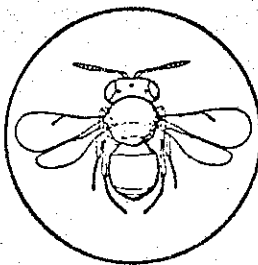


proctos



Proctotrupid Newsletter

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EDITOR'S CORNER

The present issue of PROCTOS is going to be the only one in 1977. The usual spring issue in April was skipped as only little agenda was accumulated at that time. This is, after all, well in line with our policies set in 1975 with the first issue of our Newsletter. It was anticipated that the early issues of PROCTOS would be filled primarily with organisational matters aimed to bring our tiny community closer together. This goal seems to have been largely achieved thanks to all of you who believe in sharing and giving. Numerous letters, mainly from new students, received by the Editor show beyond doubt that the Newsletter is on the right course. These words are the only recognition for our efforts. They also give us the necessary moral encouragement to carry on.

It has been stressed from the very beginning that our Newsletter may function properly only if a two-way flow of information exists between the readers and the Editor. Although this objective has been basically accomplished the much needed communication between the members of our community still suffers from serious gaps. Would you excuse the Editor for presenting here a short sermon for those who still prefer getting over giving. Let us remember the days of our modest beginnings when every word from older, more experienced colleagues, mattered a lot. We were grateful for this assistance that enabled us to get over the humps, to achieve the desired standards. Please remember that a good part of this success of ours has been passed on to us by others. The time has come for many of us to give back what we have borrowed. We are fortunate in having sparked interest in many new students. They need our help in every way. Please extend your hand NOW. Maybe, you will discover a joy in giving, and this is perhaps the essence of PROCTOS. Merry Christmas and a Happy Prosperous New Year to all you!

TYPES & COLLECTIONS

Henk Vlugg supplied the Editor with a copy of a plan of the original arrangement of Haliday's collection of Platygastriidae (now in Dublin). M.R.W. Graham (Hope Dept. Ent., Oxford) has been working on Haliday's collection of Proctotrupeoidea for a number of years. To preserve the original configuration of species (clusters) Graham has drawn a schematic plan with names used by Haliday. The data from this plan would certainly be of great use to students of Platygastriidae when soliciting Haliday's specimens from Dublin. Copies are available upon request from the Editor.

EXPEDITIONS & SURVEYS

- Barry Bendel (Carleton U., Ottawa) took off for 10 months collecting trip in S.E. Asia (Singapore, Malaya, Sumatra, Thailand, Burma, Ceylon). CNC has contract with Barry to get all parasitic Hymenoptera. Our advice to Barry is "Bring them back dead and yourself alive".
- Nando Bin and his wife Chiara were in Somaliland from January to June. Besides teaching at the university they also collected Proctos in the arid "horn of Africa". (CIBC) kindly extended his efforts into yet another year of collecting Hymenoptera in Trinidad, W.I. Pan traps and a modified version of Malaise trap are being used. The CNC is more than grateful!
- Fred Bennett

