

THEME SESSION Y
on
The Effects of Fishing on the Genetic Composition of Living Marine Resources

Agenda and Order of the Day

Tuesday 1 October 2002 11.30–12.30 (Forsamlingshuset)

Tuesday 1 October 2002 13.30–15.30 (Forsamlingshuset)

Tuesday 1 October 2002 16.00–17.30 (Forsamlingshuset)

	Time
1. Opening	11.30
2. Introduction <i>Olav Rune Godø</i>	
3. Presentation of papers	
Y:11 <i>Law, Richard</i> : Selective fishing and phenotypic evolution: past, present and future	11.35
Y:07 <i>Conover, David O., and Stephan B. Munch</i> : Darwinian fishery management: rapid evolution of somatic growth and yield in experimentally harvested marine fish populations	12.00
Y:14 <i>Heino, Mikko, Ulf Dieckmann, and Olav Rune Godø</i> : Reaction norm analysis of fisheries-induced adaptive change and the case of the Northeast Arctic cod	12.15
Lunch break	12.30
Y:16 <i>Trippel, Edward A., and Jarle Mork</i> : Long-term trends in heritable fish life-history traits: utility of correlation and regression analyses to disentangle environmental and genetic factors	13.30
Y:12 <i>Gårdmark, Anna</i> : Fisheries-induced long-term effects on genetic composition in mixed fisheries	13.45
Y:03 <i>Barot, S., M. Heino, L. O'Brien, and U. Dieckmann</i> : Reaction norms for age and size at maturation: study of the long-term trend (1970-1998) for Georges Bank and Gulf of Maine cod stocks	14.00
Y:04 <i>Grift, Rob, Adriaan Rijnsdorp, Sebastien Barot, Mikko Heino, and Ulf Dieckmann</i> : Trends in reaction norms for maturation in North Sea plaice	14.15
Y:10 <i>Engelhard, Georg H., and Mikko Heino</i> : Maturation characteristics in Norwegian spring-spawning herring before, during, and after a major population collapse	14.30
Y:15 <i>Haugen, Thron O., and Leif Asbjørn Vøllestad</i> : Effects of variable and size-selective gill-net fishing on life-history evolution in grayling	14.45
Y:09 <i>Izumov, Y. G., Y. V. Gerasimov, and Oleg M. Lapshin</i> : The effect of fishing on the walleye pollock phenotype composition	15.00

Y:05	<i>Tretyak, V. L.</i> : The impact of long-term overfishing on the abundance dynamics of early- and late-maturing Northeast Arctic cod	15.15
	Coffee break	15.30
Y:13	<i>Kenchington, Ellen, and Mikko Heino</i> : Maintenance of genetic diversity: challenges for management of marine resources	16.00
Y:06	<i>Ernande, Bruno, Ulf Dieckmann, and Mikko Heino</i> : Fisheries-induced changes in age and size at maturation and understanding the potential for selection-induced stock collapse	16.15
Y:08	<i>Dieckmann, Ulf, Mikko Heino, and Olav Rune Godø</i> : A quantitative genetics model for the evolution of maturation reaction norms in age- and size-structured populations	16.30
Y:02	<i>Rochet, Marie-Joëlle, and Stephan Munch</i> : A model for the evolution of growth and age at maturity in North Sea cod	16.45
Y:01	<i>Brander, Keith</i> : Is a utilitarian approach to the management of fisheries-induced adaptive change adequate and acceptable?	17.00
	Closing discussion	17.15
4.	End of Session	17.30