

## Fisheries management

- 1081 Impact of increasing deployment of artificial floating objects on the spatial distribution of social fish species  
*G. Sempo, L. Dagorn, M. Robert and J.-L. Deneubourg*
- 1093 Steelhead vulnerability to climate change in the Pacific Northwest  
*A. A. Wade, T. J. Beechie, E. Fleishman, N. J. Mantua, H. Wu, J. S. Kimball, D. M. Stoms and J. A. Stanford*

## Climate change

- 1105 A scenario for impacts of water availability loss due to climate change on riverine fish extinction rates  
*P. A. Tedesco, T. Oberdorff, J.-F. Cornu, O. Beauchard, S. Brosse, P. A. Dür, G. Grenouillet, F. Leprieur, C. Tisseuil, R. Zaiss and B. Hugueny*
- 1116 Evaluating breeding and metamorph occupancy and vernal pool management effects for wood frogs using a hierarchical model  
*A. W. Green, M. B. Hooten, E. H. Campbell Grant and L. L. Bailey*
- 1124 **FORUM:** Sustaining ecosystem functions in a changing world: a call for an integrated approach  
*H. Tomimatsu, T. Sasaki, H. Kurokawa, J. R. Bridle, C. Fontaine, J. Kitano, D. B. Stouffer, M. Vellend, T. M. Bezemer, T. Fukami, E. A. Hadly, M. G. A. van der Heijden, M. Kawata, S. Kéfi, N. J. B. Kraft, K. S. McCann, P. J. Mumby, T. Nakashizuka, O. L. Petchey, T. N. Romanuk, K. N. Suding, G. Takimoto, J. Urabe and S. Yachi*

## Ecosystem function and resilience

- 1131 Assessing resilience and state-transition models with historical records of cheatgrass *Bromus tectorum* invasion in North American sagebrush-steppe  
*S. Bagchi, D. D. Briske, B. T. Bestelmeyer and X. B. Wu*
- 1142 Decomposer communities in human-impacted streams: species dominance rather than richness affects leaf decomposition  
*M. Tolkkinen, H. Mykrä, A.-M. Markkola, H. Aisala, K.-M. Vuori, J. Lumme, A. M. Pirttilä and T. Muotka*
- 1152 Streams are efficient corridors for plant species in forest metacommunities  
*E. Araujo Calçada, D. Closset-Kopp, E. Gallet-Moron, J. Lenoir, M. Rêve, M. Hermy and G. Decocq*

## Urban ecology

- 1161 **FORUM:** Sharing or sparing? How should we grow the world's cities?  
*B. B. Lin and R. A. Fuller*
- 1169 **FORUM:** Challenges and future directions in urban afforestation  
*E. E. Oldfield, R. J. Warren, A. J. Felson and M. A. Bradford*

## Forestry and fire management

- 1178 Successional specialization in a reptile community cautions against widespread planned burning and complete fire suppression  
*A. L. Smith, C. M. Bull and D. A. Driscoll*
- 1187 Floristic diversity in fire-sensitive eucalypt woodlands shows a 'U'-shaped relationship with time since fire  
*C. R. Gosper, C. J. Yates and S. M. Prober*
- 1197 **REVIEW:** Charcoal function and management in boreal ecosystems  
*S. Hart and N. Luckai*

## Disease control

- 1207 The Trojan hives: pollinator pathogens, imported and distributed in bumblebee colonies  
*P. Graystock, K. Yates, S. E. F. Evison, B. Darvill, D. Goulson and W. O. H. Hughes*
- 1216 Modelling the spatial spread of a homing endonuclease gene in a mosquito population  
*A. North, A. Burt and H. C. J. Godfray*
- 1226 Can restoration of afforested peatland regulate pests and disease?  
*L. Gilbert*

## Restoration

- 1234 **EDITOR'S CHOICE:** Confronting contingency in restoration: management and site history determine outcomes of assembling prairies, but site characteristics and landscape context have little effect  
*E. Grman, T. Bassett and L. A. Brudvig*
- 1244 Mosquitofish dominate amphibian and invertebrate community development in experimental wetlands  
*C. D. Shulse, R. D. Semlitsch and K. M. Trauth*
- 1257 Fast-growing pioneer tree stands as a rapid and effective strategy for bracken elimination in the Neotropics  
*D. Douterlungne, E. Thomas and S. I. Levy-Tacher*
- 1266 Soil aggregate stability increase is strongly related to fungal community succession along an abandoned agricultural field chronosequence in the Bolivian Altiplano  
*J. Duchicela, T. S. Sullivan, E. Bontti and J. D. Bever*

## Agro-ecology

- 1274 **FORUM:** Landscape-scale conservation: collaborative agri-environment schemes could benefit both biodiversity and ecosystem services, but will farmers be willing to participate?  
*A. J. McKenzie, S. B. Emery, J. R. Franks and M. J. Whittingham*
- 1281 Aphid performance and population development on their host plants is affected by weed-crop interactions  
*I. Dahlin and V. Ninkovic*