- Adryan Forsyth (Harvard U., Cambridge, Mass.) collected Hymenoptera, the Scelionidae in particular, for CNC in Costa Rica.
- Prof. R. Harsen (Queens U., Kingston, Ont.) offered collecting for CNC of Hymenoptera in virgin forests in New Guinea.
- Lars Huggert was a host to collecting party of Henk & Laura Vlugg, Veli Vikberg and Matti Viitasaari. The party visited numerous places in Sweden and Norway. According to Henk, Proctos were abundant, so were the biting flies.
- Norman Johnson used pan traps with success in New York (Ithaca) and Florida (a new species of *Leptoteleia*).
- Misha Kozlov visited Iran in September. How many new telenomines this time?
- Karl Krombein (Smithsonian Inst., Washington, D.C.) started using pan traps in Ceylon (Smithsonian Project on Ceylon).
- Lubomir Masner and family collected 7 weeks in S.W. USA (Texas, New Mexico, Arizona, Utah, Colorado). A hint for Henk Vlugg - not a single biting midge during those 50 days but lots of Proctos.
- Bill Mason (BRI, Ottawa) & wife Edith are collecting in Trinidad, W.I. (November, December). We expect a nicely sun tanned Santa Claus with Proctos this year from the Caribbean.
- Tim New (U.La Trobe, Bundoora) collected Hymenoptera in Chile.
- "Operation Ashmead" is a project aiming to bring fresh material of parasitic Hymenoptera from type localities of species described by W.H. Ashmead. Four phases planned over 5-8 years include places in Florida (St. John's Bluff near Jacksonville), Virginia (Arlington), Caribbean (St. Vincent, Grenada) and Philippines (Luzon). Smithsonian Institution kindly financed Phase I (Florida) with collecting commencing in spring of 1978. The ultimate goal is to provide fresh specimens for the making of homotypes by specialists studying in USNM. Potential designation of neotypes from this material is also sought. More information upon request from the Editor.

PROJECTS IN PROGRESS

- Fernando Agudelo (OAS, Santo Domingo) Biology of *Telenomus sphingis* Ashm. in Dominican Republic.
- Nando Bin Egg parasites of gipsy moth in Italy. Possible new sense organ in *Trissolcus* Ashm.
- Paul Cochereau (ORSTOM, Ivory Coast). *Telenomus* spp. associated with rice pests.
- John Early MSc thesis on littoral Diapriidae submitt ed. CNC thanks for donation of paratypes.
- Ian Galloway Revision of Australian species of *Duarina* Dodd (CNC is grateful for donation of specimens).
- Norm Johnson Species groups of Nearctic *Telenomus* spp. based on male genitalia (PhD thesis).

Misha Kozlov A new genus of Inostematinae from Holarctic region. A new genus of Scelionidae from the Far East. A new genus of Platygastriidae from Armenia. The *Telenomus* spp. of USSR and adjacent countries (jointly with S.V. Kononova). A new palearctic species of *Eumicrosoma* Sah. (with S.V. Kononova).

Lubomir Masner Synopsis of world Aradophagini. Review of world Embidobiini with descriptions of new genera. Pictorial key to Holarctic genera of Scelionidae.

Ian Naumann Australian Ambositrinae. PhD thesis submitted; 440 pp., 535 figs. A superb job, Ian! Also thanks for donation of paratypes to CNC.

Alik Rasnitsyn Evolution of Hymenoptera. A book in press, will appear in 1979. Many of us will be waiting patiently!

Raymond Ross (U.San Jose, Calif.) MSc thesis on Pelecinidae. The Little Big Problem nobody did care to pick up. Good luck Ray!

Kenzou Yamagishi PhD course at the Kyushu U. Three years of struggle with Platygastriids ahead. Anyone keen to help Kenzou?

"Studies on the taxonomy of the Proctotrupeoidea from India". This is a five year project (1976-1980) sponsored by the USDA (PL-480) and Indian Council of Agric. Research. The team of three research officers (Dr. M.K. Mukerjee, Dr. G.G. Saraswat and Mr. S.K. Sharma MSc) is headed by emeritus Prof. M.S. Mani (School of Entomology, St. John College, Agra). The effort is to survey the proctotrupid fauna of India. For the first papers published see "Recent Publications".

PROFILES.....

Victor H. Chambers Born 1911, BSc, PhD (Imp. College, London); until 1972 in research and development in agrochemical and pesticide industry; at present active in nature conservation; interests in Aculeata (since 1930), sawflies (since 1939), collecting also Braconidae; active interest in Belytinae of Eastern England (Bedfordshire).

Helio N. Espinola BSc, D.A.P. & E. (London U.), PhD; Brazilian national, currently professor of parasitology U. Federal Minas Gerais; in 1976 joined for two years the Chagas Disease Vector Research Unit (UNIVEC) in Maracay; main interest - all aspects of Reduviidae bugs and Triatominae in particular.

