

Proposal to join BioOne

T. J. Walker, 17 September 2002

FES should make PDF and HTML versions of *Florida Entomologist* articles and scientific notes freely accessible on *BioOne*. This will require paying for improved HTML versions thereby reducing the net income from IFWA fees.

Background:

Currently FES pays for and posts HTML versions of *Florida Entomologist* articles and scientific notes. However, these versions have no figures or formatted tables are not meant to be read online (Exhibit #1). They serve only to enable full text searching, via the search engine on the FES server. On the other hand, *BioOne* HTML versions facilitate online reading with multiple, useful, external and internal links. These are best understood by going to the *BioOne* site (<http://www.bioone.org/>) and perusing the HTML version of an article. Until you can do this, the attached exhibits must substitute.

Links in *BioOne* HTML (Exhibits #2, 3, 4) enable the user to

- go to the corresponding PDF file (#5),
- jump between sections and a table of contents of sections (#2, 3),
- view tables (# 6) and figures,
- jump from in-text citations to the entries in the References section (#4),
- jump from any Reference entry for an article in *BioOne* to the corresponding abstract and full text (#7, 8),
- jump from most Reference entries to the *CrossRef* link resolver (#9a, b),
- download citations (#10).

The advantages of posting *Florida Entomologist* articles and scientific notes on *BioOne* include

- The clients of 588+ institutional libraries will have convenient, click through access to *Florida Entomologist* articles.
- Those who use the *BioOne* search engine (Exhibit #11), whether clients of subscribing libraries or not, will find relevant *Florida Entomologist* articles along with those of 49+ other life-science journals (#12).
- The HTML versions on the BioOne server can be linked to from the tables of contents of *Florida Entomologist* issues that are on the FCLA server and from the hits that are returned by the searches on the FES server.
- PubMed Central (#13) will accept BioOne-compliant files for posting on its site.
- Being a member of an important aggregate of scientific journals will insure that *Florida Entomologist* will not be left behind as the transition to universal, convenient access to the journal literature continues.

Fiscal impact

FES currently pays Painter Printing \$1.65 per page for minimal HTML versions of articles and scientific notes. A *BioOne*-compliant HTML version should cost no more than \$4.60 per page. If FES had paid \$2.95 more per page for the 724 pages of articles and scientific notes

published in *Florida Entomologist* in 2001, net income from IFWA fees would have been reduced by \$2136 (see Fig. 2, bar for 2001). A similar reduction would be expected in 2002 and future years. However, to join *BioOne* in 2003, FES will need to make its 2002 content *Bio-One* compliant. This will involve paying for *BioOne*-compliant HTML after already paying \$1.65 per page for minimal HTML for the first three issues in 2002. If this had happened in 2001, the reduction in IFWA net income would have been \$3032 rather than \$2136.

IFWA fees have produced more than enough net income to compensate for declining library subscriptions (Fig. 1), and this should continue to be the case if FES joins *BioOne* (Fig. 2).

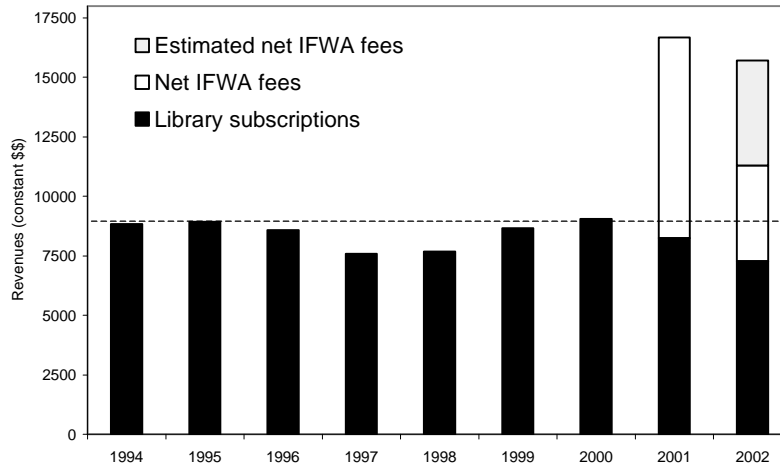


Fig. 1. Gross income from library subscriptions and net income from IFWA fees, 1994-2002 (amounts adjusted for inflation).

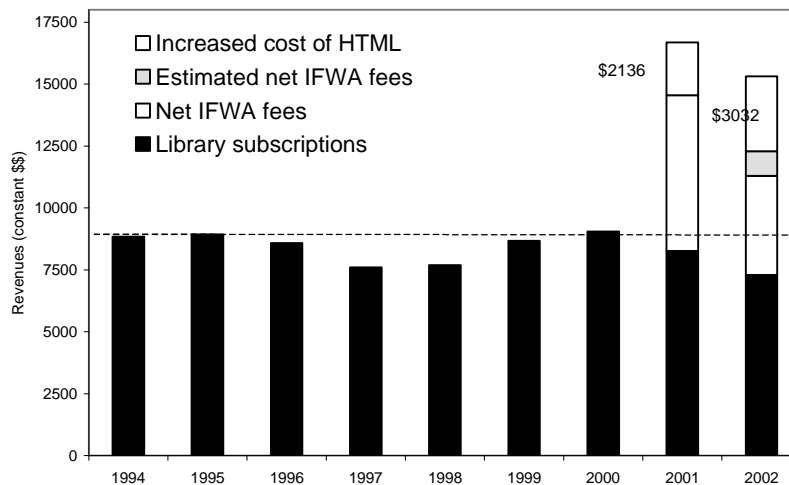


Fig. 2. Reduction in net IFWA fees should FES join *BioOne*. The 2001 bar shows what might be the effect in the future, whereas the 2002 bar estimates the effect of paying twice for HTML for the first three issues of 2002. The \$2126 is how much FES would have spent for *BioOne*-compliant HTML if it had paid \$4.60 per page *instead of* \$1.65 per page. The \$3032 assumes that FES will pay \$4.60 per page *and* \$1.65 per page for the first three issues in 2002 but only \$4.60 per page for the last issue.

Action requested

Approve a motion that FES should join *BioOne* as soon as feasible but with the option to withdraw the decision should the final estimated initial cost exceed \$3032 (as estimated above).