

## BIOR51, ORNITHOLOGY – spring 2012

(21 March – 3 June 2012)

The course is held in English.

**Course book:** F. Gill. 2007. Ornithology. 3d edition.

**Bird identification book:** Mullarney, Svensson, Zetterström. 2003. *Fågelguiden*. (recommended)

Can be ordered from: <http://www.naturbokhandeln.se/>

**Compulsory subjects** during the course (obligatoriska moment):

1. All practicals, excursions, own project
2. The identification exam and written exam

**Lecture room:** Vitmossan.

### Course co-ordinators:

Dennis Hasselquist      Phone: 046-2223708 (work), 046-200832 (home), 070-4950289 (cell)  
Email: [dennis.hasselquist@biol.lu.se](mailto:dennis.hasselquist@biol.lu.se)

Anders Hedenström      Phone: 046-2224142 (work), 046-148460 (home), 070-689 1476 (cell)  
Email: [anders.hedenstrom@biol.lu.se](mailto:anders.hedenstrom@biol.lu.se)

Our rooms (DH in C256 and AH in A211) are located at the first floor of the Ecology Building.

Most welcome to this course!

Dennis Hasselquist, Anders Hedenström

### Teachers:

AH Anders Hedenström  
DH Dennis Hasselquist  
FH Fredrik Haas  
JÅN Jan-Åke Nilsson  
JD Juliana Dänhardt  
KL Keith Larson  
MG Martin Green  
ML Max Lundberg  
MS Martin Stervander  
SB Staffan Bensch  
SÅ Susanne Åkesson  
TA Thomas Alerstam  
ÅL Åke Lindström  
MStj Martin Stjernman

**Course schedule: Activity:** L=Lecture; P=Practice; EL=Excursion to Linnebjär, E=Excursion; A=Article seminar, [B] = institution mini-bus available

Day	Date	Time	Loc	Subject		Teacher
Wed	21.3	9-10.30 11-12 13-14.30 14.30 -	Vitmossan Vitmossan Vitmossan	Introduction Ornithology: an introduction Bird identification: principles & literature Own reading: Ch5, Ch6 (p142-64), Ch8 Optional reading in book: Ch 1-3	L L	DH,AH AH AH
Thur	22.3	9-10.15 10.30-12.30	Vitmossan Vitmossan	Flight Migration	L L	AH TA
Fri	23.3	9-10.15  10.45-12  13 -	Masklaven Kärret  Kärret Masklaven	Identification I Group I: bird skins Group II: identification exercise  Identification II Group I: identification exercise Group II: bird skins  Own reading: Ch9 (p245-55), Ch10 (p273-95)	P  P	AH,MS  AH,MS
Mon	26.3	9-10.45 11-12.15 13-14.15 14.15 -	Vitmossan Vitmossan Vitmossan	Bird song & calls Long-term field studies of color-ringed birds: the great reed warbler example How old are bird species? Own reading: Ch 19, Ch 11 (p307-319)	L L L	DH DH SB
Tue	27.3	9-12 13-14.30 14.45-16	Raggmossan Raggmossan Raggmossan	Identification practice III Visual communication & sexual select. Bird research in the field: examples from expeditions	P L L	AH,DH DH AH
Wed	28.3	8.30-10 10.3-11.45 13-14.15 14.15 -	Vitmossan Vitmossan Vitmossan Vitmossan	Bird Monitoring Bird Conservation Foraging in birds: theory Own reading: Ch12	L L L	ÅL ÅL AH
Thur	29.3	9-10 10.15-13	Vitmossan Vitmossan	Identification exam Mating systems	L	AH,DH DH
Fri	30.3	9-16		Own reading: Ch13, Ch 21(p635-8, 660-84), Ch10(p295-306), Ch15(445-62)		

