

Program Orientation EBC (based on the former module “Richness of the World”)

(1 – 12 September, 2013)

Naturalis Biodiversity Center (Naturalis)
Institute Biology Leiden (IBL)
Center for Environmental Sciences (CML)

<p>Venue: Sylvius Laboratories, Wassenaarseweg In room: 1.5.05 (mornings) and 1.4.01/06 (afternoons), <u>unless indicated otherwise.</u></p> <p>Course coordinator: Prof. Dr. Menno Schilthuizen (Naturalis). Contact: 06-22030313; menno.schilthuizen@naturalis.nl; http://science.naturalis.nl/schilthuizen</p> <p>Mini-projects (MPs) are done in groups of 2 - 3 students</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Teaching hours:</td> <td style="padding: 5px;">9.00 – 12.00 h. 13.00 – 17.00 h.</td> </tr> <tr> <td style="padding: 5px;">Lecture slots:</td> <td style="padding: 5px;">I: 9.00 – 9.45 h. II: 10.00 – 10.45 h. III: 11.00 – 11.45 h. IV: 12.30 – 13.15 h.</td> </tr> <tr> <td style="padding: 5px;">breaks:</td> <td style="padding: 5px;">9.45 – 10.00 h. 10.45 – 11.00 h. 11.45 – 12.30 h. 13.15 – 13.30 h.</td> </tr> <tr> <td style="padding: 5px;">Practicals:</td> <td style="padding: 5px;">14.00 – 17.00 h.</td> </tr> </table>	Teaching hours:	9.00 – 12.00 h. 13.00 – 17.00 h.	Lecture slots:	I: 9.00 – 9.45 h. II: 10.00 – 10.45 h. III: 11.00 – 11.45 h. IV: 12.30 – 13.15 h.	breaks:	9.45 – 10.00 h. 10.45 – 11.00 h. 11.45 – 12.30 h. 13.15 – 13.30 h.	Practicals:	14.00 – 17.00 h.
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Date	Theme	Lect.	Subject	Lecturer	Practical / afternoon activity
Mon. 1-09 Day 01	<i>Collections & Systematics</i>	I II III IV	<i>Welcome & General info for MSc students (in #####)</i> <i>Welcome & General info for MSc students (in #####)</i> <i>The History and Future of Taxonomy</i> <i>Field Work in the Tropics</i>	JoM + KvW KvW + MvD SU JV	No teaching program (opening academic year)
Tue. 2-09 Day 02	<i>Ecological and Evolutionary Patterns</i>	I II III IV	<i>Tour of LiveScience, (Naturalis, Darwinweg 2)</i> <i>Digitizing Collections (in LiveScience Hall, Naturalis)</i> <i>The Evolution Megalab</i> <i>Ecological patterns from collections</i>	BvA MvE MS TM	Field work: <i>Evolution Megalab</i> (MS) followed by pancake dinner (all lecturers) on bicycle; vicinity of Leiden

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Wed. 3-09 Day 03	Ecological and Evolutionary Patterns	I II III IV	<i>Character Evolution I: Chirality & Zoology</i> <i>Character Evolution II: Chirality & Botany</i> <i>Character Evolution III: Domestication</i> <i>Biodiversity Analysis</i>	MS BG KV JM	Field work: <i>Biodiversity analysis of Fungi (on bicycle; vicinity of Leiden; 2nd part of afternoon in 1.4.01/06)</i> (JN, LM, JM, MS)
Thu. 4-09 Day 04	Applications in Conservation	I II III	<i>Invasive Species: Theory and history</i> <i>Invasive Plants: Practice and Problems</i> <i>Invasive Marine Organisms</i>	WT LD AG	Test statistics background
Fri. 5-09 Day 05	Applications in Conservation	I II III IV	<i>Pollination Crisis</i> <i>Global Dragonfly Biodiversity Analysis</i> <i>Character Evolution by Behaviour</i> <i>Introduction to Behavioural Biology II</i>	KB VK CtC HS	Field practical Behavioural Biology?? (HS, CtC)
Mon. 8-09 Day 06	Palaeontology and Mini-Projects	I II III IV	<i>Basics of Palaeontology</i> <i>Basics of Palaeontology</i> <i>Hopping Hotspots of Biodiversity</i> Briefing of Mini-Project Subjects	SD SD WR BG, SD, JM, KB+TM, LM, HS	Mini-Projects
Tue. 9-09 Day 07			Mini-Projects (MPs)	BG, SD, JM, KB+TM, LM, HS	Mini-Projects (MPs)
Wed. 10-09 Day 08			Mini-Projects (MPs)	BG, SD, JM, KB+TM, LM, HS	Mini-Projects (MPs)
Thu. 11-09 Day 09			Mini-Projects (MPs)	BG, SD, JM, KB+TM, LM, HS	Mini-Projects (MPs)

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Fri. 12-09 Day 10		I	Preparing for presentations	all lecturers	13.30 – 16.00:
		II	Mini-Project Presentations		Research project market
		III	Mini-Project Presentations		(1.4.01/06 and 1.4.11/16)
		IV	Mini-Project Presentations		16.00 – 17.00: Drinks & snacks

BvA = Ben van Arkel (Naturalis)	HF = Hans Fransen (LU Science Library)	WR = Willem Renema (Naturalis)
KB = Koos Biesmeijer (Naturalis)	AG = Arjan Gittenberger (CML)	MS = Menno Schilthuizen (IBL & Naturalis)
CtC = Carel ten Cate (IBL)	BG = Barbara Gravendeel (CML)	HS = Hans Slabbekoorn (IBL)
MvD = Marjolijn van Delft (IBL)	VK = Vincent Kalkman (EIS, Naturalis)	WT = Wil Tamis (CML)
TM = Thibault De Meulemeester (Naturalis)	JoM = Johan Memelink (IBL)	SU = Sandrine Ulenberg (Naturalis)
LD = Leni Duistermaat (Naturalis)	JM = Jeremy Miller (Naturalis)	JV = Jaap Vermeulen (free-lance)
SD = Steve Donovan (Naturalis)	LM = Luis Morgado (Naturalis)	KV = Klaas Vrieling (IBL)
MvE = Marieke van Erp (VU Amsterdam)	JN = Jorinde Nuytink (Naturalis)	KvW = Karin van Wanrooij (IBL)