

Theme Session F

What plankton are fish really eating? Species and diets, availability and dependency

Conveners: Xabier Irigoien (Spain) and Christian Möllmann (Denmark)

Agenda and Order of the Day

Tuesday 19 September 11.30–12.30 (Room 2.1)

Tuesday 19 September 13.30–15.30 (Room 2.1)

Tuesday 19 September 16.00–18.00 (Room 2.1)

		Time
1.	Opening	11.30
2.	Introduction	
3.	Presentation of Papers	
<i>Code</i>	<i>Author(s) and title</i>	
F:05	<i>Sanna Rönkkönen, Sigrún Huld Jónasdóttir, Eveliina Lindén, Miina Karjalainen, and Markku Viitasalo: Zooplankton fatty acid composition in the Baltic Sea: spatial and interspecific variation</i>	11.35
F:15	<i>Jari-Pekka Pääkkönen, H. Peltonen, M. Karjalainen, J. Pönni, M. Vinni, and M. Viitasalo: Zooplankton-fish interactions in the Gulf of Finland, Baltic Sea: Results from the open sea cruises 2004–2005</i>	11.50
F:08	<i>Valeriy N. Feldman, Faina A. Patokina, and Natalia A. Kalinina: What herring and sprat can eat in the Baltic Sea and what they should eat: species and diets, daily rations and food demands</i>	12.05
F:02	<i>Ain Lankov, Leili Järv, Tiit Raid, Mart Simm, Timo Arula and Sergei Põlme: Perch and herring – different feeding strategies in early life history?</i>	12.20
	Lunch break	12.30
F:03	<i>Piotr Margonski, K. Horbowa, A. Grzyb, A. Krajewska-Soltys, and T. B. Linkowski: Food composition of herring larvae in the Vistula Lagoon (southern Baltic Sea): impact of hydrological factors and changes in zooplankton community structure</i>	13.30
F:06	<i>Irina Prokopchuk: Feeding of 0-group herring <i>Clupea harengus</i> (Linné) in the Barents Sea</i>	13.45
F:04	<i>Emma Orlova, G. B. Rudneva, A. V. Dolgov, N. G. Ushakov, L. L. Konstantinova, and N. G. Zhukova: Long-term dynamics of capelin feeding in the Barents Sea and decisive factors</i>	14.00
F:07	<i>John K. Pinnegar, Jeroen van der Kooij, Georg H. Engelhard, Julia L. Blanchard, Karema J. Warr, and David Righton: Small-scale variability in fish diet and whether or not this reflects local patterns of prey availability</i>	14.15
F:14	<i>William L. Rowlands, Mark Dickey-Collas, Audrey J. Geffen, and Richard D. M. Nash: Do gadoids really prefer <i>Calanus</i>? The prey selection through metamorphosis in Irish Sea cod (<i>Gadus morhua</i>), haddock (<i>Melanogrammus aeglefinus</i>) and whiting (<i>Merlangius merlangus</i>)</i>	14.30

F:16	<i>William L. Rowlands, Mark Dickey-Collas, Audrey J. Geffen, and Richard D. M. Nash: Prey size selection through larval development in the Irish Sea cod (<i>Gadus morhua</i>), haddock (<i>Melanogrammus aeglefinus</i>) and whiting (<i>Merlangius merlangus</i>)</i>	14.45
F:13	<i>Michael Shaw, Rabea Diekmann, Peter Bromley, David Righton, and Steve Milligan: Assessment of the diets of cod and whiting larvae in a frontal region close to the Norwegian trench: co-existence or competition?</i>	15.00
F:01	<i>Ivan Mateo: Application of the Wisconsin Bioenergetics Model to Georges Bank and Gulf of Maine Atlantic cod populations</i>	15.15
	Coffee break	15.30
F:10	<i>Monika Haugland, Jens Christian Holst, Marianne Holm, and Lars Petter Hansen: Feeding of Atlantic salmon (<i>Salmo salar</i> L.) postsmolts in the Northeast Atlantic</i>	16.00
F:12	<i>Herdis Langøy, Leif Nøttestad, Georg Skaret, Cecilie T. Å. Broms, and Anders Fernö: Feeding ecology of Atlantic mackerel (<i>Scomber scombrus</i>) in the Norwegian Sea</i>	16.15
F:17	<i>Susana Garrido, Maria Emilia Cunha, Paulo B. Oliveira, and Carl van der Lingen: Diet composition and feeding behaviour of Iberian sardine (<i>Sardina pilchardus</i>)</i>	16.30
F:11	<i>Hiroshi Kubota, Y. Oozeki, and R. Kimura: Evidence of niche segregation between mesopelagic fishes (Myctophidae and Gonostomatidae) and larval and juvenile Japanese anchovy from their gut contents and the diurnal vertical migration of prey zooplankton</i>	16.45
F:09	<i>E. Marquis, P. Petitgas, N. Niquil, and C. Dupuy: Influence of the small pelagic fish on the structure and functioning of the planktonic food web on the continental shelf of the Bay of Biscay</i>	17.00
	Posters	17.15
F:20	<i>Maria Manuel Angélico, Marta Silva, Fátima Quintela, and Susana Garrido: Observations on <i>Trachurus trachurus</i> diet and zooplankton community structure at two locations off the Portuguese coast</i>	
F:21	<i>Kristin Helle: Prey selection of early juvenile cod (<i>Gadus morhua</i> L.) in the Barents Sea</i>	
F:22	<i>Gunta Aispure: Daily feeding patterns and feeding rates of copepod <i>Limnocalanus macrurus</i> in the Bothnian Sea (Baltic Sea)</i>	
F:23	<i>Llona Zloch and Mariusz R. Sapot: Interspecific feeding relationship between <i>Pomatoschistus microps</i> and <i>Pomatoschistus minutus</i>, two sympatric co-existing goby species from the Gulf of Gdańsk (Southern Baltic)</i>	
F:24	<i>Súni Lamhauge: Predation of mesopelagic fish in Faroese waters</i>	
F:25	<i>T. Moura, I. Figueiredo, I. Farias, B. Serra-Pereira, A. Neves, L. Gordo, and M. F. Borges: Ontogenetic dietary shift and feeding strategy of <i>Raja undulata</i> in the Portuguese continental shelf</i>	
F:26	<i>E. J. Martino, E. D. Houde, and C. Lozano: Variability in dominant prey types of larval and juvenile stage striped bass in strong and poor recruitment years</i>	
	Discussion	17.45