



# Scarabaeus

A NEWSLETTER FOR THOSE INTERESTED IN SCARABAEIDAE

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As you will notice, this issue of SCARABAEUS contains no photographs of scarabaeologists. This is the result of several factors, including the lack of time at the end of the year to prepare the master from which the printed newsletter is prepared, and the lack of photographs. I would like to again request that you send a photo, if you haven't already done so. More will appear in the next issue.

This number of SCARABAEUS will include a complete listing of the mailing list which we use. There have been a number of changes from the earlier list we printed, as well as a number of additions. If there are any persons who you feel should be included in this listing, but are not, please let us know.

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#### NOTICES AND ANNOUNCEMENTS

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WANTED: Need specimens, loans, photos, correspondence on Inca, Golinca. Interested in obtaining C. American Phanaeus and the smaller Oxysternon from the area, have good Phanaeus for exchange. Julius O. Boos, c/o 1234 Westchester Dr. E., West Palm Beach, FLA. 33417, USA

WANTED: Prof. R. Paulian, revising the Scarabaeoid fauna of New Caledonia would greatly appreciate the opportunity of studying available material of these groups from the area. I would like to see as much as possible of any material in collections. R. Paulian, La Rouviere, Port Ste. Foy, F-33220 Sainte Foy la Grande, FRANCE.

TRADE: New, current collections and trading list available upon request. Seek contact with other scarab traders and field collectors worldwide. Send your list for mine. Dr. Ronald M. Young, Systematics Research Collections, University of Nebraska State Museum, W436 Nebraska Hall, Lincoln, NE 68588-0514, USA.

COPIES AVAILABLE- Copies of the complete obituary and bibliography of Dr. S. Endrodi, as announced in the last SCARABAEUS, are now available from the editor of SCARABAEUS without charge.

NEW NEWSLETTER- "The Flyer", a newsletter for those interested in Diptera has just appeared. The first number includes comments about Diptera collections, featuring the United States National Museum of Natural History; information upon several cataloging projects; news of dipterists; other notes, and a questionnaire. For further information, contact Dr. F. Christian Thompson, Systematic Entomology Laboratory., USDA, NHB-168, US National Museum, Washington, D.C., 20560, USA.

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REPORT AVAILABLE- A recent report upon newsletters has been published. This research report, undertaken by the British Museum, includes replies from over 100 editors of newsletters, including SCARABAEUS. The published report was described as:

Research Newsletters in the Life Sciences: their scope, advantages and future.  
By H. V. Wyatt. British Library R & D Report no. 5897, 77pp. A8 double space typing plus 25 pages of tables and 1 graph. Obtainable from: British Library Publications Sales Unit, Boston Spa, W. Yorkshire LS23 7BQ, England. Available in fiche or photocopy, 2 pounds 95 (fiche) or 17 pounds 70 (photocopy) for seamail.

A summation of the results:

1. Newsletters form a stable, important, inexpensive, democratic and relatively quick means of communication between scientists.
2. Social newsletters perform a useful function and many contain a small portion of research information but are mainly ephemeral.
3. Research newsletters, although they may have some social content, are primarily current awareness and archival in function. They are not usually in the public domain, having mainly a closed, private circulation.
4. In zoology and botany they can form an important link between the Professional scientist and the amateur (who may be a professional scientist in another sphere).
5. Research newsletters are particularly suited for communication within an invisible college with a clearly defined and limited subject e. g. a particular small group of animals or the genetics of a particular organism.
6. The research newsletter is particularly suitable for information not usually suitable for scientific journals: continuing updating of gene symbols and nomenclature, location of mutants, strains and stocks, museum collections, new species, distribution, computer programs and bibliographies of all kinds
7. Short technical notes, short research findings, observations, new ideas and compilations of data are also suitable.
8. Publication of directories of workers with their interests, current research and willingness to perform assays, identifications etc. can be a useful service.
9. The research newsletter can initiate, coordinate and publicize cooperative research efforts.
10. The research newsletter can be the pivot for meetings, collections and exchange of information within a group.
11. Bibliographies of published work, sent in by the members of the invisible college, are a unique and important form of specialized bibliography.
12. By using word-processors linked to typesetting machines and offset litho printing, the production of newsletters can be kept very cheap. By sending the electrostatic masters by airmail overseas for local printing, postage costs can be reduced & more timely delivery made to distant lands.
13. Small subsidies to newsletters to pay for third world subscriptions would be a very efficient form of help.
14. Newsletters can be considered as prototypes for information computer networks. One of the disadvantages of such networks could be partially overcome if a linked newsletter could be used to communicate to those without terminal access.
15. Research newsletters should be encouraged and so far as possible, newsletter editors should be made aware of the variety of items which have been found useful in other newsletters.

