

Theme Session H

Evolutionary effects of exploitation on living marine resources

Conveners: Mikko Heino (Norway), Ulf Dieckmann (Austria), and Jeffrey A. Hutchings (Canada)

Agenda and Order of the Day

Thursday 21 September 10.00–12.30 (Room 0.4)

Thursday 21 September 13.30–15.30 (Room 0.4)

Thursday 21 September 16.00–18.00 (Room 0.4)

		Time
1.	Opening	10.00
2.	Introduction	10.00–10.10
3.	Presentation of Papers	10.10–12.30 13.30–15.30 16.00–18.00
<i>Code</i>	<i>Author(s) and title</i>	
H:06	<i>Marie-Joëlle Rochet: An overview of evolutionary effects of fishing on populations, and their implications for management</i>	10.10
H:11	<i>Ulf Dieckmann, Erin S. Dunlop, and Mikko Heino: Eco-genetic models: A new framework for understanding fisheries-induced evolution</i>	10.30
H:08	<i>Anna Gårdmark and Ulf Dieckmann: Size-dependent mortality causes divergent evolutionary responses in maturation size</i>	10.50
H:05	<i>David S. Boukal, André M. de Roos, and Lennart Persson: How does stochasticity affect evolutionary regime shifts in age and size at maturation?</i>	11.10
H:17	<i>Åke Brännström, Nicolas Loueille, Michel Loreau, and Ulf Dieckmann: Evolutionary consequences of harvesting in ecosystems</i>	11.30
H:12	<i>Shahaama Abdul Sattar, Christian Jørgensen, and Øyvind Fiksen: Effects of fisheries on energy- and sex-allocation in slow-growing hermaphrodites such as groupers</i>	11.50
H:18	<i>Katja Enberg, Erin S. Dunlop, Mikko Heino, and Ulf Dieckmann: Ecological and evolutionary recovery of exploited fish stocks</i>	12.10
	Lunch break	12.30
H:14	<i>Fabian M. Mollet, Sarah B. M. Kraak, and Adriaan D. Rijnsdorp: Fisheries-induced evolutionary change in the onset of maturation in North Sea sole (<i>Solea Solea</i>)</i>	13.30
H:19	<i>Loïc Baulier, Mikko Heino, George R. Lilly, and Ulf Dieckmann: Body condition and evolution of maturation of Atlantic cod in Newfoundland</i>	13.50
H:09	<i>Anssi Vainikka, A. Gårdmark, B. Bland, and J. Hjelm: Fishing-induced early reproduction at the cost of growth in the Baltic cod <i>Gadus morhua</i>?</i>	14.10
H:01	<i>A. I. Arkhipkin: Evolutionary effects of exploitation on short-living marine resources: nektonic squid <i>Illex argentinus</i> and <i>Loligo gahi</i> in the Southwest Atlantic</i>	14.30

H:07	<i>Oleg M. Lapshin, B. N. Kotenev, Y. G. Izumov, and Y. V. Gerasimov:</i> Morphological features of walleye pollock individuals from the different parts of a trawl	14.50
H:03	<i>A. T. Laugen:</i> Exploitation-induced changes in farmed stocks of Pacific oysters along the French Atlantic coast	15.10
	Coffee break	15.30
H:15	<i>Jeffrey A. Hutchings and Sherrylynn Rowe:</i> Potential consequences of reproductive behaviour and mating system complexity on fishery-induced evolution	16.00
H:04	<i>Ken H. Andersen, K. Farnsworth, U. H. Thygesen, and J. E. Beyer:</i> Management options for reversing depressed maturation-size in Baltic Cod	16.20
H:13	<i>Christian Jørgensen, Øyvind Fiksen, and Bruno Ernande:</i> Effects of different management regimes on harvest-induced life history evolution in Northeast Arctic cod	16.40
H:10	<i>Erin S. Dunlop, Marissa L. Baskett, Mikko Heino, and Ulf Dieckmann:</i> The propensity for marine reserves to slow the evolutionary effects of fishing	17.00
H:16	<i>Anne Maria Eikeset, Erin Dunlop, Eric Naevdal, Nils Chr. Stenseth, and Ulf Dieckmann:</i> A bio-economic model on fisheries-induced evolution in North-east arctic cod	17.20
	Discussion	17.40

Poster

H:20	<i>Fabio Fiorentino, F. Badalamenti, G. D'Anna, T. Fortibuoni, G. Garofalo, M. Gristina, and C. Pipitone:</i> Effects of a trawling ban on the life-history patterns of exploited fishes. The case of red mullet (<i>Mullus barbatus</i> , L. 1758) in the Gulf of Castellammare (north-western Sicily- Mediterranean)
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