							
1) Learn the evolutionary history of modern birds and their evolutionary relationships to other groups 2) Learn the characteristics of birds and the characteristics of the major avian groups 3) Learn the unique life history and behavioral traits of birds 4) Learn some aspects of avian ecology and conservation 5) Learning to identify different species of forest and aquatic birds around Kyoto							
【授業計画と内容】							
1) Course introduction 2) What are birds and are they feathered dinosaurs? 3) Feathers and flight exercise (video 1) 4) Museum visit and exercise 5) Avian communication exercise (video 2) 6) The annual cycle of birds and their migration exercise (video 3) 7) Avian movement 8) Birds in and around Kyoto University 9) Finding a mate and breeding systems exercise (video 4) 10) Avian reproduction 11) A trip to Takaragaike Park to identify aquatic birds 12) Avian intelligence and video exercise (video 5) 13) What to eat. Foraging behavior of birds 14) Avian ecology and bird conservation 15) Feedback							
【履修要件】							
Understanding of high school biology is recommended.							

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[成績評価の方法・観点]

Assessment will comprise of end of semester test.

[教科書]

使用しない

No textbook is mandatory although we consult various readings throughout the course.

[参考書等]

(参考書)

D. Attenborough 『The Life of Birds: The Complete Series』 (BBC)

F. B. Gill 『Ornithology 3rd Edition』 (W.H Freeman and Company)

Scott, G 『Essential Ornithology』 (Oxford University Press)

[授業外学修 (予習・復習) 等]

To achieve the course goals students should review the course materials plus optionally the recommended readings after each class.

[その他 (オフィスアワー等)]

[主要授業科目 (学部・学科名)]