

ICHNEWS

A newsletter for students of Ichneumonidae (Hymenoptera)

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EDITORIAL

Since Issue 1 was published we have received 14 further completed questionnaires and requests for Ichnews and this second issue is being mailed to 54 workers. We have been delighted by the interest in the newsletter but disappointed by the lack of items for publication. We have not received even one! The success of Ichnews depends on you contributing something.

A subject that we think could be discussed in Ichnews is nomenclature. The differing views on the application of certain generic (Ichneumon, Pimpla, Ephialtes, Cryptus and Porizon) and family-group names are causing problems, especially for non-taxonomists and editors (including those of Ichnews!). We must find satisfactory solutions to these problems. What are your views? Write a note for publication in Ichnews now.

The names used in Ichnews are those we think are correct under the International Code and also follow Opinion 159. At present we (MGF & IDG) have a paper in press in which we have tried to apply the Code to the family-group names of Ichneumonidae. In the not too distant future we hope to make a submission to the Commission on certain names and Opinions, but first we need to gather the evidence and consider the possible ways of dealing with the problems.

Still on the subject of nomenclature, you may be interested to know that a reprint of the second edition of the International Code (1964) and amendments (Bull. zool. Nomencl. 31(1974): 77-101) have been published and are available from the International Trust for Zoological Nomenclature, c/o British Museum (Natural History), Cromwell Rd., London SW7 5BD, England. The Code is priced at £2 and the amendments at £1.50. [Note - the amendments do not include the corrections published in Bull. zool. Nomencl. 32(1975): 65.]

CURRENT NEWS AND NOTES

Ian Gauld would like to see material of Trichomma (Anomaloninae) in connection with a proposed revision of the world species of the genus.

V.K. Gupta has plans to publish further monographs in the series Ichneumonologia orientalis during 1976.

Mike Fitton is completing an account of the Linnaean collection and the ichneumonids described by Linnaeus.

Henry and Marjorie Townes' meeting of hymenopterists and the International Congress in August-September will provide opportunities to discuss research with other workers.

Ian Gauld is visiting the U.S.A. for four months (starting June). He will be working with Henry Townes and plans to carry out extensive collecting and visit major North American collections.

J.R.T. Short is in the final stages of preparing a monograph on "The structure and classification of the larvae of Ichneumonoidea" for publication.

Bob Carlson is in Japan (June-July) working on parasites of Lymantria dispar. He also plans to visit Lund, Stockholm and London before returning to Washington.

#### THE ICHNEUMONID COLLECTIONS IN MUSEUMS IN BRITAIN

by I.D. Gauld

This is the first of a short series of notes on the larger collections of Ichneumonidae in provincial British Museums. It is intended to give brief information on collections and the extent of type material in various institutions. The editors would welcome similar articles from other countries.

Castle Museum, Norwich contains about 12 drawers of Ichneumonidae collected by J.B. Bridgman. This collection is of particular importance as it contains type material of a large number of British species. These have recently been discussed by Mike Fitton, 1976 (see list of publications below).

City Museum, Leicester contains a small collection, some 10 drawers of identified British Ichneumonidae. Most of the specimens were collected in Suffolk and some were determined by Claude Morley, but none have any type status.

Hope Department of Entomology, University Museum, Oxford contains the second largest collection of Ichneumonidae in Britain. The older collections, from all over the world, are maintained as they were arranged by their original owners, except that in most cases type-material has been removed and placed in a 'Type Collection'. The most important type-material is of species described by P. Cameron. Unfortunately Cameron indiscriminately labelled specimens as types and frequently there are syntypes of a single species both in Oxford and in the British Museum (Natural History), London. Dr. H. Townes and co-workers, in their catalogues, have resolved most of the problems by stating the type-depository, thereby restricting selection of lectotypes (where still necessary) to the specimens in one institution. Apart from specimens in the separate type collection at Oxford, there are sometimes additional syntypes (often unlabelled) in the general collections.

In the Hope Department there is a collection of Ichneumonidae made by Hope and determined by Gravenhorst. The status of the specimens in this collection is currently being investigated by Mike Fitton.

