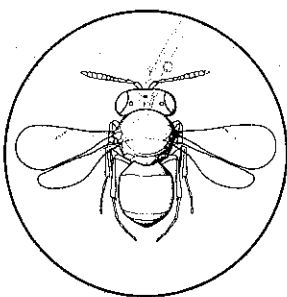


# proctos

Proctotrupoid Newsletter

Volume 1 Number 1 April 1975



Editor: Lubomir Masner  
Biosystematics Research Institute  
Agriculture Canada, Research Branch  
Ottawa, Ontario, Canada, K1A 0C6

Dear Colleagues:

The idea of editing a Newsletter devoted to the biosystematics of Proctotrupeoidea s.l. was met with overwhelming support from you. The Questionnaire sent 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 reprints of your future papers immediately after you get your supply from the publishers. Then the headline 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 (126mm. 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 only 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 in the shortest possible time to make this publication a fast and up-to-date source of news.

## TYPES & COLLECTIONS

### Kieffer's Collection in Bitche, 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 Platygasteridae.

Kieffer, born 17-2-1857 in Guinkirchen near Bitche, started his profession as a teacher at the "Collège St. Augustin" in Bitche in August, 1874. In 1884, his first publication about the fauna and flora of Bitche 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 Proctotrupeoidea. On the first of October, 1904, he was awarded the title "Doctor philosophiae naturalis honoris causa" by the University of Strassbourg. 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 (Tierreich 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 Collège I discovered five king-size double insect boxes containing mainly Heteroptera, Diptera, and Hymenoptera. Among the Hymenoptera were mainly Vespoids, Tenthredinids, Cynipids, Chalcids, Braconids, 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 Graeffe, Baker, Magretti, Szepliget, and Förster. The collection already

proved to contain type material of Chalcids and Proctotrupids. You can imagine that I was very disappointed not to find any Platygasterid 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. I borrowed the complete material 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:

M.H. Nominé - A la mémoire de M.L.'Abbé J.J. Kieffer, notice biographique. Bull. Oeuvre de Réconstruction Collège Bitche. Metz, 1926, 49pp.

M.H. Nominé - l'Oeuvre de J.J. Kieffer (1857-1925). Bull. Soc. Hist. nat. Moselle, 32, 1926, 59pp., 471 titles.

For more information, write to Henk Vlugg.

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 Bethyloidea, Cynipoidea, Aphidiidae, and one species of Chalcidoidea, there are types of 152 species of Proctotrupeoidea and Ceraphronoidea. Some species are represented by unique types, some by syntypes, 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 parts of original Baker's material are still housed. R.L. Doutt (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 Culicidae). CAS' reference collection of Proctos is small to moderate but there are also rich unmounted 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 Oligocene amber from Chiapas (Department of Paleontology; many specimens of *Mymaromma* sp.). Lubomir gave a lecture on "Evolution and biogeography of proctotrupoid 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 (*Psilus* n.sp.). Contact: Dr. K.S. Hagen.

University of California, Davis. No reference collection of Proctos and no types. A fine series of *Ropronia 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 Townes 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 Roproniidae, Aulacidae,

Gasteruptionidae 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 Platygasterids at Biosystematics Research Institute (CNC). We will call on Matt MacGown and Dale Jackson to hold the first minisymposium on Platygasterids here in Ottawa. Prior to coming to Ottawa, Henk visited Bitche and Amiens (collections of Kieffer and Carpentier). He also prepared a list of species of Platygasteridae from Foerster's collection in Vienna; the list also contains unpublished manuscript names 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 writing to Henk.

Ian Galloway 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 Lubomir Masner.

## PROJECTS IN PROGRESS

- |           |   |
|-----------|---|
| Bin       | Morphology & ecology of <u>Mantibaria manticida</u> (Kieffer); Kieffer's types of Scelionidae (Stockholm and Vienna).                           |
| Galloway  | Scelionidae of Australia (Ph.D. thesis).  |
| Huggert   | Redescription of some of Thomson's types of <u>Platygaster</u> Latreille including <u>Ceratacis</u> Thomson.                                    |
| Ito       | Revision of Oriental species of <u>Tiphodytes</u> Bradley and <u>Eumicrosoma</u> Gahan.   |
| Kozlov    | Study of Cretaceous Proctotrupeoidea from Tajmyr.   |
| MacGown   | Revision of <u>Amitus</u> Haldeman of the Western Hemisphere.   |
| Masner    | Revision of Nearctic Gryoninae, <u>Trichacis</u> Foerster, <u>Metaclisis</u> Foerster, <u>Acerotella</u> Masner. Study of phoretic Scelionidae. |
| Muesebeck | Revision of <u>Macroteleia</u> Westwood of the Western Hemisphere.  |
| Naumann   | Revision of Australian Diapriidae (Ph.D. thesis).   |
| Townes    | Revision of <u>Helorus</u> Latreille (world).   |
| Vlug      | Revision of European spp. of <u>Metaclisis</u> Foerst.  |
| Yamagishi | Revision of <u>Trichacoides</u> Dodd (world).   |

## EDITOR'S CORNER

It is hoped that PROCTOS 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 Proctomen." 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 Proctotrupeoidea (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 PROCTOS a better looking newsletter.

