

Canadian Journal of Fisheries and Aquatic Sciences

Volume 68, Number 7, July 2011

Journal canadien des sciences halieutiques et aquatiques

Volume 68, numéro 7, juillet 2011

RAPID COMMUNICATION

- C. Michael Wagner, Eric M. Stroud,
and Trevor D. Meckley 1157–1160

ARTICLES

- Jonathan W. Moore, Sean A. Hayes,
Walter Duffy, Sean Gallagher,
Cyril J. Michel, and David Wright 1161–1170
- Shijie Zhou, André E. Punt, Roy Deng,
and Janet Bishop 1171–1181
- Ming Feng, Nick Caputi, James Penn,
Dirk Slawinski, Simon de Lestang,
Evan Weller, and Alan Pearce 1182–1196
- Even Moland, Esben Moland Olsen,
Kristian Andvord, Jan Atle Knutsen,
and Nils Chr. Stenseth 1197–1210
- Sergiusz J. Czesny, Jacques Rinchard,
S. Dale Hanson, John M. Dettmers, and
Konrad Dabrowski 1211–1230

COMMUNICATION RAPIDE

- A deathly odor suggests a new sustainable tool for
controlling a costly invasive species

ARTICLES

- Nutrient fluxes and the recent collapse of coastal California
salmon populations
- Estimating multifleet catchability coefficients and natural
mortality from fishery catch and effort data: comparison of
Bayesian state-space and observation error models
- Ocean circulation, Stokes drift, and connectivity of western
rock lobster (*Panulirus cygnus*) population
- Home range of European lobster (*Homarus gammarus*) in a
marine reserve: implications for future reserve design
- Fatty acid signatures of Lake Michigan prey fish and
invertebrates: among-species differences and spatiotemporal
variability

Continued on inside back cover / Suite au verso



Front cover: Ihoko Saito/Toshiyuki Tajima/Dex Image/Getty Images.

Page couverture : Ihoko Saito/Toshiyuki Tajima/Dex Image/Getty Images.

Taina Honkalehto, Patrick H. Ressler, Richard H. Towler, and Christopher D. Wilson	1231–1242	Using acoustic data from fishing vessels to estimate walleye pollock (<i>Theragra chalcogramma</i>) abundance in the eastern Bering Sea
Susan Dean, Claudio DiBacco, and Robert Scott McKinley	1243–1251	Assessment of stable isotopic signatures as a means to track the exchange of sea lice (<i>Lepeophtheirus salmonis</i>) between host fish populations
David Peel and Norman M. Good	1252–1264	A hidden Markov model approach for determining vessel activity from vessel monitoring system data
Vardit Makler-Pick, Gideon Gal, James Shapiro, and Matthew R. Hipsey	1265–1284	Exploring the role of fish in a lake ecosystem (Lake Kinneret, Israel) by coupling an individual-based fish population model to a dynamic ecosystem model
Mark N. Maunder and Richard B. Deriso	1285–1306	A state-space multistage life cycle model to evaluate population impacts in the presence of density dependence: illustrated with application to delta smelt (<i>Hypomesus transpacificus</i>)