

The Palaearctic Syrphidae in the Zoological Museum of the University of Amsterdam

3rd International Symposium on Syrphidae - 3 September 2005

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Zoological Museum Amsterdam (ZMA)

- Approximately 12-15,000,000 zoological specimens
- 3 Sections: Vertebrates, Evertebrates, Entomology
- Entomology approx. 9,000,000 insect specimens
- Diptera collection approx. 200,000 syrphid specimens
- Arranged according biogeographic region + separate Netherlands collection



Syrphidae in ZMA

- Afrotropical and Nearctic collections
- Oriental and Australasian Syrphidae, including types of 130 species described by J.C.H. de Meijere from Indonesia
- Palaearctic Syrphidae: separate Netherlands and Palaearctic collections



Netherlands collection of Syrphidae

- Oldest material from 1850's (Van der Wulp)
- De Meijere collection (checklists)
- Van der Goot collection acquired in 1970's
- Lucas collection, incl. Lambeck and Van Aartsen collections. recently acquired
- Virtually all species occurring in the Netherlands
- approx. 75,000 specimens (37,250+ males, 37,645+ females)
- Majority material incorporated in inventory of Syrphidae occurring in The Netherlands by EIS-Nederland



Palaearctic collection of Syrphidae

- Van der Goot and Lucas collections
- > 100,000 specimens
- > 120 genera and subgenera (of 140 Palaearctic)
- > 900 species (of 1,800 Palaearctic)
- > 105 species represented by types
- > 100 undescribed species (e.g., *Eumerus*, *Merodon*)
- Geographic focus:
 - Mediterranean: Spain, Italy, the Balkans, Turkey
 - Switzerland, Austria
 - Japan
- Collection recently rearranged
- Several thousands of specimens still to be incorporated



Digitization

- Information on all Diptera types, including all Syrphidae types (specimen level information: taxonomic, geographic, label data)
- Information on the entire Palaearctic Syrphidae collection (species level information: taxonomic, ## specimens)
- In near future to be published on website ZMA, linked to GBIF



Presentation given at the 3rd Syrphidae Symposium,
Leiden, The Netherlands, 2nd to 5th September, 2005

Access to collection

- Monday-Friday 8.30 - 17.00 hours, on appointment

Special opportunity on

Sunday 4 September, 2005 for participants 3rd

International Symposium on Syrphidae

- Minimal number of visitors on Sunday: 5
- Please contact Ben Brugge or Herman de Jong



ZMA

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