	2-6	April		EASTER BREAK		
				Own reading: Ch16 (p 476-493), Ch 17		
Mon	9.4			Own reading: continued		
Tue	10.4	9-11.45 11.45-12.30 12.30 -	Vitmossan Vitmossan	Bird censusing Identification reexam Own reading: Ch 18 and articles to 16/4	L,P	MG AH
Wed	11.4	8-13	Excur	Linnebjär; censusing, nest boxes, ringing, phenology	EL	MG,DH,AH [B]
Thur	12.4	9-12 13-	Vitmossan	Life history in birds I Own reading: articles to 16/4	L	JÅN
Fri	13.4	8-13 13-	Excur	Linnebjär; censusing, nest boxes, ringing, phenology Own reading: articles to 16/4	EL	MS,FH,ML [B]
Mon	16.4	9-12 13-14 14.30-16	Vitm,Renlav Masklav Vitmossan Vitmossan	Article seminar I Sensory Ecology Orientation & Navigation	A L L	JÅN,DH,AH SÅ SÅ
Tue	17.4	8-13	Excur	Linnebjär; censusing, nest boxes, ringing, phenology	EL	MS,KL,ML [no B]
Wed	18.4	9-15 15.15-16.15	Vitmossan Vitmossan	Exercise: Data Analysis - Nest Boxes Birds in the hand: ageing and sexing	P L	DH, MS DH
Thur	19.4	8-13	Excur	Linnebjär; census, nest boxes, ringingK	EL	MS,KL,ML [B]
Fri	20.4	8-13 13-	Excur	Linnebjär; census, nest boxes, ringingK Own reading: articles to 23.4	EL	MS,KL,ML [B]
Mon	23.4	9-13 14 – 16.30	Kärret Kärret, Vitsippan	Exercise: Bird Monitoring Article seminar II	P A	ÅL,MStj DH,AH,ES
Tue	24.4	8-13 13-	Excur	Linnebjär; census, nest boxes, ringing Own reading: articles to 25.4	EL	KL,ML,DH [B]
Wed	25.4	9-12 13 – 15.30	Vit+Gulsippan, Vitmossan	Own reading: articles to 25.4 Article seminar III	A	DH,AH,ES

Thu	26.4	8-13	Excur	Linnebjär; census, nest boxes, ringingK	EL	KL,ML,AH [B]
Fri	27.4	8-13	Excur	Linnebjär; census, nest boxes, ringingK	EL	??,ML,AH [B]
Mon	30.4			30 April break		
Tue	1.5			1 May break		
Wed	2.5	8-13	Excur.	Linnebjär; census, nest boxes, ringingK	EL	MS,ML,FH [B]
Thur	3.5	8-13	Excur.	Linnebjär; census, nest boxes, ringingK	EL	MS,ML,FH [no B]
Fri	4.5	9-12 13 -	Maskrosen	Evaluation of censusing Preparation for exam	E	MG
Mon	7.5			Preparation for exam		
Tue	8.5	9-14	Ängen	Written exam	EL	DH, AH
Wed	9.5	8-14	Excur	Excursion: Krankesjön	E	DH,AH
Thu	10.5	9-11	Vitmassan	Own Projects - planning		DH, AH, superv.
Fri	11.5	07-18	Excur	Excursion: different habitats + E coast	E	DH,AH
Mon	14.5			Own Projects		
	to			Own Projects		[B] 15-18/5
Fri	18.5			Own Projects		
Mon	21.5			Own Projects continued		[no B]
	to			Own Projects		to
Fri	25.5			Own Projects		[no B]
Mon	28.5		Vitmassan	Own Projects – analysis & writing		
Tue	29.5		Vitmassan	Own Projects – analysis & writing		
Wed	30.5		Vitmassan	Own Projects – analysis & writing		
Thur	31.5	10.30 10.30-16	Vitmassan Vitmassan	<b>Hand in Own Projects</b> Preparation for presentation Own Proj		AH
Fri	1.6	9-15 15-16	Vitmassan Vitmassan	<b>Presentation of Own Projects</b> Course evaluation		AH, DH AH, DH
Mon	4.6					
Tue	5.6		Vitmassan	Reexam. Send in revised own project		