Do It Yourself: A small society's experience publishing with Open Journal Systems

Louise Miles
22 April 2011
Contents

• Introduction to the FBA
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• The future
Freshwater Biological Association

- Founded in 1929, registered charity 1966
- Based on Windermere, English Lake District
- An international membership association with research and information facilities
- “to advance freshwater science and encourage as many people as possible to adopt it as the best way to understand, protect and manage our precious water resources”
Welcome to the FBA, a charity dedicated to the understanding and effective management of freshwaters and the organisms that live within or are associated with them throughout the world.

**FBA News Blog**

**FBA Annual General Meeting 2011**

4/8/11 3:33 PM

For full details of this year’s AGM, to be held on 13th July during the FBA Annual Scientific Meeting, please go to: [www.fba.org.uk/annual-general-meeting](http://www.fba.org.uk/annual-general-meeting)

By Michael Haft

Add this to... 

**FBA abstract deadline approaches.**

4/8/11 8:02 AM

The deadline for receipt of abstracts for this year’s FBA Annual Scientific Meeting at the River Laboratory is only a week away. If you wish to present a paper or poster, please go to [http://www.fba.org.uk/abstracts-and-scientific-meeting](http://www.fba.org.uk/abstracts-and-scientific-meeting), where you will find full details of the meeting and the application procedure.

By Michael Haft

Add this to... 

**Identifying macroalgae training course 13th-14th April 2011**

3/30/11 1:57 PM

BOOK YOUR PLACE NOW! The FBA are running a two day training course on how to identify the larger freshwater algae on Wednesday 13th - Thursday 14th April. A small number of places are still available. To find out more details and to book a place, please go to [www.bcs.ac.uk/fba-training-courses](http://www.bcs.ac.uk/fba-training-courses).

By Melanie Fletcher

Add this to...
FBA – Publication History

- Over 75 years of publishing for researchers, students and enthusiasts
- Written by leading scientists and practitioners in freshwater biology
  - **Scientific Series** – ID Keys & Analysis Guides
  - **Occasional Series** – Bibliographies, Published Datasets, User Manuals
  - **Special Series** – Reference Texts & Conference Proceedings
FBA – Freshwater Reviews

- Launched in 2008
- Peer reviewed, international journal
- Online-first and printed in two issues per year
- Members journal but subscriptions available to individuals and institutions
- Joined BioOne in 2010
FBA – Inland Waters

- Collaborative journal between the FBA and the International Society of Limnology (SIL)
- First papers published online in 2011
- Four print issues per year
- Peer-reviewed, primary research and review papers
Electronic publishing – open source or out-source?
Open source ‘vs’ out-source

• **Open source**

<table>
<thead>
<tr>
<th>Pros</th>
<th>Cons</th>
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<tr>
<td>Maximum control at all stages</td>
<td>Can be expensive</td>
</tr>
<tr>
<td>Adaptable</td>
<td>Time consuming</td>
</tr>
<tr>
<td>In-house expertise</td>
<td>Seek and manage subscribers</td>
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<tr>
<td>IT infrastructure</td>
<td>IT infrastructure</td>
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<tr>
<td>Can be cost-effective</td>
<td>Susceptible to loss of expertise</td>
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<td>May lead to collaborations</td>
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Open source ‘vs’ out-source

• Out-source to commercial publisher

<table>
<thead>
<tr>
<th>Pros</th>
<th>Cons</th>
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<tr>
<td>Efficient</td>
<td>Limited financial return?</td>
</tr>
<tr>
<td>No need for specialist staff</td>
<td>Tie-in periods</td>
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<tr>
<td>Big buying power (subscriptions)</td>
<td>Lose control</td>
</tr>
<tr>
<td>Marketing</td>
<td>Contractual restriction</td>
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Half-way house

- E.g. BioOne (for established journals)
- Editorial process and print publication managed by society, online publication managed by BioOne with options for membership delivery
- Other benefits
  - Pay-per-view
  - DOI management
  - Reaching a wider audience
Open source
What is OJS?

