Dear Colleagues:

The idea of editing a Newsletter devoted to the biosystematics of Proctotrupoida s.l. was met with overwhelming support from The Questionnaire sent out to you on July 26, 1974 was received here within the shortest possible time. Some of you indicated what you expect from the Newsletter, thus giving new ideas. Many of you suggested also names to be used for the title of this Newsletter. "PROCTOS" was picked for its clear meaning and unambiguity.

The principal objectives and scope of PROCTOS were already outlined in the Introductory Leaflet of July 24, 1974. Let me now explain how one of our main objectives, the bibliographic service, should work. It is essential to receive the reports of your future papers immediately after you get your supply from the publishers. Then the deadline as well as a brief summary will be prepared here to appear at the end of each issue. These summaries will be of standard size to fit the International format of card index (L26mm X 75 mm).

Besides bibliography, PROCTOS aims to bring various kinds of information received here through correspondence. Unless you will specifically indicate your information is not to be publicized, the right is reserved for "press release" of anything considered relevant and/or useful for the scope of the newsletter. Please remember that PROCTOS is for all of us, with one sole purpose — progress in the biosystematics of proctotrupoid wasps.

PROCTOS is also a newsletter and not an official publication. Therefore we cannot publish original papers (e.g., descriptions etc.). However, it will bring information useful for our future work. Hints and ideas discussed here might eventually result in regular scientific publications. PROCTOS will appear irregularly, but at the shortest possible intervals, i.e., as soon as enough agenda will accumulate for a meaningful issue. It will be delivered to you free of charge by air mail. On the other hand, it is hoped that the flow of information from you will reach PROCTOS also at the shortest possible time to make this publication a fast and up-to-date source of news.

TYPES & COLLECTIONS

Kieffer's Collection in Bitsche, France

In March, 1973, I visited France to search for the private collection of J.J. Kieffer with the particular intention of picking up some types of Platystegidae.

Kieffer, born 17-2-1857 in Guinkrichen near Bitsche, started his profession as a teacher at the "Collège St. Augustin" in Bitsche in August, 1874. In 1884, his first publication about the fauna and flora of Bitsche appeared. After that he published until his death about 470 papers, dealing mainly with gall-formers, Diptera, and Hymenoptera. He described 554 genera and 4704 species of Proctotrupoida. On the first of October, 1904, he was awarded the title "Doctor philosophiae naturalis honoris causa" by the University of Strasboug. He died on the thirtieth of December, 1925, at 5 o'clock in the afternoon on his way to the post office, falling down with some parcels, manuscripts (Tiereich 1926?) and New Years wishes in his hands. I assume that these parcels arrived at their proper destination, but who knows?

In a dark, almost forgotten corner of the main building of the College I discovered five king-size double insect boxes containing mainly Heteroptera, Diptera, and Hymenoptera. Among the Hymenoptera were mainly Vespsoids, Termitidieds, Cynips, Chalcids, Thynnidae, Ichneumonids, and Proctotrupids. Besides these I found a lot of small, typical mailing boxes, which were never returned to the original owners. These contained, nearly without exception, all Proctotrupids, e.g. of Graefle, Baker, Magretti, Szczepiel, and Fritsch. The collection already proved to contain type material of Chalcids and Proctotrupids. You can imagine that I was very disappointed not to find any Platystegid in this material. Some parts of the collection were damaged or covered with dust and mould, caused mainly by removal indoors and outdoors during the Second World War. In part the material is still too incomplete to save it from destruction, and to clean and rearrange it in new, modern insect boxes. In the past years I collected an almost complete collection of reprints and photographs of Kieffer.

Two important informative papers about his life and activities are:


For more information, write to Henk Vlug.

Lubomir Masner visited California (October 28 - November 8, 1974) to study types and materials in San Francisco, Berkeley, Albany, and Davis.

