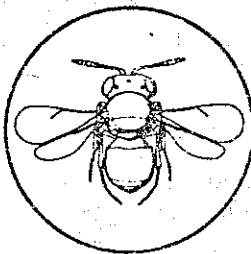


proctos

Proctotrupoid Newsletter

Volume 2 Number 1 April 1976



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EDITOR'S CORNER

This is to begin the second year of PROCTOS. The two preceding issues of Volume 1 (April & December 1975) hopefully met the goal - to bring our tiny community closer together. After the years of relative dormancy the proctotrupid research has now a handful of new students. It is hoped that there will be even more candidates to embark on this challenging field. To ensure this trend will continue the older students are urged to help the newcomers in every way. We all can catalyze this process by improving ties among ourselves by:

- 1) Answering letters promptly (not after 6 months or so when returning from a "major expedition to Utopia").
- 2) Distributing reprints of our papers automatically to all colleagues (including the Editor).
- 3) Being ready to help by lending materials, xerox copies of rare prints, information on "what's going on" etc.
- 4) Being cooperative, courteous and conciliatory (Holy Seclusion or Ivory Tower-ism of any kind be exterminated).
- 5) Support PROCTOS and its Editor in every way by keeping in constant touch, maintaining the two-way flow of information, sharing your knowledge with others.

Will you kindly excuse the Editor for coming up again with this sort of moralism. However, from some of your letters last year it became obvious that the principles listed above were not always fully respected. Complaints to the Editor logically resulted in this little column. Let us take the above credo quite seriously (this implies the Editor too). May I wish you a lot of success, energy and enthusiasm. May I also hope for further strengthening of ties among all of us. Let the 1976 be a Year of Progress in Proctotrupidology!

LETTERS TO EDITOR

PROCTOS is becoming popular even among "non-proctomen". Requests from students of Hymenoptera other than Proctotrupoidea to be put on mailing list are increasing. The Editor is welcoming this interest; however, we do not think that PROCTOS should expand to reporting regularly on non-proctotrupid events. In case of a major event that might bring some secondary benefit to study of Proctos (e.g. Bouček's trip to Australia, cf. "Scientific Travel") we intend to cover it.

In letters received here recently the scope of PROCTOS is being generally applauded. "I wish they would have one for chalcids" says Anthony Watsham, a chalcid student from Salisbury (Rhodesia). Heniek Garbarczyk puts it in plain message "Wonderful idea, useful to both specialists and beginners". Eberhard Königsmann (Berlin) "Ausgezeichnete Idee, und ich hoffe, dass Ihnen nicht die Luft ausgeht, zeitlich, geldlich und auch inhaltlich. Solch ein persönlich gehaltener Newsletter bietet viele Informationen, die man sonst nicht findet, und Kollegen, die man bisher nur aus Briefen oder Publikationen kennt, werden auf einmal zu Menschen". Carol Nagy concludes ".....PROCTOS, a very interesting Newsletter for us, which, I hope, will remain one of the most important pioneer works with special reference to co-operation, mutual help and, high level discussion of ideas between specialists. Keep up the good work!"

Many thanks for your words dear colleagues! This is the only reward the Editor can get for his effort. However, may I remind some of you that PROCTOS is a two-way street, where to GET should equal to GIVE. Please do not let the Editor "run out of air.....".

TYPES & COLLECTIONS

"The types of Australian species of the subfamily Scelioninae (Scelionidae: Proctotrupoidea)"

By I.D. GALLOWAY

In Australia the subfamily Scelioninae contains 239 species described in 37 genera. The first Australian species of this subfamily was described by Walker in 1839 from material collected by Charles Darwin. Since that time Kieffer, Crawford, Froggatt, Girault and Dodd have all described species belonging to the Scelioninae.

The vast majority of these species were described by A.P. Dodd from 1913 to 1939. A son of the well known lepidopterist, F.P. Dodd, Alan Dodd published his first scelionid description at the age of seventeen. Dodd was later to become better known for his work in the biological control of Prickly Pear and it was finally the pressure of these duties which prevented him from continuing with his studies of the Australian micro-hymenoptera.

Of the 239 described species, I have examined the types of all but three species whose types are held in the United States National Museum (Washington, D.C.). For these examinations I have concluded that:

- i) 79 species should be transferred to new genera.
- ii) 12 species belong to new but as yet unnamed genera.
- iii) 16 species should be transferred to new genera but the poor condition of the types precludes any decision on this placement at the moment.
- iv) 6 species whose types are in good condition are unsatisfactorily placed at the moment - however further study is required before the new generic placements can be made.

For the readers of PROCTOS I have compiled a complete list of Australian types. All synonymy, full bibliographic details and location of type are provided for each species and all synonyms are cross indexed in the text. Copies of this list can be obtained from the following address:

Mr. I.D. Galloway, Entomology Branch, Department of Primary Industries, William Street, BRISBANE, QUEENSLAND, AUSTRALIA 4000.