The remainder of the older collections contain many interesting specimens, most of which are undetermined. Unfortunately many of these have inadequate data labels.

There are two comprehensive modern collections of Ichneumonidae, the general British collection and the Oak collection. The former is about 50 drawers, and contains identified British species. The latter was assembled by Professor G.C. Varley, and is restricted to species associated with oak (Quercus). This fine collection contains much reared material and a great deal of interesting biological data.

The Hope Department also has a large collection of slides of the final instar larvae of Ichneumonidae, much of which was made by Dr. John Short.

Royal Scottish Museum, Edinburgh contains about 8 boxes of Ichneumonidae which have been sorted to subfamily. Despite the small size of this collection it is of particular interest as it is almost entirely central and northern Scottish material. There is very little material from this area in other British collections. There is a further box of exotic Ichneumonidae, mostly from south-east Asia. There is no Ichneumonid type-material in this museum.

University Museum, Glasgow contains about 20 drawers of unsorted, undetermined Ichneumonidae. Unfortunately most of the specimens are mounted flat on cards on very short pins. The bulk of the collection was made by J.F.X. King in southern and eastern England. There are several long series of relatively uncommon British species. The Hunterian collection in this Museum contains some Fabrician types.

#### DIRECTORY

Please tell other ichneumonid workers about the Newsletter and ask them to contact the editors if they would like to receive it.

Please let the editors know immediately of any change in your mailing addresses.

The following are additions to the Directory given in Issue 1.

Alayo, Pastor D. 42 No. 3309, Marianao 13, Habana, CUBA (Ichneumonidae of Cuba).

Averill, Robert D. 1030 Zang St., Golden, Colorado 80401, U.S.A. (Pimplinae and Exenterini. Biological control utilizing Parasitica.)

Bain, John. Forest Research Institute, Private Bag, Rotorua, NEW ZEALAND, (Ichneumonidae of New Zealand, especially Campopleginae. Revisions of New Zealand Casinaria, Diadegma and Campoplex.)

Carlson, Robert Weber. Systematic Entomology Laboratory, USDA, c/o National Museum of Natural History, Washington, D.C. 20560, U.S.A. (Genera and Nearctic/Holarctic species of Campopleginae. Potential interest in Nearctic Ichneumoninae. Catalogue of Ichneumonidae of America north of Mexico. Revision of Nearctic Phobocampe.)

- Delobel, Alex Georges Léon. Office de la Recherche Scientifique et Technique Outre Mer (O.R.S.T.O.M.), Centre de Nouméa, B.P. A5 Nouméa Cedex, NEW CALEDONIA. (Ophioninae. Revision of Ethiopian Enicospilini. Biology of species parasitic on Lepidoptera of economic importance.)
- Eldefors, Lars R. Department of Entomology, University of Uppsala, Box 561, S-751 22 Uppsala, SWEDEN. ("Cryptinae", especially Hemigasterini. Taxonomy and biology of European Cubocephalus.)
- Kasparyan, Dmitry R. Zoological Institute, Academy of Sciences of the USSR, Leningrad V-164, U.S.S.R. (Palaeartic Pimplinae and Tryphoninae. Keys to European Pimplinae and Tryphoninae.)
- Kusigemati, Kanetosi. Entomological Laboratory, Faculty of Agriculture, Kagoshima University, Kagoshima 890, JAPAN. (Taxonomy and bionomics of Metopiinae, Orthopelmatinae and Campopleginae.)
- Oehlke, Joachim. Institut für Pflanzenschutzforschung, Abteilung Taxonomie der Insekten, DDR-13 Eberswalde-Finow 1, Schicklerstrasse 5, E. GERMANY.
- Petcu, P. Ionel. Universitatea "Al. I. Cuza", Facultatea de Biologie, Laboratorul de Entomologie, 6600-Iasi, ROMANIA. (Ophioninae, Anomaloninae, Campopleginae, Cremastinae, Tersilochinae.)
- Sawoniewicz, Janusz. Institute of Zoology, P.A.S., ul. Wilcza 64, 00-950 Warszawa, POLAND. ("Cryptinae". Revision of western Palaeartic Bathythrix.)
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- Schnee, Heinz. 7113 Markkleeberg, Birkenweg 18, E. GERMANY. (Anomaloninae. Revision of western Palaeartic Anomaloninae.)
- Tolkanitz, V.I. Zoological Institute, Academy of Sciences of the Ukrainian SSR, 252650 Kiev-650 CSP, Lenin str. 15, U.S.S.R. (Phytodietini, Metopiinae, Diplazontinae.)
- Zwart, K.W. Robert. Department of Entomology, Agricultural University, Binnenhaven 7, Wageningen, NETHERLANDS. (Relations between Ichneumonidae and their hosts. Taxonomy of Neotropical Ichneumonidae. Biology of Gelis (mainly host-parasite relations). Revision of Photocryptus.)