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INTERNATIONAL YOUTH/AMATEUR ENTOMOLOGIST ORGANIZATION- We have received the following:

I would like to take this opportunity to tell you about a unique and outstanding international entomological organization that caters to the special needs of youth and amateur entomologists, but is also worthwhile for Professional entomologists. The organization is Y.E.S.- the YOUNG ENTOMOLOGISTS' SOCIETY. Our Programs and services are made Possible by affiliation with the United States Department of Agriculture, Michigan State University, the Entomological Society of Canada, and the American Entomological Society. Major financial support comes from our membership.

Y.E.S. has many useful Programs. For example, we assist all entomologists in establishing contact with colleagues in other geographical regions who share similar entomological interests, so that they might learn from one another by sharing information, advice, literature, and specimens. We offer an opportunity for youth and amateur entomologists to become involved in the actual operation of a society, and to publish their articles and illustrations in a journal free of page charges. We also sponsor activities such as illustration, Photography and writing competitions for youth members. Y.E.S. has something for everybody!

The Society journal, Y.E.S. QUARTERLY, is well worth the nominal membership fee. It is one of our primary methods of informational exchange among members and is full of informative articles, as well as illustrations, Society news, field notes, puzzles, poems, and much more. We also publish an annual member Directory and other special publications.

Professional entomologists are encouraged to become involved in Y.E.S., as members or volunteers, because they serve as role models and teachers to guide the personal and educational development of other members. I encourage YOU to become involved! If you are not personally interested in this type of Program, I hope you will put in a good word for us whenever possible (personal communications, newsletters, etc.). Y.E.S. has activities, Programs and services that are ideal for all types of entomologists, science and biology teachers, naturalists, museum personnel, and other interested individuals.

Additional details about our programs, services, and enrollment procedures (including scholarships and exchange memberships) are contained in a Y.E.S. brochure. If I can provide you with further information, copies of the brochure, or a sample copy of our journal, please don't hesitate to contact us at Y.E.S. International Headquarters, Department of Entomology., Michigan State University, East Lansing, MI 48824-1115 USA. Thank you. Gary A. Dunn, Extension Entomologist, USDA, Y.E.S. Advisor and Editor.

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**QUESTIONNAIRE RESPONSES**

In the summaries below we have used a few abbreviations, and a standard format. First will be the NAME of the worker, followed by the GENERAL FIELD OF INTEREST; [(T) taxonomy, (BC) biological control, (Be) behavior, (Bi) biogeography, (LH) life histories, (L) larval]; the TAXONOMIC AREA OF INTEREST; how many PAPERS PUBLISHED on Scarabaeidae; indication of a PRIVATE COLLECTION and its size; if there is a desire to EXCHANGE SPECIMENS; if there is a willingness to IDENTIFY MATERIAL; and any further comments.

Please remember that an indication of a willingness to identify material should be confirmed in correspondence before sending any specimens.

JULIUS O. BOOS, USA; T;Be;Bi; Dynastinae, Trichiinae of world, Scarabaeinae (esp. Phanaeus, Oxysternon); 1; collection of 2000; will exchange some; some identifications; working on Inca, Golinca. Would like to exchange, borrow specimens, photos.

RICHARD ALLEN CUNNINGHAM, USA; T;Be;Bi;Lh;L; all groups, nearctic, neotropical; 4,000 specimens; 0; no identifications, will exchange all groups. California Phyllophaga.

ANGUS MACQUEEN, Australia; BC;LH;Community structure; Scarabaeinae; no collection; 2; no identifications; no exchanges. Biological control of Buffalo Fly.

MIGUEL ANGEL MORON, Mexico; T;Be;Bi;LH;L; Melolonthinae, Rutelinae, Dynastinae, Cetoniinae, Trichiinae, Orphninae, Hybosorinae, Scarabaeinae, from Neotropical region; 40; 30,000 specimens; will identify, will exchange for worldwide fauna. Revision of Plusiotis, Chrycina, revision of Mexican Phyllophaga, description of larvae and pupae of the above subfamilies, faunistic studies of selected Mexican localities. Wishes to borrow material.

VASANA SUKAPANPOTHARAM, Thailand; T;BC;Be;Ecology; Scarabaeoidea, worldwide; 1; small collection; will identify; will exchange in future. Will be studying bruchids on mungbeans and Dynastids. Wishes to borrow material.

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#### PASSALIDAE NEWS

Edited by Isa Montenegro

We have heard from Jack Schuster, who is working and teaching in Guatemala.

Jack is currently working with Pedro Reyes-Castillo on a revision of the genus *Ogyges*. In connection with his work on the biogeography of Passalidae of Mesoamerica he "would like to receive specimens for identification and collecting data on passalids from this region, especially above 1500 m altitude." He may be contacted at: Dr. Jack Schuster

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