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Carol Nagy in a letter to the Editor (January 21, 1976) points out important information concerning Kieffer's types originally located at Bitche. Since we already have two articles on this subject (Vlug, Townes) the following words of P.L.G. Benoit (Ann. Mus. R. Afr. Centr., Sc. Zool. 8: 1, 1963) are reproduced here in original French.

"La localisation des types décrits par J.J. Kieffer constituait certes le problème à élucider. Il est regrettable que ma réussite à cet égard soit seulement partielle car la majorité des Bethyloides africains ont été décrits par cet auteur.

Tout laissait supposer que les types pour lesquels J.J. Kieffer ne mentionnait pas de musée faisaient partie de sa collection personnelle. Or toutes les tentatives antérieures aux miennes pour retrouver la trace de celle-ci s'étaient révélées vaines. Après divers recoupements j'acquis la certitude que des restes tout au moins en subsistaient au Collège épiscopal de Bitche en Alsace (France). Grâce à la grande complaisance des autorités de cet Institut j'ai obtenu la pleine liberté de circuler dans les locaux actuellement occupés et qui sont les seuls épargnés par les bombardements de la dernière guerre.

J'ai ainsi connu la satisfaction de pouvoir récupérer pour la Science une bonne partie de la collection personnelle de J.J. Kieffer

que j'ai aussitôt transmise, avec l'accord des autorités du collège de Bitche, au Muséum National d'Histoire Naturelle de Paris. La collection récupérée se composait en majeure partie de Proctotrupoidea; elle ne contenait plus de Bethyilidae. Il est maintenant certain que les types de Bethyilidae décrits par Kieffer et non localisés dans un musée ont été détruits lors de l'incendie et du bombardement du Collège de Bitche durant la guerre 1939-1945".

SCIENTIFIC TRAVEL

BOUČEK - Six months in Australia to study Girault's types of Chalcidoidea (Brisbane, Canberra, Adelaide) with main emphasis on study of type-species of about 600 genera described by A.A. Girault. Leaving for Australia in October-November '76.

MASNER - American Entomological Institute (Ann Arbor) and Michigan State University (East Lansing), 1 week in March-April to study collections.

NEW STUDENTS

LÊ XUÂN HUỆ - M.Sc. from Hanoi (Peoples Republic Vietnam), presently in Zoological Institute in Leningrad running for Ph.D. under supervision of Misha Kozlov (see also in New Projects & Reports).

SHAKHBAZBEKOVA D.K. - Zoological Institute, Azerb. Acad. Sci., Krylova 5, 370 073 Baku, USSR. Interested in Scelionidae of Azerbaijan.

EXPEDITIONS & COLLECTING

GALLOWAY - Collecting around Cairns (North Queensland), i.e. the typical localities of many species described by A.P. Dodd. Ian is driving a four-wheel drive vehicle to get to all kinds of terrain here and on the way back to Brisbane along the coast. Some of us would long to join you, Ian!

GRISSELL - All year round collecting of Proctos in Gainesville (Florida) in yellow pan traps. Very fine material, mainly of Scelionidae now on loan to L. Masner. Collecting in pan traps is generally productive in all groups of Proctos and we will bring you the details in the following issue of PROCTOS.

ITO - Collecting around Tokyo; several genera new to Japan.

KOZLOV - Misha is getting ready for another expedition to Mongolia this summer. How about catching a yetti this time?

RUMORS & GOSSIPS

The short note in PROCTOS (1/2/:3) about the birth of an ichneumonid Newsletter in London is no longer a rumor. The first issue of ICHNEWS appeared in January 1976 (M.G. Fitton & I.D. Gauld, editors). Well, happy birthday, ICHNEWS!

COMMON NAMES OF PROCTOTRUPOID WASPS

Ken Ito (January 24, 1976) is the first who answered Editor's appeal (PROCTOS 1/1/:2) to provide common names of proctotrupoids. The following are the Japanese common names of proctotrupoid and ceraphronoid families. The Editor is grateful to Carl M. Yoshimoto (Ottawa) for kindly reproducing Ken's characters of katagana (the upper line in Japanese characters).

Scelionidae

クロタマゴバチ科
Ku-ro ta-ma-go ba-chi-ka

Platygastridae

ハラビロヤドリバチ科
Ha-ra bi-ro yadori ba-chi-ka

Diapriidae

ハエヤドリクロバチ科
Ha-e yadori ku-ro ba-chi-ka

Heloridae

クシヒケ"クロバチ科
Ku-shi hi-ge ku-ro ba-chi-ka

Ropronidae

イシハラバチ科
Ishihara ba-chi-ka

Proctotrupidae

シリボソクロバチ科
Shi-ri bo-so ku-ro ba-chi-ka

Ceraphronidae

ヒケ"ナガ"クロバチ科
Hi-ge na-ga ku-ro ba-chi-ka

Megaspilidae

No Japanese common name

NEW PROJECTS & REPORTS

BIN - Settling down in Perugia; several shorter papers on habits and taxonomy of Telenominae & Scelioninae (in press and in preparation).