- Open Journal Systems, part of Public Knowledge Project [http://pkp.sfu.ca/?q=ojs](http://pkp.sfu.ca/?q=ojs)
- Used by over 7500 titles (December 2010)
- Highly customisable
- Free software
Vol 1, No 1 (2005)

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ISSN: 1234-9876
Wildlife Biology in Practice
International Journal of Dental Clinics is a quarterly online publication dedicated to cutting edge research works in dental clinical research, case reports, dental image processing, 3D manipulation of layered images using various software techniques and any advances in research areas concerning the clinical procedures, image manipulation techniques or any advanced procedures as a whole in relation to dentistry. International Journal of Dental Clinics publishes scientific papers on well designed and controlled original research involving medical/dental/normatives sciences.

The journal would mainly focus on case reports with everyday problems in clinical dentistry and would be more inclined towards a problem solving approach employing various techniques involving evidence based dentistry to achieve a balanced approach between clinical learning experience and modified therapeutic scenarios where a more practical outlook is directed to achieve restoration of harmony between functional pathways and aesthetic enhancements. International Journal of Dental Clinics is expected to be a platform where we expect to narrow down the gap between general dentists and dental specialists where a unified multidisciplinary approach can be taken to formulate a much needed consensus in diagnosis and therapeutic management. The articles would range from interesting case reports, technical information about new and innovative systems used in general and specialist dental procedures, decision making pathways for unusual and complicated dental problems and technical articles detailing devices and their usage.

Scholarly work on any aspect of dental or medical science will be considered for peer-reviewed publication including but not limited to case reports, epidemiological survey results, clinical trials and recent trends in technology. International Journal of Dental Clinics is a quarterly published online journal which would be adhering to the policy of peer reviewing by at least 2 well qualified dental professionals who excel in the field under which the prospective article categories may be defined and the articles would strictly follow the NLM DTD specifications laid out by the National Library of Medicine. The article templates use the NLM-XML schema outlined and the articles would be made available in mandatory Portable Document Format and also could easily be exported to NLM-XML format with ref-backs enabled for each DTD specified modules.

In addition to articles, the journal provides a repository for resources such as links, curriculum, data sets, syllabi, software and instructional materials which developers may wish to make available free to the open source community.

Response of the gypsy moth, *Lymantria dispar* to transgenic poplar, *Populus simonii* x *P. nigra*, expressing fusion protein gene of the spider insecticidal peptide and *Bt*-toxin Cpeptide

Gao CW, Liu GF, Wang ZY, Yan SC, Ma L, Yang CF

The response of the Asian gypsy moth *Lymantria dispar* (L.) (Lepidoptera: Lymantriidae) to a fusion gene consisting of the spider, *Atrax robustus* Simon (Araneae: Hexathelidae) o-ACTXAr1 sequence coding for an α-acrotoxin and a sequence coding for the *Bt*-toxin C-peptide, expressed in transgenic poplar *Populus simonii* x *P. nigra* L. (Malphigiales: Salicaceae) was investigated. The results suggest that transgenic poplar is resistant to *L. dispar*, and that the mature *L. dispar* may be weakened by the transgenic plants due to *Bt* protoxins activated by elevated midgut proteinase activity. The transgenic poplar expressing fusion protein genes of *Bt* and a spider insecticidal peptide are good candidates for managing the gypsy moth.

Recently Published

Host plant effects on alkaline phosphatase activity in the whiteflies, *Bemisia tabaci* Biotype B and *Trialeurodes vaporariorum*


A review of the implications of heterozygosity and inbreeding on germplasm biodiversity and its conservation in the silkworm, *Bombyx mori*

Singade AH, Vijayan K, Somasundaram P, Sinivasasabalu GK, Ramble CK

Tortricid moths reared from the invasive weed Mexican palo verde, *Parksinsonia aculeata*, with comments on their host specificity, biology, geographic distribution, and systematics


Characterization of nonjunctional hemichannels in caterpillar cells

Luo K, Turnbull MW

First description of the early stage biology of the genus *Mygona*: The natural history of the styrine butterfly, *Mygona irminia* in eastern Ecuador

Greeney HE, Dyer LA, Pyrcz TV

Evidence for the higher importance of signal size over body size in aposematic
Freshwater Reviews is a peer reviewed international journal dedicated to enhancing the understanding of inland waters. The content of review papers is primarily biological but papers covering limnology, policy and socio-economic aspects of fresh waters are acceptable if they are relevant to our understanding or management of fresh water biology. Freshwater is interpreted widely, embracing all inland waters including lakes, ponds and reservoirs, rivers and streams, as well as saline and caustic lakes, brackish waters, interstitial and groundwater environments.