## RECENT PUBLICATIONS

- |                     |  |
|---------------------|--|
| Bin, F., 1974       | The types of Scelionidae (Hymenoptera: Proctotrupeoidea) in some Italian collections. - <u>Entomophaga</u> , 19: 453-466.<br>Sixty holotypes examined, some lectotypes designated, information and notes on types in Genova, Firenze, and Portici.   |
| Dessart, P., 1974   | <u>Szelenyides</u> , a new sub-genus of <u>Conostigmus</u> Dahlbom, 1857 (Hymenoptera: Ceraphronoidea, Megaspilidae). <u>Folia ent. hung.</u> , 27: 43-48.<br><u>Conostigmus</u> (subg. <u>Szelenyides</u> n. subg.) <u>confluens</u> n.sp. (type-species) and <u>gusztavi</u> n.sp. are described from Zaire (Congo). |
| Fabritius, K., 1974 | Die Gattung <u>Doliopria</u> Kieffer 1910 und nebenstehende Gattungen (Hymenoptera: Diapriidae). <u>Folia ent. hung.</u> 27: 53-57.<br><u>Szelenyopria</u> n.gen. is proposed for <u>Doliopria reichenspergeri</u> Ferrière and <u>Basalopria tucumana</u> n.gen. and n.sp. is described from Argentina.               |
| Huggert, L., 1974   | Revision of European species of the genus <u>Anopedioides</u> Förster (Hym. Proctotrupeoidea, Platygasterinae). - <u>Ent. scand.</u> 5: 277-288.<br>Redescriptions and lectotypes of three known species; <u>A. sundholmi</u> n.sp. from Sweden and Austria.   |
| Masner, L., 1974    | <u>Szelenyisca</u> n.gen., a New Genus of Neotropical Diapriidae (Hymenoptera: Proctotrupeoidea). <u>Folia ent. hung.</u> 27: 109-111.<br><u>Szelenyisca miricornis</u> n.gen. & n.sp. (Diapriinae, Diapriini) is described from Brazil.   |
| Szabó, J.B., 1974   | Neue Arten der Gattung <u>Piestopleura</u> Forst., 1856 aus dem Mecsek Gebirge, Ungarn. (Hymenoptera: Proctotrupeoidea). <u>Folia ent. hung.</u> 27: 211-215.<br><u>Piestopleura szelenyii</u> n.sp., <u>P. longiabdominata</u> n.sp. and <u>P. laticauda</u> n.sp. are described from Hungary.                        |
| Szabó, J.B., 1974   | Neue Arten und Gattungen der Scelioniden aus dem Äthiopischen Faunengebiet (Hymenoptera: Proctotrupeoidea, Scelionidae). - <u>Acta zool. Acad. sci. Hung.</u> , 20: 429-432.<br><u>Acanthofer abessinicus</u> gen.n. & sp.n. from Ethiopia, and <u>Paraduta ochracea</u> gen.n. & sp.n. from Uganda.                   |

## DIRECTORY 1974

The names, addresses and other relevant information listed constitute our first Directory of students of Proctotrupeoidea. 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 in your mailing address.

