

Theme Session on Elasmobranch Fisheries Science (N)

Conveners: Maurice Clarke, Ireland, Henk Heessen, Netherlands, and Jim Ellis, UK

Agenda and Order of the Day

Friday 23 September 16.00–18.00 (Fleming Auditorium)

		Time
1.	Opening	16.00
2.	Introduction	
3.	Presentation of Papers	
<i>Code</i>	<i>Author(s) and title</i>	
N:02	<i>N. Baumgartner, Arkhipkin, A.I., Shcherbich, Z.N., and Brickle, P.: Age, growth and maturity of the broad nose skate, <i>Bathyraja brachyurops</i> (Fowler, 1910) and the gray tail skate, <i>Bathyraja griseocauda</i> (Norman, 1937) around the Falkland Islands</i>	16.00–16.15
N:21	<i>Michael J. Gallagher and Conor P. Nolan: Age, growth and maturity of four commercial bathyrigid species from the Falkland Islands' Interim Conservation Zone</i>	16.15–16.30
N:05	<i>Ron Heintz, Lawrence Schuafler, Mike Sigler, and Lee Hulbert: Fatty acid composition of sleeper shark (<i>Somniosus pacificus</i>) liver and muscle reveals nutritional dependence on planktivores</i>	16.30–16.45
N:27	<i>F.F. Litvinov and V.V. Laptikhovsky: The quantitative assessment of heterodonty in the blue shark <i>Prionace glauca</i> and its modification through the life history</i>	16.45–17.00
N:09	<i>Persefoni Megalofonou, Dimitris Damalas, and G. De Metro: Size, age and sexual maturity of blue shark, <i>Prionace glauca</i>, in the Mediterranean Sea</i>	17.00–17.15
N:12	<i>F. Serena, M. Barone, C. Mancusi, and A. J. Abella: Reproductive biology, growth and feeding habits of <i>Raja asterias</i> (Delaroche, 1809), from the north Tyrrhenian and Ligurian sea (Italy), with some notes on trends in landings</i>	17.15–17.30
N:17	<i>Bárbara Serra-Pereira, I. Figueiredo, P. Bordalo-Machado, I. Farias, T. Moura, and L. Serrano Gordo: Age and growth of <i>Raja clavata</i> Linnaeus, 1758 – evaluation of ageing precision using different types of caudal denticles</i>	17.30–17.45
N:26	<i>F.A. Patokina and F.F. Litvinov: Food composition and distribution of elasmobranchs on the shelf and upper slope of the Eastern Central Atlantic</i>	17.45–18.00

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Saturday 24 September 09.00–16.30 (Fleming Auditorium)