The California Academy of Sciences (CAS) in San Francisco recently acquired all types of Kieffer's species from Baker's collection at Pomona College, Claremont, California. Besides many types of Bothynota, Cynipsidae, Aschididae, and one species of Chalcidoidea, there are types of 152 species of Proctotrupoida and Ceraphronoidae. Some species are represented by unique types, some by synonyms, only a few lectotypes were selected. As one can expect, many species were originally classified in wrong genera and there are consequently many transfers. The types were formerly a part of Pomona College collection, where part of Kieffer's material is still housed. R.L. Dunn (University of California) negotiated the transfer and permanent housing of all types in the California Academy of Sciences. CAS has now a newly appointed curator of Hymenoptera Dr. Thomas J. Zavortink (interests in Apoidea and Cuculidae). CAS' reference collection of Proctos is small to moderate but there are also rich unmouted materials, mainly tropical.

University of California, Department of Entomology, Berkeley. There is no reference collection and no types of Proctos. Unmounted materials from Chile (coll. E.L. Schlinger), also Mexican Oligoneuron amber from Chiapas (Department of Paleontology; many specimens of Myrmoxa sp.). Lubomir gave a lecture on "Evolution and biogeography of proctotrupid wasps, past and present" (November 6, 1974). Contact: Professor E.L. Schlinger.

University of California, Department of Biological Control, Albany. Small reference collection, some species reared from various hosts. No types. One research scientist working on parasites of fruit flies (Pelum n.sp.). Contact: Dr. K.S. Hagen.

University of California, Davis. No reference collection of Proctos and no types. A fine series of Rognonia californica Ashm. Rich unsorted materials mainly from California, Nevada, but also Mexico and some other tropical areas. Contact: Professor R.D. Bohart.

INTERNATIONAL TRAVEL

Henry and Marjorie Towner arrived in Ottawa in December, 1974. Henry is a visiting professor (biosystematics) at Carleton University until August, 1975. While in Ottawa Henry will study Proctotrupidae and Marjorie will prepare a Catalog of this family of Proctos. Henry also has interests in Rognonidae, Aulacidae,
Gasteruptiidae and just revised the genus Helorus Latr. of the world.

Henk Vlug arrived in Ottawa for a short study visit (six weeks). He will study Platystenidae at Biosystematics Research Institute (CNC). We will call on Matt MacGown and Dale Jackson to look at the fauna on Platytyars and Helorus in Ottawa. Prior to coming to Ottawa, Henk visited Bitche and Amiens (collections of Kieffer and Carpenter). He also prepared a list of species of Platystenidae from Foerster’s collection in Vienna; the list also contains unpublished manuscripts by Foerster as well as specimens marked as “Or. Ex.” (i.e., original exemplars) Foerster received in exchange with Walker, Haliday, Nees, etc. A copy of this list is available upon written request to Henk.

Ian Gallonay is presently studying Scelionidae in Canberra (Australian National Insect Collection). In April-May he will visit Adelaide (South Australian Museum) to study Dodd’s types of Scelionidae. Ian was kind enough to prepare a list of Dodd’s types of Scelionidae preserved in Brisbane (Queensland Museum). To obtain a copy write to Louise Nasner.

PROJECTS IN PROGRESS

Bin 
Morphology & ecology of Mantelia manticoides Kieffer; Kieffer’s types of Scelionidae (Stockholm and Vienna).

Galloway 

Huggett 
Redescription of some of Thomson’s types of Platystenus Lateville including Ceratocera Thomson.

Ito 
Revision of Oriental species of Tiphobates Bredley and Eumicrotoma Gahan.

Kozlev 
Study of Cretaceous Proctotrupoidea from Tainny.

MacGown 
Revision of Aritus Halderman of the Western Hemisphere.

Masner 
Revision of Neotropical Gyrinidae, Trichacis Foerster, Metacrisis Foerster, Acracris Masner. Study of phoretic Scelionidae.

Muesebeck 
Revision of Macroleleia Westwood of the Western Hemisphere.

