

Canadian Journal of Fisheries and Aquatic Sciences

Volume 68, Number 8, August 2011

Journal canadien des sciences halieutiques et aquatiques

Volume 68, numéro 8, août 2011

ARTICLES

Njal Rollinson and
Jeffrey A. Hutchings

1307–1315

Peter S. Levi, Jennifer L. Tank,
Scott D. Tiegs, Janine Rüegg,
Dominic T. Chaloner, and
Gary A. Lamberti

1316–1329

Kelton W. McMahon,
Marilyn L. Fogel, Beverly J. Johnson,
Leah A. Houghton, and
Simon R. Thorrold

1330–1340

Sean A. Hayes, Morgan H. Bond,
Chad V. Hanson, Andrew W. Jones,
Arnold J. Ammann, Jeffrey A. Harding,
Alison L. Collins, Jeffrey Perez, and
R. Bruce MacFarlane

1341–1350

Gretta T. Pecl, Sean R. Tracey,
Leonid Danyushevsky,
Simon Wotherspoon, and
Natalie A. Moltschaniwskyj

1351–1360

M. Joanne Morgan,
Alfonso Perez-Rodriguez, and
Fran Saborido-Rey

1361–1368

ARTICLES

Why does egg size of salmonids increase with the mean size of population spawning gravels?

Does timber harvest influence the dynamics of marine-derived nutrients in Southeast Alaska streams?

A new method to reconstruct fish diet and movement patterns from $\delta^{13}\text{C}$ values in otolith amino acids

Down, up, down and “smolting” twice? Seasonal movement patterns by juvenile steelhead (*Oncorhynchus mykiss*) in a coastal watershed with a bar closing estuary

Elemental fingerprints of southern calamary (*Sepioteuthis australis*) reveal local recruitment sources and allow assessment of the importance of closed areas

Does increased information about reproductive potential result in better prediction of recruitment?

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.

Amanda J. Finger, Eric C. Anderson, Molly R. Stephens, and Bernard P. May	1369–1386	Application of a method for estimating effective population size and admixture using diagnostic single nucleotide polymorphisms (SNPs): implications for conservation of threatened Paiute cutthroat trout (<i>Oncorhynchus clarkii seleniris</i>) in Silver King Creek, California
Richard Hillary	1387–1407	Bayesian integrated survey-based assessments: an example applied to North Sea herring (<i>Clupea harengus</i>) survey data
Joshua Kurek, Russ C. Weeber, and John P. Smol	1408–1419	Environment trumps predation and spatial factors in structuring cladoceran communities from Boreal Shield lakes
Anders Løland, Magne Aldrin, Gunnhildur Högnadóttir Steinbakk, Ragnar Bang Huseby, and Jon Arne Grøttum	1420–1434	Prediction of biomass in Norwegian fish farms
Oswaldo J. Sepulveda-Villet and Carol A. Stepien	1435–1453	Fine-scale population genetic structure of the yellow perch <i>Perca flavescens</i> in Lake Erie
Jean Le Fur, Athanase Guilavogui, and Antoine Teitelbaum	1454–1469	Contribution of local fishermen to improving knowledge of the marine ecosystem and resources in the Republic of Guinea, West Africa
Helge Skoglund, Sigurd Einum, Torbjørn Førseth, and Bjørn Torgeir Barlaup	1470–1479	Phenotypic plasticity in physiological status at emergence from nests as a response to temperature in Atlantic salmon (<i>Salmo salar</i>)
William O. Hobbs, Rolf D. Vinebrooke, and Alexander P. Wolfe	1480–1494	Biogeochemical responses of two alpine lakes to climate change and atmospheric deposition, Jasper and Banff National parks, Canadian Rocky Mountains
Welles D. Bretherton, John S. Kominoski, Dylan G. Fischer, and Carri J. LeRoy	1495–1506	Salmon carcasses alter leaf litter species diversity effects on in-stream decomposition
	CORRIGENDA	RECTIFICATIFS
Nathan G. Taylor, Carl J. Walters, and Steven J.D. Martell	1507	Corrigendum: A new likelihood for simultaneously estimating von Bertalanffy growth parameters, gear selectivity, and natural and fishing mortality
Taina Honkalehto, Patrick H. Ressler, Richard H. Towler, and Christopher D. Wilson	1508–1509	Corrigendum: Using acoustic data from fishing vessels to estimate walleye pollock (<i>Theragra chalcogramma</i>) abundance in the eastern Bering Sea
Seth J. Wenger, Daniel J. Isaak, Jason B. Dunham, Kurt D. Fausch, Charles H. Luce, Helen M. Neville, Bruce E. Rieman, Michael K. Young, David E. Nagel, Dona L. Horan, and Gwynne L. Chandler	1510	Corrigendum: Role of climate and invasive species in structuring trout distributions in the interior Columbia River Basin, USA