EARLY John - Department of Zoology, University of Canterbury, Christchurch 1, New Zealand, M.Sc. thesis "Bio-systematics of supralittoral Antarctopria in New Zealand and subantarctic islands" in preparation under the supervision of Prof. D.S. Horning who returned to Oregon, USA.

HUGGERT - Papers in press: 1) Notes on Anopedias in North America (Can. Ent.).

2) On some interesting African species of Platygastridae from Coll. Debauche..... (Rev. Zool. Bot. afr.).

In preparation: 1) Revision of Palearctic Idris (almost all types available).

2) Notes on Zetterstedt types of Platygastridae.

3) Notes on Ceratacis & Metanopedias.

KONONOVA - see Kozlov & Kononova

KOZLOV - Papers in press: 1) Kozlov & Kononova: Key to Telenomus. subg. Ahoicus with 10-segmented antennae (4 n.spp.).

2) Kozlov & Kononova: New species of Telenomus from USSR (6 n.spp.).

3) Kozlov & Kononova: Shortwinged species of Telenomus (3 n.spp.) from USSR & Mongolia).

- 4) Kozlov & Lê Xuân Huê: New genus of Telenominae from Afghanistan.

In preparation: Palearctic spp. of Eumicrosoma (n.sp. from Mongolia).

LÊ XUÂN HUÊ - see Kozlov & Lê Xuân Huê; also in preparation revisions of Palearctic spp. of Aporophlebus & Trissolcus.

MACGOWN - Platygasteridae associated with gall midges inhabiting coniferous trees in the United States of America and Canada Ph.D. thesis (MS received by L. Masner for comments).

NAGY - Illustrated key to European species of Teleas (in preparation; biosystematics studies in world Teleasinae).

TOWNES - Completion of MS on Proctotrupidae (will appear in 1977); preparation of meeting of world hymenopterists in Ann Arbor, August-September 1976.

YAMAGISHI - Study of larvae of Platygaster & Synopeas spp. Anyone familiar with media to preserve the larvae please contact Kenzou.

PROFILES



Klaus Fabritius - 34, married, no children. Hobby - photography.

Henryk Garbarczyk - 29, single, no children (?); nickname Heniek; hobbies - fishing, collecting of old and new maps, history of colonization. M.Sc. in biological sciences, ecology.

Lars Huggert - 33, single (but not a misogynist); hobbies - all aspects of natural history, music (classical in particular); also interested in carpentry and would not mind having that as a living; Ph.D., teaching at Umeå University.

Ken Ito - 25, birthday January 29; hobbies - fishing, cooking & eating, travelling. Message for Ken - A very good Japanese restaurant in Ottawa, umhm!

Mikhail Alexeevich Kozlov - 39, married, wife Marina, son Mitya (13); hobby - author of popular science books and articles on animals (e.g. protection of wolves). Ph.D. in zoology, research scientist.

Carol G. Nagy - 37, single; nickname - Karchy; hobby - only insects; D.Sc. in biological sciences, research scientist.

RECENT PUBLICATIONS

BIN, Ferdinando. 1975. A new species of Telenomus Haliday (Hymenoptera, Scelionidae) reared

from Hysteropterum flavescens Oliv. (Rhynchota, Fulgoridae). Entomologica 11: 183-187.

KOZLOV, Mikhail A. 1974. Early Cretaceous member of the family Pelecinidae (Hymenoptera, Pelecinidae). Paleont. Journal Moscow, 1: 144-146.

KOZLOV, Mikhail A. 1974. The role of food specialization in systematics of Proctotrupeoidea (Hymenoptera). Materials of the 7th Congress of All-Union Entomological Society, Part 1: 53-54. Leningrad 1974.

KOZLOV, Mikhail A. 1974. On the fauna of Proctotrupeoidea (Hymenoptera) of the Mongolian People's Republic. II. Isostasius Foerster, Inostemma Haliday (Platygasteridae). Insects of Mongolia, 2: 277-281.

KOZLOV, Mikhail A. 1975. A new Palearctic genus of the family Platygasteridae (Hymenoptera, Proctotrupeoidea) from Mongolia. Zoologicheskij zhurnal, 54: 965-967.

LOIÁCONO, Marta S. 1973. Notas sobre proctotrupeoideos neotropicales. I. (Hymenoptera). Neotropica, 19: 138-140.

MASNER, Lubomir 1975. Notes on the ectophilous diapriid genus Mimopria Holmgren (Hymenoptera: Proctotrupeoidea, Diapriidae). Can. Ent., 108: 123-126.

PSCHORN-WALCHER, Hubert & E. HAESELBARTH 1972. Zur Verbreitung der Proctotrupidae (Hymenoptera) in den Alpen. Nachrbl. Bayer. Ent., 21: 116-121.

RASNITZYN, Alexander P. 1975. Early evolution of higher Hymenoptera (Apocrita). Zoologicheskij zhurnal, 54: 848-860.

deSANTIS, Luis & Julia a Vidal Sarmiento. 1974. Nuevas citas de himenopteros para la republica Argentina. III. Rev. Soc. Ent. Agr., 34: 203-206.

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