Published by: Freshwater Biological Association
Frequency: Premium online service (articles appear online as they are accepted), 2 print issues per year.
ISSN: 1755-064X
DOI range: 10.1608

Inland Waters is the peer-reviewed, scholarly outlet for original papers that advance science within the framework of the International Society of Limnology (SIL). The journal promotes understanding of inland aquatic ecosystems and their management. Subject matter parallels the content of SIL Congresses, and submissions based on presentations are encouraged.

All aspects of physical, chemical, and biological limnology are appropriate, as are papers on applied and regional limnology. The journal also aims to publish articles resulting from plenary lectures presented at SIL Congresses and occasional synthesis articles, as well as issues dedicated to a particular theme, specific water body, or aquatic ecosystem in a geographical area. Publication in the journal is not restricted to SIL members.

Published by: Freshwater Biological Association

Frequency: Articles appear online as they are published with print copies published 4 times per year

ISSN: Online: 2044-205X Print: 2044-2041

DOI Range: 10.5268
FBA Journal System

Welcome to the Freshwater Biological Association's online system for viewing articles online.

FRESHWATER REVIEWS
Editor - Professor Colin S. Reynolds

Freshwater Reviews aims to provide comprehensive, modern reviews of topics in the freshwater sciences. Individual articles will be available online to subscribers from Autumn 2007 and the first part of Volume 1 will be in print from March 2008. The Journal will be available through membership of the Freshwater Biological Association and by subscription.

VIEW JOURNAL | CURRENT ISSUE | REGISTER

INLAND WATERS
Editor - Prof. John R. Jones

Inland Waters is the peer-reviewed, scholarly outlet for original papers that advance science within the framework of the International Society of Limnology (SIL). The Journal promotes understanding of inland aquatic ecosystems and their management.

VIEW JOURNAL | CURRENT ISSUE | REGISTER

FRESHWATER FORUM

First published in 1992, Freshwater Forum was the regular members' journal until 2007 (volume 27) and is now an intermittent publication for conference proceedings and special thematic issues.

VIEW JOURNAL | CURRENT ISSUE | REGISTER
Personnel / infrastructure requirements

- IT infrastructure and capacity to support setup and ongoing development
- Software developers
- Fail-safe mechanisms
- Knowledge of editorial process
- Editorial management
- Bespoke systems (if applicable)
Subscription management

- OJS has its own subscription facility
- We have linked to our subscription management software to authenticate members
- Username and password (individuals)
- Authentication via IP address range (institutions)
- Time-consuming building in the link so must be sure subscription management system is medium- to long-term
- BioOne can deliver access to society members
Editorial process and manuscript tracking

- System requires one ‘admin’ user to manage all journals hosted by the system
- All users have ‘roles’ and may have multiple roles:
  - Author
  - Editor
  - Copy editor
  - Layout editor
  - Reviewer
  - Etc.etc.
My Account

Freshwater Reviews
Roles you are registered for:
> Journal Manager
> Layout Editor
> Reviewer
> Proofreader
> Author
> Subscription Manager

My Settings
> Show My Journals
> Edit My Profile
> Change My Password
> Log Out
Submission process

New Submission

1. START 2. ENTER METADATA 3. UPLOAD SUBMISSION 4. UPLOAD SUPPLEMENTARY FILES 5. CONFIRMATION

Authors submit items to this journal through this web site in a five-step process for uploading the manuscript and supplementary information (e.g. figures/tables/raw data). If difficulties are encountered in this process, contact Louise Miles by email or phone +44 (0)1534 87722 for assistance.

Submission Checklist

Indicate that this submission is ready to be considered by this journal by checking off the following (comments to the editor can be added below):

☐ The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
☐ The manuscript is in Microsoft Word (2000 or later). doc file format.
☐ The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses).
☐ Images, graphs and figures are provided separately at the highest resolution available. These are named following the Author Guidelines.
☐ The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines.
☐ You have obtained all necessary permissions for reproducing figures/images and text extracts.