#### RECENT PUBLICATIONS

We have had no response from authors to our request for details of papers as soon as published. If this item is to be continued we must have details of every paper published from 1st January 1976, in the format shown in Ichnews 1. The list below has been compiled from journals reaching the library of the British Museum (Natural History) before the end of May 1976.

- AESCHLIMANN, J-P. 1976. Revision des espèces Ouest-paléarctique du genre Chorinaeus Holmgren. Ann. Soc. ent. Fr. (n.s.) 11: 723-744.

- CHANDRA, G. 1976. On a collection of Banchinae from Australia. I. Genus Leptobatopsis Ashmead. J. nat. Hist. 10: 1-6.
- " " " " II. Genus Syzeuctus Foerster J. nat. Hist. 10: 223-229.
- " " " " III. Genus Lissonota Gravenhorst J. nat. Hist. 10: 331-345.
- DELOBEL, A. 1976. Les espèces éthiopiennes du genre Dicamptus. Ann. Soc. ent. Fr. (n.s.) 11(1975): 457-479.
- FITTON, M.G. 1976. The western Palaearctic Ichneumonidae of British authors. Bull. Br. Mus. nat. Hist. (Ent.). 32: 301-373.
- GAULD, I.D. 1976. Notes on the species of Trichomma occurring in the Indian subcontinent. Bull. ent. Res. 65(1975): 643-649.
- ✓ " The classification of the Anomaloninae. Bull. Br. Mus. nat. Hist. (Ent.). 33: 1-135.
- ✓ " Description of a new genus of Ichneumonidae of economic importance from Sabah. Bull. ent. Res. 66: 1-4.
- " & HUDDLESTON, T. 1976. The nocturnal Ichneumonoidea of the British Isles, including a key to genera. Entomologist's Gaz. 27: 35-49.
- ✓ " & MITCHELL, P.A. 1976. The Ichneumonid genus Pseudanomalon. Syst. Ent. 1: 117-122.
- IDAR, M. 1976 (? 75). Redescriptions of Hadrodactylus fugax (Gr.), H. confusus (Hlm.), H. genalis Th. and H. larvatus (Krb.). Entomologica scand. 6: 286-296.
- JUSSILA, R. & KAPYLA, M. 1976. Observation on Townesia tenuiventris (Hlm.) and its hosts Chelostoma maxillosum and Trypoxylon figulus. Annls ent. Fenn. 41(1975): 81-86.
- KASPARYAN, D.R. 1976. New species of ichneumonids of the tribe Cteniscini from eastern Asia. Genera Cycasis Townes, Orthomiscus Mason and Kristotomus Mason. Ent. obozr. 55: 137-150.
- SALT, G. 1976. The hosts of Nemeritis canescens, a problem in the host specificity of insect parasitoids. Ecological Ent. 1: 63-67.
- SHAW, M.R. & ASKEW, R.R. 1976. Ichneumonoidea parasitic upon leaf-mining insects of the orders Lepidoptera, Hymenoptera and Coleoptera. Ecological Ent. 1: 127-133.
- SHAW, M.R. & ASKEW, R.R. 1976. In Heath, J. (ed.) The Moths & Butterflies of Gt. Britain & Ireland. 1: 24-56. London.