ICHNEWS

A newsletter for students of Ichneumonidae (Hymenoptera)

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EDITORIAL

It is a year since <u>Ichnews</u> 2 appeared. The main reason for the delay in producing Issue 3 is the poor response to our requests for notes, news and views for publication.

If Ichnews is to continue, you must give it your support and send items for inclusion in future issues.

CURRENT NEWS AND NOTES

Bob Carlson has completed work on the ichneumonid section of the new edition of the "North American Catalogue" - which should be published soon.

Mike Fitton and Ian Gauld have started to prepare a submission to the International Commission on the names Ichneumon, Pimpla and Ephialtes.

J.-F. Aubert plans to visit the British Museum in 1978.

Ian Gauld has completed his revision of the Ophicninae of the Ethiopian region.

ICHNEUMONID LARVAE

by J.R.T. Short

Material from various parts of Australia has been included in a memoir on the final-instar larvae of the Ichneumonidae prepared by JRTS. Some larvae which seem of particular interest are those of:

Theronia maculosa Krieger from ichneumonid (Pimplini) in Antheraea sp. (Saturniidae).

Certonotus tasmaniensis Turner from Sirex noctilio Fabricius (Siricidae).

Poecilocryptus nigromaculatus Cameron from coccoid in gall on Eucalyptus.

Glabridorsum stokesi Cameron from Cydia pomonella Linnaeus (Tortricidae).

Ceratomansa spinifrons Brullé from Doratifera sp. (Eucleidae).

Gotra sp. from tortricid cocoon.

Sericopimpla sp. from psychid cocoon.

[New genus of Glyptini (being described by I.D. Gauld) from

Epiphyas postvittana Walker (Tortricidae)].

Philogalleria sp. from Stathmorrhopa aphotista Turner (Geometridae).

Hypopheltes pergae Cushman from Perga sp. (Pergidae).

Megaceria sp. from Perga sp. (Pergidae).

HYMENOPTERISTS CONFERENCE 1976

by Marjorie Townes

In view of the organizers, the Hymenopterists Conference held at the American Entomological Institute in Ann Arbor, Michigan, USA in August and early September, the week before and the week after the Entomological Congress in Washington, was a great success.

A total of 32 people from 13 countries participated, 21 the first week and 19 the second (the discrepancy in totals indicates that some were present both weeks). They came from Australia: J.R.T. Short; from Canada: W.R.M. Mason and his wife; from Colombia: William and Mary Jane Eberhard; from England: Ian Gauld and his wife; from France: Jean-Paul Aeschlimann; from India: S.N. Rao; from Italy: Giorgio Domcnichini and Franco Frilli; the Netherlands: Kees van Achterberg, J. van der Vecht and his wife, and Robert Zwart and his wife; from Norway: Astrid Løken; from Romania: Raoul Constantineanu; from Sweden: Karl-Johan Bedqvist and his wife and daughter and Mattias Idar; from West Germany: Klaus Horstmann; and from the USA: Robert Carlson, Roland Fischer, Gerd Heinrich, John Schmid, Roy Shenefelt and his wife, Torolf Torgersen, and Henry and Marjorie Townes.

It was a good company of co-operative people and together we enjoyed entomological activities in the laboratory, in the field, at evening meetings during which each of the participants talked on some entomological subject and on outings to entomological institutions in the vicinity as well as on a variety of other excursions.

LISSONOTA AND CRYPTOPIMPLA

A ()

by Henry Townes

A manuscript revising the Nearctic Lissonotini (200 species) is nearing completion. The genus <u>Lissonota</u> has been found difficult to define. Parts of the genus are more closely related to <u>Alloplasta</u>, <u>Arenetra</u>, <u>Odinophora</u> and <u>Loxodocus</u> than they are to other parts of <u>Lissonota</u>. Yet a practical way to make a more natural classification than the one in

DIRECTORY

Change of address

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Additions

- Lawton, Frank D. "Riversdale", Tarrant Monkton, Blandford, Dorset DTll 8RX, ENGLAND. (Taxonomy and biology.)
- Nikam, Pandharinath, K. Department of Zoology, Marathwada University, Aurangabad, Maharashtra, INDIA. (Taxonomy and biology of Indian Ichneumonidae.)
- Walter, Alfons and Winfried. Gerberstr. 99, A-4190 Bad Leonfelden, AUSTRIA. (Ichneumoninae.)

