

## Projekte & Nachrichten

### **SYRPH THE NET: the database of European Syrphidae (Diptera)**

The Syrph the Net database comprises a set of text files and spreadsheets, subdivided into a series of "volumes". The volumes cover the following topics:

- vol. 1 – accounts of the species with bibliographic references (text)
- vol. 2 – habitat associations of the species (text/spreadsheets)
- vol. 3 – microhabitat associations of the species (text/spreadsheets)
- vol. 4 – biological traits of the species (text/spreadsheets)
- vol. 5 – range of the species and their status in various parts of Europe (text/spreadsheets)
- vol.6 — examples of the use of the database (text/spreadsheets)

The 1st. published edition of the database treats the species known from the Atlantic zone of Europe. A revision of that 1st. edition will be available early in 1998. That revision is a corrected, expanded and up-dated version, now covering more than 400 species. Coverage includes all of the species known from Ireland, Britain, Denmark, the Netherlands, Belgium and Luxembourg. The syrphid species known from northern Germany (Bremen, Niedersachsen and Schleswig-Holstein), and Atlantic parts of France, Spain and Portugal are also included. Habitat coverage relates to the same geographic area, excepting localised Iberian habitats, and in the revised version is extended to include certain sub-alpine habitats. The text files are in MS Word 6 and the spreadsheets are in MS Excel 3. Users require the appropriate Microsoft software for either IBM or Mac machines. Use of the spreadsheets for analytical purposes requires an understanding of Excel, which is not provided by the database. The database takes up c.3Mgb of disc space.

The database has been put together as a co-operative effort by European syrphid specialists. Syrphid workers who receive it are requested to help in improving its accuracy and coverage. The database has been set up not only to aid syrphid workers, but also to make knowledge of European syrphids as widely available as possible and to provide a mechanism for employing syrphids in environmental evaluation/interpretation studies, such as environmental impact surveys.

The database is available free of charge. It can be sent to prospective users either by e-mail or on discette. Potential users are required to sign and return a standard agreement before receiving the database files. The agreement may be obtained by e-mail, at [speightm@indigo.ie](mailto:speightm@indigo.ie) or by post from

Dr. M.C.D. Speight, Research Branch, National Parks and Wildlife Service, 51 St Stephens Green, Dublin 2, Ireland.

## SYRPH THE NET: update

The 1998 version of the database has been completed and is now available. Work has commenced on the 1999 version, the coverage provided by the database will be expanded to include the following species:

*Brachyopa maculipennis*\*, *Cheilosia acutilabris*\*, *Cheilosia bracusi*, *Cheilosia clama*\*, *Cheilosia hercyniae*, *Cheilosia hypena*, *Cheilosia latifacies*, *Cheilosia loewi*, *Cheilosia nivalis*\*, *Cheilosia orthotricha*, *Cheilosia subpictipennis*, *Epistrophe liophthalma*, *Eumerus argyropus*\*, *Eumerus emarginatus*\*, *Eumerus grandis*, *Eupeodes flaviceps*, *Heringia fulvimanus*, *Mallota megilliformis*\*, *Mallota tricolor*\*, *Merodon aberrans*, *Merodon annulatus*\*, *Merodon flavus*, *Merodon funestus*, *Milesia semiluctifera*, *Parasyrphus kirghizorum*\*, *Parasyrphus tarsatus*, *Pipizella nigriana*, *Platycheirus tatricus*, *Platycheirus transfugus*\*, *Spazigaster ambulans*, *Sphegina cornifera*, *Sphegina platychira*, *Spilomyia diophthalma*, *Syrphocheilosia claviventris*, *Syrphus rectus*\*, *Xylota triangularis*.

Readers of VOLUCELLA who would be prepared to contribute information on any of these species to the database are asked to contact Martin C.D. Speight at [speightm@indigo.ie](mailto:speightm@indigo.ie) or Research Branch, National Parks and Wildlife, 51 St Stephens Green, Dublin 2, Ireland. Information about any of the asterisked (\*) species would be particularly welcome.

## Fourth International Congress of Dipterology

The Fourth International Congress of Dipterology will be held in Oxford, U.K., 6-13 September 1998.

Chairman: D.J. de C. Henshaw, 34 Rounton Road, Waltham Abbey EN9 3AR, UK (fax: +44 1992 717663; e-mail: [djhagro@aol.com](mailto:djhagro@aol.com)). Secretary: Dr A.C. Pont, Hope Entomological Collections, University Museum, Parks Road, Oxford OX1 3PW, UK (fax: +44 1491 873749; e-mail: [pont.muscidae@btinternet.com](mailto:pont.muscidae@btinternet.com)).

To register your interest or for further information, please contact: Oxford International, ICD4, Summertown Pavilion, Middle Way, Oxford OX2 7LG, UK (fax: +44 1865 511579; e-mail: [icd4@oxfordint.co.uk](mailto:icd4@oxfordint.co.uk)).

The Congress is on the London Natural History Museum website page at: <http://www.nhm.ac.uk/entomology/diptcong.html>

## **Entwicklung eines Indikationssystems in Auenökosystemen anhand der Syrphidae - Möglichkeiten der Quantifizierung von Totholzstrukturen**

Es ist geplant, anhand der Erfassung von Totholzhabitaten und durch Malaisefallen-, Farbschalen- und Handfänge das potentielle und aktuelle Artenspektrum der Syrphidae in Auen zu erfassen. Durch Verschneidung der Daten soll ein Indikationsmodell für Auenökosysteme entworfen werden.

Methodische Schwierigkeiten ergeben sich bei der quantitativen Erfassung der folgenden Totholzhabitate.

Es sollen erfaßt werden:

1. Totholz
2. Saftflüsse
3. Baumhöhlen
4. faulende Wurzeln (!!)

Wer hat Erfahrung bei der Erfassung dieser Habitate und kann mir Tips (vor allem zur quantitativen Erfassung) geben?

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### **Volucella 1 (1995) und 2 (1996)**

Der erste Band von Volucella wurde in relativ kleiner Auflage vervielfältigt und ist schon seit längerer Zeit vergriffen. Kopien des Bandes sind zum Preis von DM 10.- (zzgl. Versand) ebenso wie Band 2 (DM 25.- zzgl. Versand) bei U. Schmid erhältlich. (Adresse siehe Impressum).

The first volume of Volucella was published in a small number of copies. It was out of print for a long time. Now copies can be ordered for DM 10.- (+ porto and package) from U. Schmid (address see imprint). Volume 2 is still available for DM 25.- (+ porto and package).

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# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

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