



Paper and presentation lists

- | <u>Paper #</u> | <u>Title</u> |
|-----------------------|--|
| 1. | Seasonal distribution and abundance of jack mackerel (<i>Trachurus murphyi</i>) eggs and larvae off northern Chile 1981-2007 Mauricio Braun (mbraun@ifop.cl) y Vivian Valenzuela. Instituto de Fomento Pesquero. <u><i>Information paper</i></u> |
| 2. | Distribution of early developmental stages of jack mackerel in the Southeastern Pacific ocean. Sergio Núñez, Sebastián Vásquez, Patricia Ruiz & Aquiles Sepúlveda. Instituto de Investigación pesquera (INPESCA) – Chile. <u><i>Information paper</i></u> |
| 3. | Genetic variation on mtDNA Cytb sequence of three populations of Chilean jack mackerel, <i>Trachurus murphyi</i> from the Southern Pacific. Min ZHANG·Yong-jiu XU ·Cheng-hui WANG. <u><i>Presentation</i></u> |
| 4. | Changes in the latitudinal and longitudinal distribution of the aggregations of Jack Mackerel (<i>Trachurus murphyi</i>) in the Peruvian sea during 1996-2007. Ericka Espinoza, Miguel Ñiquen y Roberto Flores. Instituto del Mar del Perú (IMARPE) – Perú. <u><i>Presentation</i></u> |
| 5. | Distribution and Concentration of jack mackerel (<i>trachurus murphyi</i>) related to oceanographical features between north Peru to north Chile. Ñiquen, M.A (mniquen@imarpe.gob.pe) y C.L. Peña. Instituto del Mar del Perú (IMARPE) – Perú. <u><i>Presentation</i></u> |
| 6. | Inter-annual and seasonal variability of oceanological conditions in the Southern Pacific Ocean in connection with the pelagic ecosystem structure. P.Chernyshkov*, E.Timokhin*, A. Glubokov**.(abstract available) <u><i>Presentation</i></u> |
| 7. | Jack mackerel (<i>trachurus murphyi</i>) distribution peculiarities in the high seas of the south pacific in relation to the population structure. Soldat V.T.*, Kolomeiko F.V*., Glubokov A.I. **, Nesterov A.A*.,Chernyshkov P.P. *, Timokhin E.N. * (abstract available) <u><i>Presentation</i></u> |
| 8. | Methodology employed for age determination in Chilean Jack Mackerel (<i>Trachurus murphyi</i>). V. Ojeda (vojeda@ifop.cl) , V. Bocic y L. Muñoz. Instituto de Fomento Pesquero (IFOP) - Chile. <u><i>Information paper</i></u> |
| 9. | Jack Mackerel (<i>Trachurus murphyi</i>) spatial distribution and seasonal acoustic biomass estimated in north of Chile. 1981 - 1990. Jorge Castillo P. (jcastillo@ifop.cl). Instituto de Fomento Pesquero (Blanco 839, Valparaíso, Chile). <u><i>Presentation</i></u> |
| 10. | Catch per Unit Effort of Jack Mackerel (<i>Trachurus murphyi</i>) of the purse seine fishery off south-central Chile (32°10' – 40°10' S) 1981-2005. Cristian Canales (ccanales@ifop.cl), L. Caballero y A. Aranís. Instituto de Fomento Pesquero (IFOP) Chile. <u><i>Presentation</i></u> |

