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FLOW, Fulgoromorpha lists on the web, a knowledge and taxonomy database dedicated to planthoppers: the "F's-pages"

Thierry BOURGOIN, Florian LAFOSSE-MARIN, Angel ANTA

Muséum national d'Histoire naturelle, UMR 7205 ISYEB, MNHN-CNRS-UPMC-EPHE, Sorbonne Universités, Paris, France (email: bourgoin@mnhn.fr)

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As indicated on its home page (<http://www.hemiptera-databases.org/flow/>), objectives of FLOW are to synthesise and share all nomenclatural, taxonomic and bibliographical data about planthoppers to better preserve and organize the systematics expertise already acquired on this group. With the objective to link also other biological data to this taxonomic backbone, the aim of FLOW is to promote Fulgoromorpha as a research model for future basic and applied studies in the fields of biodiversity and conservation management.

Organised in a database, FLOW should be a useful tool for delivering and accessing structured data to further explore new aspects of planthoppers biodiversity. Accordingly, we present here the next steps of the development of FLOW, allowing to move from basic information to knowledge that will be automatically provided on-line in the website, the "F's-pages" (First Figures From FLOW For Fulgoromorpha):

- Graphical display of the history of name(s) of a taxon and of its classification;
- Graphical display of the generic composition of a supra-generic taxon and its classification;
- Taxonomic indices and various figures for each taxon documenting its distribution according to the Wallacean-Holt realms/regions, its latitudinal profile and its corresponding climatic zone occurrence;
- Automatically generated texts summarising all information about a taxon (classification, history through names, distribution, taxonomic indices, interspecific relationships...) in an easy-to-read format and with the corresponding bibliographic references. These texts, available in several languages, will be also directly downloadable for free re-usage in other publications.

Trying to follow and document planthopper biodiversity is a challenge for such a large group of more than 13,000 species and 26,000 names. Planthopper primary data associated to these are also regularly published, some of which in journals that are difficult to access, and edition in the database is quite time-consuming. While clearly incomplete in several aspects, FLOW has now a quite good number of data, enough to start studying macro-patterns. Efficiency will grow with time and with the help from more contributors.