

Theme Session B

Large-scale changes in the migration of small pelagic fish and the factors modulating such changes

(Co-sponsored by PICES)

Conveners: Jürgen Alheit (Germany), Dave Reid (UK), and Yoshiro Watanabe (Japan)

Agenda and Order of the Day

Friday 22 September 16.00–18.00 (Room 2.1)

		Time
1.	Opening	16.00
2.	Introduction	16.00
3.	Presentation of Papers	16.10
<i>Code</i>	<i>Author(s) and title</i>	
B:04	<i>Yoshiro Watanabe, Yoshioki Oozeki, and Hiroshi Nishida: Expansion and contraction of spawning ground of Japanese sardine in the last 25 years with resurgence and collapse of the spawning biomass</i>	16.10
B:09	<i>Yoshioki Oozeki, H. Kubota, A. Takasuka, and R. Kimura: Decadal shifts of spawning grounds of small pelagic fishes off the Pacific coast of Japan</i>	16.35
B:03	<i>Nancy C. H. Lo: Age-specific migration and availability of Pacific sardine (<i>Sardinops sagax</i>) off west coast of American continent</i>	17.00
B:02	<i>Rubén Rodríguez-Sánchez, Sofía Ortega-García, and Héctor Villalobos: Pacific sardine (<i>Sardinops caeruleus</i>) around the southern tip of the Baja California peninsula, Mexico and its relation to the interannual variability of the California Current</i>	17.20
B:12	<i>Mariano Gutierrez and F. Gerlotto: Alternation in the spatial distribution of sardine and anchovy in the Humboldt Current: effects of climate or behavioural interactions?</i>	17.40

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Saturday 23 September 09.30–11.00 (Room 2.1)

Saturday 23 September 11.30–13.30 (Room 2.1)

B:13	<i>Rodolfo Cornejo, Arnaud Bertrand, and Mariano Gutierrez:</i> Effects of the oxygen minimum zone on the distribution and behaviour of micronektonic acoustic back-scattering layers off Peru	09.30
B:11	<i>Janet C. Coetzee, Carl D. van der Lingen, Tracey Fairweather, and Laurence Hutchings:</i> Has fishing pressure caused a major shift in the distribution of South African Sardine?	09.50
B:05	<i>Alla Galaktionova, Alexander Sirota, and P. Chernyshkov:</i> Long-scale and seasonal shifts in distribution patterns of small pelagic fish off Northwest African coast related to environmental factors	10.10
B:15 Poster	<i>Remment ter Hofstede, Mark Dickey-Collas, I. Mantingh, and A. Wague:</i> The link between migration, the reproductive cycle and condition of <i>Sardinella aurita</i> off Mauritania, Northwest Africa	10.30
B:16 Poster	<i>Pablo Tjoe-awie, JaapJan Zeeberg, Ad Corten, Josep Coca, Bambay Hamady, and Ebaye Ould Mohamed Mahmoud:</i> The influence of ocean variability on the abundance and migration of small pelagic fish along the Northwest African shelf	10.35
B:06	<i>Valeriy N. Feldman, Tatiana G. Vasilieva, and Svetlana M. Kasatkina:</i> Large-scale and meso-scale changes in the migration and distribution of Baltic sprat in 1992–2005 and factors determining such changes	10.40
	Coffee break	11.00
B:08	<i>Jürgen Alheit:</i> Comparison of large-scale migrations of sardines, herring and anchovy in Pacific and European waters	11.30
B:14	<i>Dave Reid, A Eltink, C. J. Kelly, and M. Clark:</i> Long term changes in the pattern of the prespawning migration of the western mackerel (<i>Scomber scombrus</i>) since 1975, using commercial vessel data	11.55
B:01	<i>Ken Cooke, John Holmes, Guy Fleischer, Rebecca Thomas, and Patrick Ressler:</i> Distributional changes observed in the geographic range of Pacific hake (<i>Merluccius productus</i>) in association with ocean conditions off the Pacific Coast of Canada and the United States	12.15
B:10	<i>Geir Huse, Anders Fernö, and Jens Christian Holst:</i> Numerical domination and herring migrations	12.35
B:07	<i>Pierre Petitgas, Dave Reid, Benjamin Planque, Enrique Nogueira, Brendan O’Hea, and Unai Cotano:</i> The entrainment hypothesis: an explanation for persistence and innovation in spawning migrations and life cycle spatial patterns	12.55
B:17	<i>Dmitry A. Kozlov:</i> Particularities of the length composition of <i>Alfonsin Beryx splendens</i> Lowe, 1833 on seamounts of the northern part of the Atlantic Ocean	13.20
B:18 Poster	<i>Súni Lamhauge, Anatoly Filin, and Ivan Oganin:</i> Origin of <i>Notoscopelus kroeyeri</i> in the Northeast Atlantic	13.25