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The author retains the right to:

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☐ Use the material elsewhere in the author's own course.
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FBA Journals | Journal Home Page | About the Journal | Contact
Automated and prepared emails

• System tells users when specific things happen:
  – New submission
  – Request for copy editing
  – Completion of author changes
  – Notify users of article publication
### Summary

**Review**

**Summary**

**Submission**

**Authors**

Chris Philip Mainstone

**Title**

The role of specially designated wildlife sites in freshwater conservation - an English perspective

**Original File**

74-138-1-SD.doc 2007-11-20

**Supp. Files**

74-139-1-SD.doc 2007-11-20

**Submitter**

Chris Mainstone

**Date submitted**

2007-11-20

**Section**

Review Papers

**Abstract Views**

1123

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### Editors

**Editor**

Colin Reynolds

**Reviewer**

2008-03-11

**Date modified**

2008-03-11

**Last modified**

2011-01-14

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### Submission Metadata

**Authors**

Chris Philip Mainstone

**Name**

Chris Philip Mainstone

**URL**

N/A

**Affiliation**

Natural England

**Country**

United Kingdom

**Profile**

20 years of experience in freshwater ecology and the characterisation and control of anthropogenic impacts on freshwater habitats, working at the Water Research Centre until 1999 and then at English Nature until the formation of Natural England in 2006.

Principal contact for editorial correspondence.

**Title and Abstract**

**Title**

The role of specially designated wildlife sites in freshwater conservation - an English perspective

**Abstract**

The value of specially designated sites in conserving biodiversity has been a hotly...
**Review**

**Summary**

**Submission**

- **Authors**: Roger S. Wolton
- **Title**: Eucalyptus - vitaly important products in aquatic ecosystems
- **Section**: Review Papers
- **Editor**: Colin Reynolds
- **Review Version**: 133-443-1-RV.DOC 2009-04-06 ENSURING A BLIND REVIEW

**Supp. files**: None

---

**Peer Review**

**Round 1**

**Reviewer A**

- **Name**: Malcolm Elliott
- **Review Form**: None / Free Form Review
- **Decision**: REQUEST UNDERWAY DUE ACKNOWLEDGE
- **Recommendation Review**: Revisions Required 2009-04-27
- **Uploaded files**: 133-443-1-RV.RTF 2009-04-27 Let author view file
- **Reviewer rating**: 5 High

**Reviewer B**

- **Name**: Roger Sweeting
- **Review Form**: None / Free Form Review
- **Decision**: REQUEST UNDERWAY DUE ACKNOWLEDGE
  - 2009-09-01 / 2009-09-01 / 2009-10-06
- **Recommendation Review**: Resubmit for Review 2009-09-01
- **Uploaded files**: None
- **Reviewer rating**: 5 High

**Editor Decision**

- **Select decision**: Choose One
- **Decision**: None
- **Notify Author**: Editor/Author Email Record 2009-09-02
- **Review Version**: 133-443-1-RV.DOC 2009-04-06
- **Author Version**: None
- **Editor Version**: None
### Event Log - Recent Entries

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### Email Log - Recent Entries

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**VIEW LOG | CLEAR LOG**
System maintenance and updates

- In-house
- External contract
- PKP commercial hosting and support as well as partners offering publishing services etc.
- Annual software upgrades
So…would we do it again?

- Short answer….yes!
- Depends upon organisations’ wider strategy and specific situation
- If only hosting one journal and no plans for more:
  - Collaboration with not-for-profit organisations already set-up to provide this service – like us!
  - Commercial publishers
  - BioOne
Benefits of joining BioOne

- FBA has already seen benefits of joining BioOne
  - Pay-per-view functionality
  - Increased audience
  - Additional revenue
  - Marketing
  - Services such as DOI indexing
The future...

- The FBA is looking to expand online journal hosting services to other partners
- Adding new journals to BioOne – Inland Waters
- Building on our reputation as a specialist publishing house in a rapidly changing publishing world
Thank you!

lmiles@fba.org.uk