James B. Johnson 26, married, wife Janice; BSc U. Michigan; hobbies - observing and collecting insects, especially Psyllidae and parasitic Hymenoptera; main interest in Chalcids.

Giovanni Mineo PhD (Agric. Sciences), also teaching in biological and integrated control; married, two children, Roberta (7) and Nicola (5); hobbies - hunting, Scelionidae.

NEW STUDENTS

James B. Johnson 1622 Berkeley Way No. 4, Berkeley, Calif. 94703, USA.

Victor H. Chambers 50 Shefford Road, Meppershall, Beds. SG7 5LL, England

NEW SUBSCRIBERS

F. Agudelo S. (Santo Domingo, Dominican Rep.)
 P. Cochereau (Bouake, Ivory Coast)
 Entomological Library, British Museum (London, England)
 P. Fidalgo (Tucuman, Argentina)
 M.K. Mukerjee (Agr, India)
 T. New (Bundoora, Australia)
 R. Ross (San Jose, USA)
 G.G. Saraswat (Agra, India)
 S.K. Sharma (Agra, India)

MININEWS

Klaus Fabritius informed the Editor that he and all colleague hymenopterists in Romania survived the disastrous earthquake that hit Bucharest early this year. The Antipa Museum, however, was badly damaged by the tremor.

Gordon Gordh Left the USDA Washington; his new post is the U. Riverside, California. Returning recently from 6 month study trip to Leningrad (ZIN) Gord will probably focus now more on the Encyrtidae.

Eric Grissell is expected to be the replacement for Gordon's post in Washington. Well, this means no more fine Proctos from pan traps in Gainesville (Fla.). But how about "Operation Ashmead", Eric!

Misha Kozlov was instrumental in organizing the international symposium on entomofaunistics in Central Europe held in Leningrad last September.

Ian Naumann joined the Commonwealth Scientific and Industrial Organisation (CSIRO) in Canberra in capacity of a research scientist. Ian replaces Edgar Riek who retired recently. Besides Proctos Ian will probably poke also into Chalcids. (U. Florida, Gainesville) prepared a bibliography on parasites of citrus blackfly (*Aleurocanthus woglumi* Ashby).

CHANGE OF ADDRESS

Lars Huggert new home address Alidbacken 9 90241 Umeå, Sweden

David B. Levin new home address 26 Arthur St. S. Guelph, Ontario, Canada, N1E 5K4

Ian Naumann new office address CSIRO, Division of Entomology, P.O. Box 1700, Canberra City, A.C.T., 2601, Australia

INTERNATIONAL TRAVEL

Norm Johnson spent several days in BRI, Ottawa, consulting with Lubomir Masner on taxonomy of Telenominae, the subject of Norm's PhD thesis.

S.V. Kononova is again in ZIN, Leningrad to work with Misha Kozlov, among other things also on a new book on *Telenomus* of USSR.

David Levin visited BRI, Ottawa, for consultations; David also brought collection of proctos from U. Guelph for examination.

Lubomir Masner visited Gainesville (Florida Dept. Agric.), USNM and MCZ in March-April.

RECENT PUBLICATIONS

The following list comprises papers received here in reprints or seen in various referative journals. It is rather painful to remark again that some authors still fail to send us reprints while getting PROCTOS with all the information free. This makes the Editor ponder about the semantics of the term "social parasitism".