Namaan 
Revision of Australian Diapriidae (Ph.D. thesis).

T Văn 
Revision of Helorus Lateville (world).

Vlug 
Revision of European spp. of Metacrisis Foerst.

Yamagishi 
Revision of Trichacoidea Dodd (world).

RECENT PUBLICATIONS

Bin, F., 1974 The types of Scelionidae (Hymenoptera: Proctotrupoidea) in some Italian collections. Entomophaga, 19: 455-466. Sixty holotypes examined, some lectotypes designated, information and notes on types in Genova, Firenze, and Portici.

Dessett, P., 1974 Szeleriyniidae, a new sub-family of Conopidae Dahlbom, 1837 (Hymenoptera: Ceraphronoidea, Megaspilidae). Folia ent. hung., 27: 43-48. Conopini (subf. Szeleriyniidae n. subf.) includes n. sp. (type-species) and gurzeyi n. sp. are described from Zaire (Congo).

Fabritius, K., 1974 Die Gattung Dolioria Kieffer 1910 und nebstehende Gattungen (Hymenoptera: Diapriidae). Folia ent.hung. 27: 53-57. Szeleriyniidae n. gen. is proposed for Dolioria reichensperieri Ferrière and Szeleriyniidae n. gen. and n. sp. is described from Argentina.


EDITOR’S CORNER

It is hoped that PROCOTOS will eventually bring all of us closer together. Hopefully, it will attract new students to make our tiny group a little stronger. To know each other better and not only from the aspect of "dry science," it might be good if you send the Editor your photo (gloss print, 6 X 8 cm) for a "Tableau of Proctotom." Your picture could be accompanied by some basic data about you, e.g. your hobbies, your nickname, few words about your family, etc. This will certainly bring more fun into our future correspondence and might help us to understand each other better.

May I use this opportunity to ask you to let me know the official common name of Proctotrupoidea (and other taxa as families, etc.) in your own language, or languages you are familiar with? In non-Latin alphabets please give both original and transposed versions (e.g. in Japanese, Chinese, etc.). Further suggestions are welcome.

It is a pleasant duty for the Editor to use this opportunity to express thanks to Agriculture Canada, namely its Graphics Unit, for help and effort to make PROCOTOS a better looking newsletter.
DIRECTORY 1974

The names, addresses and other relevant information listed constitute our first Directory of students of Proctotrupoidea. It is based on information received here through the Questionnaire; however, a few names are still missing because the forms have not yet been received. All additions, and changes will be published currently in future issues of PROCTOS. The Directory will be revised and updated once a year. Please let us know immediately about any change to your mailing address.

BIN, Ferdinando - Instituto di entomologia, Facoltà di Agraria, Università cattolica del Sacro Cuore, 29100 Piacenza, Italia (Taxonomy of Scclionidae; bibliography of Scclionidae).

CARDALE, Josephine C. (Miss) - Division of Entomology, CSIRO, P.O. Box 1700, Canberra, A.C.T., Australia (Taxonomy of Hymenoptera; preparation of catalogue of Australian species).

DESSERT, Paul - Institut royal des Sciences naturelles de Belgique, Section Entomologie, 31, rue Vautier B-1040 Bruxelles, Belgium (Systematics of Hymenoptera, Ceraphronidae).

FABRITIUS, Klaus - Institut Pedagogic, Laboratoire de Zoologie, Blvd. Lenin 124, Constanta, Romania.

FERGUSSON, Nigel D.M. - British Museum (Natural History), Cromwell Road, London S.W.7, England (All aspects of Proctotrupoidea study).

GALLOWAY, Ian D. - c/o Entomology Branch, Department of Primary Industries, Brisbane, William Street, Queensland, Australia 4000. (Biogeosystematics of the family Scclionidae with particular reference to Australia and the South Pacific Region).