RECENT PUBLICATIONS

- AUBERT, J.-F. 1978. Les Ichneumonides ouest-paléarctiques et leurs hôtes 2. Banchinae et suppl. aux Pimplinae. OPIDA 318pp.
- Bull. ent. Soc. Mulhouse 1979 (Jan-Mar): 1-8.
- BAEZ, M. & ORTEGA, G. 1978. Lista preliminar de los Himenópteros de la Islas Canarias. Bol. Asoc. esp. Entom. 2: 185-199.
- BARRON, J.R. 1979. Ichneumonidae In Danks, H.V. Canada and its insect Fauna.

 Mem. ent. Soc. Can. 108: 494-496.
- BRONSKILL, J.F. & SALKELD, E.H. 1978. The micropylar area of some hymenopterous eggs. Can. Ent. 110: 663-666.
- CARTON, Y. 1978. Biologie de P. instigator. iv. Modalités du développement larvaire en fonction du site de ponte; role des réactions hémocytaires de l'hôte. Entomophaga 23: 249-259.
- DAY, M.C. & FITTON, M.G. 1978. Re-curation of the Linnaean Hymenoptera, with a reassessment of the taxonomic importance of the collection. Biol. J. Linn. Soc. Lond. 10: 181-198.
- DOWELL, R.V. & HORN, D.J. 1978. Mating behaviour of Bathyplectes curculionis, a parasitoid of the alfalfa weevil. Entomophaga 20: 271-273.
- FITTON, M.G. 1978. The Ichneumonidae described by J.F. Ruthe. Z. ArbGem. öst. Ent. 30: 75-79.
- processioneae Ratzeburg. Entomologist's mon. Mag. 113: 147.
- Linn. Soc. Lond. 10(1978): 361-383.

- FITTON, M.G. & GAULD, I.D. 1978. Further notes on the family-group names of Ichneumonidae. Syst. Ent. 3: 245-247.
- FITTON, M.G., GRAHAM, M.W.R. de V., BOUČEK, Z., FERGUSSON, N.D.M.,
 HUDDLESTON, T., QUINLAN, J. & RICHARDS, O.W. 1978. Kloet & Hincks.
 A checklist of British Insects. Part 4: Hymenoptera. Handbk. Ident. Br.
 Insects 11(4), ix + 159pp.
- GAULD, I.D. 1978. Notes on the British Ophioninae 4. A revised key to species of the genus Ophion. Entomologist's Gaz. 29: 145-149.
- Anomalon to Aphanistes. Bull. ent. Res. 68: 501-519.
- Perisphincter and Agrypon. Bull. ent. Res. 68: 543-557.
- 1978. A revision of the Ethiopian species of Agrypon. J. nat. Hist.
- GAULD, I.D. & MITCHELL, P.A. 1978. The taxonomy, distribution and host preferences of African parasitic wasps of the subfamily Ophioninae. 280pp., CAB, Slough.
- HEINRICH, G. 1978. Eastern Palaearctic Ichneumoninae. A selection of new discoveries and critical taxonomical discussion, with particular reference to the Asiatic fauna of the USSR and the fauna of Turkey. Leningrad. 80pp. (In Russian).
- of Florida and Neighbouring land areas Vol. 9. 350pp.
- 1978. Synopsis of Nearctic Ichneumoninae Stenopneusticae, with particular reference to the northeastern region. Supplement 6. Naturaliste can. 105: 159-168.
- HORSTMANN, K. 1977. Campopleginae aus Jordanien und Libanon. Ann. Hist. nat. Mus. natl. Hung. 69: 195-199.
- 1977. Bemerkungen zur Systematik einiger Gattungen der Campopleginae. Mitt. Münch. Ent. Ges. 67: 65-83.
- 1978. Typenrevision der von G. Szépligeti beschrieben paläarktischen Arten der Unterfamilie Campopleginae. Fol. Ent. Hung. 31: 37-45.
- 1978. Revision der Gattungen der Mastrina. Z. ArbGem. öst. Ent. 30: 65-70.
- HRDY, I. & ŠEDIVÝ, J. 1979. Males of <u>Exetastes</u> cinctipes attracted to 8-dodecenyl and ll-tetradecenyl acetates. <u>Acta ent. bohemoslovaca</u> 76: 59-61.
- JEREZ; V., LANFRANCO, D. & ANDRADE, B. 1977. Aspectos ecologicos de los Ichneumonidos del bosque de quintero. An. Mus. Hist. nat. Valparaiso 10: 161-168.

