

## Article

- Fishing power and standardized catch rates: implications of missing vessel-characteristic data from the Australian eastern king prawn (*Melicertus plebejus*) fishery** 

J.M. Braccini, M.F. O'Neill, A.B. Campbell, G.M. Leigh, A.J. Courtney

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 797-809, [» Abstract](#)  
10.1139/f2012-023

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- Will environmental calcium declines hinder *Bythotrephes* establishment success in Canadian Shield lakes?** 

Natalie Kim, Bjørn Walseng, Norman David Yan

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 810-820, [» Abstract](#)  
10.1139/f2012-024

Full Text PDF (287 K) PDF Plus (306 K)

- Unravelling the effects of water temperature and density dependence on the spatial variation of brown trout (*Salmo trutta*) body size** 

Irene Parra, Ana Almodóvar, Daniel Ayllón, Graciela G. Nicola, Benigno Elvira

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 821-832, [» Abstract](#)  
10.1139/f2012-025

Full Text PDF (906 K) PDF Plus (368 K)

- Historical spatiotemporal dynamics of eastern North Sea cod** 

Valerio Bartolino, Massimiliano Cardinale, Henrik Svedäng, Hans W. Linderholm, Michele Casini, Anders Grimwall

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 833-841, [» Abstract](#)  
10.1139/f2012-028


Full Text PDF (461 K) PDF Plus (523 K) Supplementary data

- Genetic connectivity of the reef fish *Lutjanus kasmira* at the scale of the western Indian Ocean** 

D. Muths, G. Gouws, M. Mwale, E. Tessier, J. Bourjea

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 842-853, [» Abstract](#)  
10.1139/f2012-012

Full Text PDF (579 K) PDF Plus (358 K) Supplementary data

- Resonance classification of mixed assemblages of fish with swimbladders using a modified commercial broadband acoustic** 

**echosounder at 1–6 kHz**

Timothy K. Stanton, Cynthia J. Sellers, J. Michael Jech

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 854-868,  
10.1139/f2012-013[» Abstract](#)

Full Text    PDF (595 K)    PDF Plus (657 K)

- Using electronic tag data to improve mortality and movement estimates in a tag-based spatial fisheries assessment model** 

J. Paige Eveson, Marinelle Basson, Alistair J. Hobday

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 869-883,  
10.1139/f2012-026[» Abstract](#)

Full Text    PDF (616 K)    PDF Plus (682 K)    Supplementary data

- Environmental factors correlate with hybridization in stocked brook charr (*Salvelinus fontinalis*)** 

Amandine D. Marie, Louis Bernatchez, Dany Garant

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 884-893,  
10.1139/f2012-027[» Abstract](#)

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- Use of a marine reserve to determine the direct and indirect effects of fishing on growth in a New Zealand fishery for the spiny lobster *Jasus edwardsii*** 

Debbie J. Freeman, Paul A. Breen, Alison B. MacDiarmid

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 894-905,  
10.1139/f2012-032[» Abstract](#)

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- Estimating westslope cutthroat trout (*Oncorhynchus clarkii lewisi*) movements in a river network using strontium isoscapes** 

Clint C. Muhlfeld, Simon R. Thorrold, Thomas E. McMahon, Brian Marotz

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 906-915,  
10.1139/f2012-033[» Abstract](#)

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- Allele frequency stability in large, wild exploited populations over multiple generations: insights from Alaska sockeye salmon (*Oncorhynchus nerka*)** 

Daniel Gomez-Uchida, James E. Seeb, Christopher Habicht, Lisa W. Seeb

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 916-929,  
10.1139/f2012-029[» Abstract](#)

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**Identifying river of origin for age-0 *Scaphirhynchus* sturgeons in the Missouri and Mississippi rivers using fin ray microchemistry** 

Quinton E. Phelps, Gregory W. Whittedge, Sara J. Tripp, Kurt T. Smith, James E. Garvey, David P. Herzog, David E. Ostendorf, Joseph W. Ridings, Jason W. Crites, Robert A. Hrabik, Wyatt J. Doyle, Tracy D. Hill

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 930-941,  
10.1139/f2012-038

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**A Bayesian hierarchical model of size-at-age in ocean-harvested stocks — quantifying effects of climate and temporal variability** 

William Hallowell Satterthwaite, Michael Steven Mohr, Michael Robert O'Farrell, Brian Kenneth Wells

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 942-954,  
10.1139/f2012-036


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**Relationship of water column stability to the growth, condition, and survival of pink salmon (*Oncorhynchus gorbuscha*) in the northern coastal Gulf of Alaska and Prince William Sound** 

Sara E. Miller, Milo Adkison, Lewis Haldorson

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 955-969,  
10.1139/f2012-031

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**The influence of population dynamics and environmental conditions on pink salmon (*Oncorhynchus gorbuscha*) recolonization after barrier removal in the Fraser River, British Columbia, Canada** 

G.R. Pess, R. Hilborn, K. Kloehn, T.P. Quinn

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 970-982,  
10.1139/f2012-030

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## Perspective

**Predicting the interactions between “ecologically equivalent” indigenous and nonindigenous brachyurans** 

Erin Breen, Anna Metaxas

*Canadian Journal of Fisheries and Aquatic Sciences*, 2012, 69(5): 983-995,  
10.1139/f2012-037

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