BIO Paper Session

Session Convenor: Vladimir I. Radchenko (Russia)

Papers on all aspects of biological oceanography in the North Pacific and its marginal seas are invited.

Thursday, October 21, 2004 8:30-12:00

08:30-08:50 **Sean Toczko, J. Nishikawa and N. Nishida**
Structure and trophic ecology of the micronektonic crustacean assemblage in the subarctic Pacific and Bering Sea (BIO_P-2128)

08:50-09:10 **Kaoru Nakata, Hiroshi Itoh, Kiyo Kurita and Hiroshi Kiyosawa**
Seasonality in the oncaeid copepods in the epipelagic layers of the subtropical water off Kuroshio (BIO_P-1840)

09:10-09:30 **Hye Seon Kim, Ho Young Soh, Yang Ho Yoon, Doojin Hwang and Sang Duk Choi**
Molecular population structure of the euphausiid *Pseudeuphausia sinica* from the Northeastern Asia (BIO_P-2064)

09:30-09:50 **Chuan-Lin Huo, Geng-Chen Han, Ju-Ying Wang and Dao-Ming Guan**
Monitoring biological effects of contamination in fat greenling *Hexagrammos otakii* along the Dalian coast by measurement of EROD activity (BIO_P-1778)

09:50-10:10 **Coffee break**

10:10-10:30 **Vitali Dudarev and Vadim Savinikh**
On the fluctuations of sardine-iwashi abundance (BIO_P-1812)

10:30-10:50 **Alexey A. Baytalyuk and Vadim F. Savinykh**
Abundance dynamics of pacific saury (*Cololabis saira*) in the northwestern Pacific Ocean (BIO_P-2078)

10:50-11:10 **Felipe Amezcua, Ivan Martínez-Tovar and Yanira Green**
Use of otoliths to determine the age and growth of two subtropical flatfishes, *Cyclopsetta querna*, and *Cyclopsetta panamensis* (Pleuronectiformes: Paralichthyidae), off the southeast coast of the Gulf of California, Mexico (BIO_P-1835)

11:10-11:30 **Robert Suryan, David Irons, Evelyn Brown, Patrick Jodice and Daniel Roby**
Site-specific factors affecting productivity of an upper trophic level marine predator: Bottom-up, top-down, and mismatch effects on reproduction in a colonial seabird (BIO_P-2059)

11:30-11:50 **Discussion, recommendations for BIO Committee**

Posters

Tatyana A. Belan, Elena V. Oleynik, Valentina D. Budaeva, Luisa N. Propp, Marina S. Selina, Vyacheslav G. Makarov and Ludmila S. Belan
Productivity of pelagic communities and distribution patterns of benthos on the continental shelf and slope of the Okhotsk Sea along NE Sakhalin Island (BIO_P-1781)

Eun Seob Cho
PCR-based assays for detecting ichthyotoxic *Cochlodinium polykrikoides* (Gymnodiniales, Dinophyceae) in the South Sea of Korea (BIO_P-1980)

Hung-Yen Hsieh, Wen-Tseng Lo, Don-Chung Liu and Wei-Cheng Su
Spatial distribution of fish larvae in relation to hydrographic conditions in the waters around Taiwan (BIO_P-1912)

Morio Ichihara, Kazushi Miyashita, Hiroto Murase, Hikaru Watanabe and Shigeyuki Kawahara
Acoustic visualization of the relationship between ocean structure and the vertical distribution of biota in the Kuroshio-Oyashio Transition Zone (KOTZ) (BIO_P-2101)

Tsutomu Ikeda, Fumikazu Sano and Atsushi Yamaguchi
Metabolic characteristics of meso- and bathypelagic copepods in the Oyashio region, western North Pacific Ocean (BIO_P-1888)

Sam Geon Lee and Seung Heo
The distribution of modern dinoflagellate cysts in the Yellow Sea (BIO_P-1958)

Vladimir I. Dulepov and Natalia N. Lelyukh
Study of macrobenthos communities in Peter the Great Bay using an underwater vehicle (BIO_P-1965)

Akihiro Shiomoto, Kosei Sasaoka, Mitsuhiro Toratani and Shinji Hashimoto
Relatively high chlorophyll *a* spots in the offshore subarctic North Pacific in summer (BIO_P-1844)

Tao Zuo and Rong Wang
Community structure of zooplankton in the East China Sea and the Yellow Sea (BIO_P-1770)