- JUSSILA, R. 1979. A revision of the genus <u>Atractodes</u> of the western Palaearctic region. <u>Acta Ent. Fennica</u> 34: 1-44.
- KÖNIGSMANN, E. 1978. Das phylogenetische System der Hymenoptera. Teil 3: "Terebrantes" (Unterordnung Apocrita). Deutsche ent. Zeitschr. 25: 1-55.
- KUSLITZKY, W.S. 1978. New species of ichneumon-flies of the genus Glypta from Tadjikistan. Zool. Zhurn. 57: 939-941. (In Russian).
- parasitizing the Oriental fruit moth in the USSR. In Plant pests and their insect enemies: 34-37. (In Russian).
- MASON, W.R.M. 1978. Ichneumonoid parasites accidentally introduced into Canada. Can. Ent. 110: 603-608.
- NAKANISHI, A. 1978. A new genus and two new species of the Diplazontinae from Japan. Kontyu, Tokyo 46: 429-432.
- OOSTERBROEK, P. 1978. Dutch Ophionini. Ent. Bericht. 38: 103-112.
- PORTER, C.C. 1978. A revision of the genus EPIRHYSSA. Studia Ent. 20: 297-412.
- SCHNEE, H. 1978. Revision der palaearktischen Arten der Gattung Perisphincter. Ent. Nachr. 22: 129-143.
- SHAW, M.R. 1978. The status of <u>Trogus lapidator</u> (F.) in Britain, a parasite of <u>Papilio machaon</u> L. <u>Entomologist's Gaz. 29: 287-288.</u>
- SHAW, M.R. & ASKEW, R.R. 1979. Hymenopterous parasites of Diptera. In A Dipterist's Handbook, Amat. ent. Soc. pp. 164-171.
- SHORT, J.R.T. 1978. The final larval instars of the Ichneumonidae. Mem. Amer. ent. Inst. 25: 1-508.
- THIRION, C. 1978. Atlas provisoire des insectes de Belgique. Cartes 1061-1101.

 Diplazontinae.
- THIRION, C. & RASSEL, A. 1977. Etude au microscope électronique à balayage de quelques caractères morphologiques discriminants d'espèces appartenant aux genres Callajoppa, Probolus, Patroclus et Stenichneumon. Bull. Rech. Agron Gembloux 42: 249-260.
- TORGERSEN, T.R. 1977. Identification of parasites of the Douglas-Fir Tussock
 Moth based on adults, cocoons and puparia. USDA. Forest Service Research
 Paper PNW-215: 1-28.
- VALEMBERG, J. 1978. Ichneumoninae hibernants. Bull. Soc. ent. Nord Fr. 208: 5.
- 1978. L'ichneumon. Bull. Soc. ent. Nord Fr. 209: 1-11.
- WAAGE, J.K. 1978. Arrestment responses of the parasitoid, Nemeritis canescens, to a contact chemical produced by its host, Plodia interpunctella. Physiol. Ent. 3: 135-146.