11. **Jack Mackerel (*Trachurus Murphyi*, Nichols, 1920) acoustic survey in the central coast of Chile** José Córdova (jcordova@ifop.cl), Roberto Bahamonde and Victor Catasti. Instituto de Fomento Pesquero – IFOP- Chile. *Presentation*
12. **Catch size compositions for jack mackerel (*Trachurus murphyi*) off Chile (1975-2006)** Claudio Bernal (cbernal@ifop.cl), Antonio Aranís, Carlos Martínez, Cristian Canales. Instituto de Fomento Pesquero (IFOP)- Chile. *Information paper*
13. **Reproductive Parameters and Spawning Biomass of Jack Mackerel (*Trachurus murphyi*), in 1999-2006, determined by The Daily Egg Production Method.** Patricia Ruiz(1), Aquiles Sepúlveda(1), Luis Cubillos(2), Ciro Oyarzun(2), Javier Chong(3). (1) Instituto de Investigación pesquera (INPESCA) - Chile, (2) Universidad de Concepción-Chile. *Information paper*
14. **Short review of natural mortality and size at first maturity on jack mackerel (*Trachurus murphyi*) in the southeastern Pacific** Luis Cubillos (1), Claudio Gatica (2), Rodolfo Serra (3). (1) Universidad de Concepción, (2) Instituto de Investigación Pesquera y (3) IFOP-Chile *Information paper*
15. **Report of data collection on Jack mackerel in South-East Pacific.** Min Zhang, Xiaorong Zou, Yingqi Zhou* Shanghai Ocean University, China. *Information paper*
16. **Distribution changes and interactions of Jack Mackerel off Peru as observed using acoustics (1983-2006).** Mariano Gutiérrez (1), Arnaud Bertrand (2), Michael Ballón (2), Pepe Espinoza (3), Ana Alegre (3) and Francois Gerlotto (4). (1) TASA- Perú, (2) IRD – France, (3) IMARPE-Peru. *Presentation*
17. **Program Bio-oceanographic Research of resources Jack mackerel and Pacific mackerel in Peru.** Miguel Ñiquen Carranza (mniquen@imarpe.gob.pe) Instituto del Mar del Perú (IMARPE)- Perú. (abstract available) *Presentation*
18. **The fishery for jack mackerel in the Eastern Central Pacific by Dutch trawlers in 2007.** Ad Corten (adcorten@yahoo.co.uk). *Information paper*
19. **An overview of the New Zealand jack mackerel fishery: catch composition, catch trends, seasonality and length-frequency composition.** Andrew Penney (andrew.penney@fish.govt.nz). *Information paper*
20. **Chilean jack mackerel stock assessment model.** Cristian Canales (ccanales@ifop.cl) y Rodolfo Serra. Instituto de Fomento Pesquero (IFOP) - Chile. *Presentation*
21. **Maximum sustainable yield (MYS) and optimum effort of fishing of jack and pacific mackerel (*Trachurus murphyi*, *scomber japonicus*) in Perú (1997-2006).** Christian Garcia (cgarcia@imarpe.gob.pe). Instituto del Mar del Perú (IMARPE) – Perú. (abstract available) *Presentation*
22. **Preliminary estimation of current state of Chilean Jack Mackerel (*Trachurus murphyi*) stock in the high seas of the South East Pacific.** Dmitry Vasilyev (1), Alexander Glubokov (1) (glubokov@vniro.ru) and Doonam Kim.(2) (1) Russian Federal Research Institute of Fisheries and Oceanography (VNIRO), (2) National Fisheries Research and Development Institute (NFRDI), Busan, Rep. of Korea. *Presentation*

23. **Population structure of the Chilean jack mackerel, *Trachurus murphyi*, in the South Pacific Ocean: full proposal for discussion for an international joint research.** Rodolfo Serra (Chile) & Alexander Glubocov (Russia)
24. **Research and management of Chilean Jack Mackerel (*Trachurus murphyi*) exploited in the South East Pacific Ocean.** Government of Chile, Undersecretariat for Fisheries.
25. **Updated Status of the Chilean Jack Mackerel Stock** (presented in 5th Conference SPRFMO, Guayaquil 2008). C. Canales & R. Serra, 2008.
26. **Chilean Jack Mackerel, Jack Mackerel and Unspecified Mackerel and Vessel Data Received by the Interim Secretariat to Date (as at 1 July 08).** Susie Iball, Interim Secretariat of South Pacific regional Fisheries Management.