	Presentation of papers (cont.)	09.00
N:01	<i>Emma Jones, Doug Beare, Helen Dobby, and Kirsteen MacKenzie:</i> Comparison of trends in long-term survey data for <i>Squalus acanthias</i> with a preliminary stock assessment for this species	09.00–09.15
N:04	<i>J.C. Mahé and J.C. Poulard:</i> Spatial distribution and abundance trends of main elasmobranch species in the Bay of Biscay and Celtic Sea from bottom trawl surveys	09.15–09.30
N:06	<i>Niels Daan, Henk Heessen, and Remment ter Hofstede:</i> North Sea elasmobranchs: distribution, abundance and biodiversity	09.30–09.45
N:13	<i>Douglas P. Swain, H. P. Benoît, and T. R. Hurlbut:</i> Changes in the abundance, size and habitat associations of skates in the southern Gulf of St. Lawrence, 1971–2002	09.45–10.00
N:20	<i>F. Serena, C. Mancusi, M. Barone, and A. J. Abella:</i> Abundance and distribution of rays in the south Ligurian and north Tyrrhenian sea	10.00–10.15
N:23	<i>C. S. Martin, S. Vaz, B. Ernande, J. R. Ellis, P. D. Eastwood, F. Coppin, S. Harrop, G. J. Meaden, and A. Carpentier:</i> Spatial distributions (1989–2004) and preferential habitats of thornback ray and lesser spotted dogfish in the Eastern English Channel	10.15–10.30
	Coffee break	10.30–11.00
N:03	<i>Mark Meekan and Mike Cappo:</i> Non-destructive assessment of the effects of small-scale fisheries on tropical shark stocks	11.00–11.15
N:07	<i>Nils-Roar Hareide, Dominic Rihan, Myles Mulligan, Philip McMullen, Greta Garnes, Maurice Clark, Paul Connolly, Peter Tyndall, Robert Misund, Dag Furevik, Andrew Newton, Kjartan Høydal, Tom Blasdale, and Odd Børre Humborstad:</i> A preliminary investigation on shelf edge and deepwater fixed net fisheries to the west and north of Great Britain, Ireland, around Rockall and Hatton Bank	11.15–11.30
N:08	<i>Sarah Fowler and Charlotte B. Mogensen:</i> Why hasn't fisheries science enabled managers to implement precautionary elasmobranch management, and could other tools complement their efforts?	11.30–11.45
N:11	<i>Konstantin V. Dreventyak, A.V. Dolgov, K.M. Sokolov, E.V. Gusev, and A.A. Grekov:</i> Skates in the Barents Sea: stock status and catch by fishing fleet	11.45–12.00
N:22	<i>Graham Johnston and Maurice Clarke:</i> Separation of species data from national landing figures	12.00–12.15
N:25	<i>Francesco Ferretti, Ransom A. Myers, Fabrizio Serena, and Paolo Sartor:</i> Long-term dynamics of chondrichthyan fish community in the Upper Tyrrhenian Sea	12.15–12.30
	Lunch break	12.30–13.30

N:16	<i>Emma Jones, Maurice Clark, Helen Dobby, Doug Beare, Nolwenn Trinkler, Finlay Burns, Francis Neat, Paul Fernandes, and Kevin Peach: The potential impact of commercial fishing activity on the ecology of deepwater chondrichthyans from the west of Scotland</i>	13.30–13.45
N:24	<i>Edd Codling, Ciaran Kelly, and Maurice Clarke: Comparison of the effects of exploitation on theoretical long-lived fish species with different life-history strategies and the implications for management</i>	13.45–14.00
N:14	<i>Vladimir Laptikhovsky, Alexander Arkhipkin, Paul Brickle, and Joost Pompert: Biology and fishery of rays, <i>Bathyraja brachiurops</i> and <i>B. griseocauda</i> around the Falkland Islands</i>	14.00–14.15
N:18	<i>Bárbara Serra-Pereira, I. Figueiredo, P. Bordalo-Machado, I. Farias, T. Moura, and L. Serrano Gordo: Description of Portuguese mixed-fisheries with positive landings of <i>Raja brachyura</i> Lafont, 1873 and <i>Raja montagui</i> Fowler, 1910</i>	14.15–14.30
N:28	<i>Inês Farias, I. Figueiredo, B. Serra-Pereira, P. Bordalo-Machado, T. Moura and L. Serrano Gordo: Diet comparison of four ray species [<i>Leucoraja naevus</i> (Müller & Henle, 1841); <i>Raja brachyura</i> Lafont, 1873; <i>Raja clavata</i> Linnaeus, 1758 and <i>Raja montagui</i> Fowler, 1910] caught along the Portuguese continental coast</i>	14.30–14.45
	General discussions and summary, posters etc.	14.45–16:30

Posters

N:29	<i>Persefoni Megalofonou and A. Chatzisyrou: Observations on the biology and ecology of the deep sea shark, <i>Centrophorus granulosus</i>, in the eastern Mediterranean Sea</i>
N:30	<i>Rui Coelho, Ivone Figueiredo, Pedro Bordalo Machado, and Karim Erzini: Depth distribution of the velvet belly lantern shark, <i>Etmopterus spinax</i>, in southern Portugal</i>
N:31	<i>A. Rosa, M. Pinho, G. Menezes, and O. Melo: Deep-water elasmobranchs of the Azores: a vertical distribution</i>
N:19	<i>Juan Carlos Quiroz and Rodrigo Wiff: Demographic analysis and exploitation vulnerability of beaked skate (<i>Dipturus chilensis</i>) off the Chilean austral zone</i>