

## EDITORIAL

**Editorial: 2008 year in review**

2008 was an eventful inaugural year for *Evolutionary Applications*. We published four issues comprising 45 papers in total, including the special issue: *Evolutionary Perspectives on Salmonid Conservation and Management*. Wiley-Blackwell sponsored an Evolutionary Applications symposium at the Canadian Society of Ecology and Evolution annual meeting in Vancouver (May), and hosted an official *Evolutionary Applications* launch reception at the SSE annual meeting in Minneapolis (June). The journal received much press coverage, and was featured in both *Nature* and *New Scientist*.

The year was successfully capped with the acceptance of the journal for full indexing in ISI. The Editorial team would like to thank the scientific community for their overwhelming support of this new and unique journal. Undoubtedly this support, as well as the official endorsement of the journal by both the Society for the Study of Evolution, and the European Society for Evolutionary Biology (ESEB), contributed to the exceptionally rapid acceptance of the journal into ISI.

In 2008, *Evolutionary Applications* published papers in most of the fields listed on our website

**Table 1.** Subjects covered in 2008 in *Evolutionary Applications*.

Topic	References
Agriculture and forestry	Broadhurst et al. 2008; Friedman et al. 2008; Mercer et al. 2008
Anthropogenic disturbances	Angilletta et al. 2008; Carlson and Seamons 2008; Einum et al. 2008; Haugen et al. 2008; McClure et al. 2008a; Waples et al. 2008; Williams et al. 2008; Wood et al. 2008
Climate change	Aitken et al. 2008; Bell and Collins 2008; Crozier et al. 2008; Purcell et al. 2008
Conservation	Funk et al. 2008; Garroway et al. 2008; Latta 2008; McClure et al. 2008a; Nomura 2008; Olsen et al. 2008; Raeymaekers et al. 2008; Vähä et al. 2008
Captive breeding, wild-domestic interactions	Araki et al. 2008;; Fraser 2008; Fraser et al. 2008; McClure et al. 2008b Valosaari et al. 2008
Disease biology, Evolutionary medicine	Bull and Ebert 2008; Burdon and Thrall 2008; Crespi 2008; Day et al. 2008; Miller and Vincent 2008; Marshall et al. 2008; Michalakis et al. 2008; Nesse and Stearns 2008; Webster et al. 2008
Harvesting, Darwinian fishery science	Araki et al. 2008; Fukuwaka and Morita 2008; Hard et al. 2008; Hutchings and Rowe 2008; Olsen et al. 2008; Thériault et al. 2008
Invasion biology, Biological control	Gilchrist et al. 2008; Lee and Gelembiuk 2008; Olivieri et al. 2008

**Table 2.** Examples of organisms of applied significance featured in *Evolutionary Applications*.

Organism	References
Biological control agent <i>Larinus cynarae</i>	Olivieri et al. 2008
Crops and trees (forestry)	
Maize	Mercer et al. 2008
Saltcedar, Cottonwood	Friedman et al. 2008
Disease vectors <i>Aedes aegypti</i> , <i>Anopheles gambiae</i>	Michalakis et al. 2008, Marshall et al. 2008
Exploited fish salmon (Atlantic, chinook, chum, sockeye) trout (brown, rainbow) cod (Atlantic)	Angilletta et al. 2008; Crozier et al. 2008; McClure et al. 2008b; Vähä et al. 2008; Williams et al. 2008; Wood et al. 2008; Haugen et al. 2008; Miller and Vincent 2008 Hutchings and Rowe 2008; Olsen et al. 2008
Model species	
<i>Drosophila</i> sp.	Gilchrist et al. 2008
Stickleback	Raeymaekers et al. 2008
Pathogens	Bull and Ebert 2008
measles, polio, influenza	Day et al. 2008
HIV	Webster et al. 2008
<i>Schistosoma</i> sp. <i>Myxobolus cerebralis</i>	Miller and Vincent 2008

(<http://www.evolutionaryapplications.org>; see Table 1). Published papers also focused on a wide diversity of organisms of applied importance, including plants, animals and microbes (Table 2). Clearly, the journal is fulfilling its primary goal of being the principal outlet for the increasing number of high-quality papers using evolutionary concepts to address issues of economic, medical and social relevance.

In 2009, we are again publishing four issues, including this current special issue on evolutionary medicine, and an upcoming special issue on the impact of harvesting on fish evolution and Darwinian fishery science. Among other events, in August, Wiley-Blackwell will be sponsoring a full-day symposium on evolutionary applications at the 12th ESEB Congress in Turin, Italy.

Despite being in our first year of operation, we succeeded in maintaining a very short time from submission to first decision (34 days). Also, our transparent online review and production system allows authors to track the progress of their manuscripts from submission to publication. We will continue striving both to publish the highest quality research on applied evolution, and to make the importance and broad relevance of evolutionary biology more accessible to all interested readers.

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