HIROSE, Yoshimi - Division of Insect Natural Enemies, Institute of Biological Control, Faculty of Agriculture, Kyushu University, Fukuoka 812, Japan (Biogeosystematics of Scclionidae especially Telangus and the allied genera).


HUGGERT, Lars - Stocolatan 100, 902 46 Umeå, Sweden (Taxonomic and biological problems in Proctotrupoidea, Chalcidoidea, and Cynipoidea).

ITO, Ken - Entomological Laboratory, College of Agriculture, Ehime University, Tarumi-cho, Matsuyama, 790 Japan (Scclionidae, taxonomic studies, behavior, relationships with hosts, Platygastriidae).

JACKSON, Dale - Department of Biology, The University of Akron, Akron, Ohio 44304, U.S.A. (Platygastridae).

KOZLOV, Mikhail A. - 199164, Zoological Institute, Academy of Sciences, Leningrad, V-164, USSR, (Proctotrupoidea extant and fossil).

MacGOWAN, Matthew W. - Rm. 153 Clay Lyle Entomology Bldg., Department of Entomology, Mississippi State University, Starkville, Mississippi 39762, USA, (Taxonomy, biology, morpholgy of Platygastriidae, geographic and incerspecific variation in particular).

MANI, M.S. - School of Entomology, St. John's College, Agra-282002 India (Proctotrupoidea, esp. Scclionidae).

MASNER, Laborie - Biosystematics Research Institute, Agriculture Canada, K.W. Neatby Building, Ottawa, Ontario, Canada, K1A 0C6 (All aspects of studies on Proctotrupoidea s.l., family Scclionidae in particular).


NAGY, Carol G. - Marine Research Institute, Agiope-Constantza, Romania (Taxonomy, biology and zoogeography of genus Teles and of Gastoripteridae).

NAUMANN, Ian - c/o Department of Entomology, University of Queensland, St. Lucia, Brisbane, Queensland, Australia 4067 (Taxonomy and biology of Australian Diapriidae).

OSBORN, A.W. - Department of Biology, Caricamula Institute of Advanced Education, M.S. 76, Rockhampton, Queensland 4700, Australia (Biology of Proctotrupoidea).

RASNTSYN, Alexander P. - Paleontological Institute, Leninsky Prospect 33, Moscow V-71, 117071, USSR (Paleontology and evolution of Hymenoptera).

RIEK, Edgar F. - 19 Duffy Street, Ainslie, Canberra, Australia 2602 (Biogeosystematics of Australian species & phylogeny of the group).

SANTIS de, Luis - Facultad de Ciencias Naturales y Museo, La Plata, Republica Argentina (Taxonomy, incl. fossils, and biogeography of the group in broad sense).

SZABO, János B. - Institutum Hygienicum et Epidemiologicum Universitatis Medicinae a Semmelweis nominatum, Müllner u.40, Budapest 1085, Hungary (Taxonomy, ecology, ethology, zoogeography of Proctotrupoidea simplex).

TACHIKAWA, Tetsushirou - Entomological Laboratory, College of Agriculture, Ehime University, Tarumi-cho, Matsuyama, Japan (Proctotrupoidea, Chalcidoidea).

TOWNES, Henry K. - American Entomological Institute, 5950 Warren Road, Ann Arbor, Michigan 48105, USA (Proctotrupoidea, Heloridae, Ropronidae, Evanidae, Gasteruptiidae, Aulacidae).

VALENTINE, Emel W. - Entomology Division, D.S.I.R., Mt. Albert Research Centre, Private Bag, Auckland, New Zealand (Applied biological control; biogeosystematics of parasitic Hymenoptera of New Zealand).

Vlug, Henk J. - Institute of Phytopathological Research (IPD), Section Entomology, Binnenhaven 12, Wageningen, Netherlands (Platygastridae of the world).


YAMAGISHI, Kenzo - Entomological Laboratory, Faculty of Agriculture, Kyushu University, Fukuoka, 812 Japan (Systematics of Platygastriidae).