Presentation #

Monday Session

1. **Horse Mackerel (*Trachurus trachurus*) Stock Identification Research (EU-Project HOMSIR): “A multidisciplinary approach using genetic markers and biological tags in horse mackerel (*Trachurus trachurus*) stock structure analysis”** Presented by Pablo Abaunza.
2. **Distribution of Chilean jack mackerel eggs and larvae in the southeastern Pacific Ocean.** Presented by Aquiles Sepúlveda.
3. **Genetic variation on mtDNA Cytb sequence of three populations of Chilean jack mackerel (*Trachurus murphyi*) from the Southern Pacific.** Presented by Yingqi Zhou.
4. **Changes in the latitudinal and longitudinal distribution of the aggregations of jack mackerel (*Trachurus murphyi*) in the Peruvian sea during 1996 – 2007.** Presented by Miguel Ñiquen.
5. **Distribution and concentration of jack mackerel (*Trachurus murphyi*) related to oceanographical features between north Peru to north Chile.** Presented by Miguel Ñiquen.
6. **Inter-annual and seasonal variability of oceanological conditions in the Southern Pacific Ocean.** Presented by Pavel Chernyshkov
7. **Jack mackerel (*Trachurus murphyi*) distribution peculiarities in the high seas of the South Pacific in relation to the population structure.** Presented by Alexander Glubokov.
8. **Research and management of Chilean Jack Mackerel exploited in the South East Pacific Ocean.** Presented by María Angela Barbieri.
9. **Overview of the New Zealand Jack Mackerel Fishery.** Presented by Andrew Penney.
10. **An hypothesis on the stock identity of jack mackerel in the South Pacific.** Presented by Teobaldo Dioses.

Tuesday Session

11. **Jack Mackerel (*Trachurus murphyi*) spatial distribution and seasonal acoustic biomass estimated in the north of Chile. 1981 - 1995; 2006-2007.** Presented by Jorge Castillo.
12. **Evaluaciones hidroacusticas de jurel en la zona centro-sur (33°– 42° S) de Chile (1997-2007).** Presented by Jorge Castillo.
13. **Distribution changes and interactions of Jack Mackerel off Peru as observed using acoustics (1983-2008)** Presented by Mariano Gutierrez.
14. **Reproductive Parameters and Spawning Biomass of Chilean Jack Mackerel (*Trachurus murphyi*) in 1999-2006, determined by The Daily Egg Production Method.** Presented by Aquiles Sepúlveda.
15. **Report of data collection on Jack mackerel in South-East Pacific.** Presented by Yingqi Zhou.
16. **Catch compositions for jack mackerel (*Trachurus murphyi*) off Chile (1975 – 2006)** Presented by Claudio Bernal.
17. **The fishery for jack mackerel in the Eastern Central Pacific by trawlers from the European Union in 2007.** Presented by Ad Corten
18. **Catch per Unit Effort of Chilean Jack Mackerel (*Trachurus murphyi*) of the purse seine fishery off south-central Chile (32°10' – 40°10' S) 1981-2005.** Presented by Cristián Canales.
19. **Program “Bioceanographical research of resources jack mackerel and Pacific mackerel in Peru”.** Presented by Miguel Ñiquen.
20. **Chilean jack mackerel, jack mackerel and unspecified jack mackerel and vessel data received by the Interim Secretariat to date (as at 1 July 08).** Presented by Susie Iball.

Wednesday Session

21. **Assessment approaches when spatial distribution adds uncertainty to stock structure.** Presented by James Ianelli.
22. **Chilean jack mackerel stock assessment model.** Presented by Cristián Canales.
23. **Maximum sustainable yield (MSY) and optimum effort of fishing of jack mackerel (*Trachurus murphyi*) and pacific mackerel (*Scomber japonicus*) in Peru (1997-2006)** Presented by Miguel Ñiquen.
24. **Preliminary estimation of current state of Chilean Jack Mackerel (*Trachurus murphyi*) stock in the high seas of the South East Pacific.** Presented by Dmitry Vasiliev

Thursday Session

25. **Population structure of the jack mackerel, *Trachurus murphyi*, in the South Pacific Ocean: regional joint research proposal.** Presented by Rodolfo Serra.