- Annecke D.P. and G.L. Prinsloo 1977. A new species of *Allotropa* Foerster (Hymenoptera, Platygasteridae) parasitic in the citrus mealybug, *Planococcus citri* (Risso) (Homoptera: Pseudococcidae) in South Africa. *J. Entomol. Soc. Sth. Africa* 40: 105-108.
- Egewatu, R.I. and T.A. Taylor 1977. Development of *Gryon gnidus* (Nixon) (Hymenoptera: Scelionidae) in eggs of *Acanthomia tomentosicollis* (Stal) (Hemiptera: Coreidae) killed either by gamma radiation or by freezing. *Bull. Entomol. Res.* 67: 31-33.
- Galloway, I.D. 1976. The types of Australian species of the subfamily Scelioninae (Hymenoptera: Scelioninae). *Q. Journ. Agric. & Animal Sci.* 33: 83-114.
- Hedqvist, K.J. 1976. *Vanhornia leileri* n. sp. from Central Sweden (Hymenoptera: Proctotrupidae, Vanhorniinae). *Ent. Scand.* 7: 315-316.
- Huggert, L. 1977. Three gynandromorphic specimens of *Idris piceiventris* (Kieffer) (Hymenoptera, Proctotrupoidea: Scelionidae). *Ent. Scand.* 8: 158-160.
- Huggert, L. 1977. Descriptions and resdescriptions of species of the genus *Trichopria* Ashm., 1893 from Malgassy and the Ethiopian region (Hymenoptera, Proctotrupoidea: Diapriidae). *Ent. Scand.* 8: 205-217.
- Kozlov, M.A. and H.X. Le 1977. Palearctic egg parasite species of the *Trissolcus flavipes* Thomson group (Hymenoptera, Proctotrupoidea, Scelionidae) *Entomol. Obozr.* 55: 657-667.
- Kozlov, M.A. and H.X. Le 1977. Two new species of the genus *Trissolcus* (Hymenoptera, Scelionidae) in the fauna of the USSR. *Zool. Zhur.* 56: 1253-1255.
- Mani, M.S. 1975. On a collection of Scelionidae and Platygasteridae (Hymenoptera: Proctotrupoidea) from India. *Mem. School Ent. Agra* 4: 63-80.
- Mani, M.S. and M.K. Mukerjee 1976. On some Baeinae (Proctotrupoidea: Scelionidae) from India. *Oriental Insects* 10: 497-526.
- Masner, L. 1976. A revision of the Ismarinae of the New World (Hymenoptera, Proctotrupoidea, Diapriidae). *Can. Ent.* 108: 1243-1266.
- Masner, L. 1977. A new genus of ecitophilous wasps from Arizona (Hymenoptera: Proctotrupoidea: Diapriidae). *Can. Ent.* 109: 33-36.
- Muesebeck, C.F.W. 1977. The parasitic wasps of the genus *Macroteleia* Westwood of the New World (Hymenoptera, Proctotrupoidea, Scelionidae). *U.S. Dept. Agric., Techn. Bull. No. 1565*, 57pp.
- Szabó, J.B. 1975. A new species of the genus *Platytenomus* Dodd, 1914 from Hungary (Hymenoptera: Proctotrupoidea, Scelionidae). *Folia Entomol. Hung.* 28: 177-179.
- Szabó, J.B. 1976. Neue Daten zur Kenntnis der Gattung *Asolcus* Nakagawa, 1900 (Hymenoptera: Proctotrupoidea, Scelionidae). *Folia Entomol. Hung.* 29: 175-191.
- Starý, P. 1977. *Dendrocerus* hyperparasites of aphids in Czechoslovakia (Hymenoptera, Ceraphronoidea) *Acta. Entomol. Bohemosl.* 74: 1-9.
- Tachikawa, T., Miyahara, M. and K. Yamada 1977. Hymenopterous parasites of the eggs of *Plautia stali* Scott (Hemiptera: Pentatomidae) in Japan. *Trans. Shikoku Ent. Soc.* 13: 131-132.
- Tachikawa, T. and E. Sasaki 1977. Chalcidoid and Proctotrupoid parasites (Hymenoptera) of *Parnara guttata* (Lepidoptera: Hesperidae) from Shikoku. *Trans. Shikoku Ent. Soc.* 13: 133-135.