- BIN, Ferdinando** - Istituto di entomologia, facoltà di agraria, Università cattolica del Sacro Cuore, 29100 Piacenza, Italia (Taxonomy of Scelionidae; bibliography of Scelionidae).
- 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).
- DESSART, Paul** - Institut royal des Sciences naturelles de Belgique, Section Entomologie, 31, rue Vautier B-1040 Bruxelles, Belgium (Systematics of Hymenoptera, Ceraphronoidea).
- FABRITIUS, Klaus** - Institutul Pedagogic, Laboratorul de Zoologie, Bdl. Lenin 124, Constanta, Romania.
- FERGUSON, Nigel D.M.** - British Museum (Natural History), Cromwell Road, London S.W.7, England (All aspects of Proctotrupeoidea study).
- GALLOWAY, Ian D.** - c/o Entomology Branch, Department of Primary Industries, Brisbane, William Street, Queensland, Australia 4000. (Biosystematics of the family Scelionidae with particular reference to Australia and to the South Pacific Region).
- HIROSE, Yoshimi** - Division of Insect Natural Enemies, Institute of Biological Control, Faculty of Agriculture, Kyushu University, Fukuoka 812, Japan (Biosystematics of Scelionidae especially Telenomus and the allied genera).
- HOLLOWAY, G.A.** - Entomology Department, The Australian Museum, 6-8 College Street, Sydney 2000, Australia (Taxonomy and biology of Proctotrupeoidea).
- HUGGERT, Lars** - Skolgatan 100, 902 46 Umeå, Sweden (Taxonomical and biological problems in Proctotrupeoidea, Chalcidoidea, and Cynipoidea).
- ITO, Ken** - Entomological Laboratory, College of Agriculture, Ehime University, Tarumi 3-5-7, Matsuyama, 790 Japan (Scelionidae, taxonomic studies, behavior, relationships with host; Platygasteridae).
- JACKSON, Dale** - Department of Biology, The University of Akron, Akron, Ohio 44304, U.S.A. (Platygasteridae).
- KOZLOV, Mikhail A.** - 199164, Zoological Institute, Academy of Sciences, Leningrad, B-164, USSR, (Proctotrupeoidea extant and fossil).
- MacGOWN, Matthew W.** - Rm. 153 Clay Lyle Entomology Bldg., Department of Entomology, Mississippi State University, Starkville, Mississippi 39762, USA, (Taxonomy, biology, morphology of Platygasteridae, geographic and intraspecific variation in particular).
- MANI, M.S.** - School of Entomology, St. John's College, Agra-282002 India (Proctotrupeoidea, esp. Scelionidae).
- MASNER, Lubomir** - Biosystematics Research Institute, Agriculture Canada, K.W. Neatby Building, Ottawa, Ontario, Canada, K1A 0C6 (All aspects of studies on Proctotrupeoidea s.l., family Scelionidae in particular).
- MUESEBECK, Carl F.W.** - Department of Entomology, U.S. National Museum of Natural History, Washington, D.C. 20560 USA (Proctotrupeoidea in general).
- NAGY, Carol G.** - Marine Research Institute, Agigea-Constanza, Romania (Taxonomy, biology and zoogeography of genus Teleas and of Gasteruptionidae).
- 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, Capricornia Institute of Advanced Education, M.S. 76, Rockhampton, Queensland 4700, Australia (Biology of Proctotrupeoidea).
- RASNITSYN, Alexander P.** - Palaeontological Institute, Leninsky Prospect 33, Moscow V-71, 117071, USSR (Palaeontology and evolution of Hymenoptera).
- RIEK, Edgar F.** - 19 Duffy Street, Ainslie, Canberra, Australia 2602 (Biosystematics of Australian species & phylogeny of the group).
- SANTIS de, Luis** - Facultad de Ciencias Naturales y Museo, La Plata, Republica Argentina (Taxonomy, incl. fossils, and bionomics of the group in broad sense).
- SZABÓ, János B.** - Institutum Hygienicum et epidemiologicum Universitatis Medicinae a Semmelweis nominatae, Mária u. 40, Budapest 1085, Hungary (Taxonomy, oecology, ethology, coenology of Proctotrupid wasps).
- TACHIKAWA, Tetsusaburo** - Entomological Laboratory, College of Agriculture, Ehime University, Tarumi-cho, Matsuyama, Japan (Proctotrupeoidea, Chalcidoidea).
- TOWNES, Henry K.** - American Entomological Institute, 5950 Warren Road, Ann Arbor, Michigan 48105, USA (Proctotrupidae, Heloridae, Roproniidae, Evanidae, Gasteruptionidae, Aulacidae).
- VALENTINE, Errol W.** - Entomology Division, D.S.I.R., Mt. Albert Research Centre, Private Bag, Auckland, New Zealand (Applied biological control; biosystematics of parasitic Hymenoptera of New Zealand).
- VLUG, Henk J.** - Institute of Phytopathological Research (IPO), Section Entomology, Binnenhaven 12, Wageningen, Netherlands (Platygasteridae of the world).
- WALL, Ingmar** - BRD-7768 Stockach/Baden, 18 Hans-Kuony Strasse, German Federal Republic (Proctotrupeoidea/Diapriidae, Proctotrupidae/ & Chalcidoidea/Torymidae, Pteromalidae/ of Europe).
- YAMAGISHI, Kenzou** - Entomological Laboratory, Faculty of Agriculture, Kyushu University, Fukuoka, 812 Japan (Systematics of Platygasteridae).