

CHIRONOMUS

MITTEILUNGEN AUS DER CHIRONOMIDENKUNDE
NEWSLETTER OF CHIRONOMID RESEARCH

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ANNOUNCEMENT OF THE NINTH INTERNATIONAL SYMPOSIUM ON CHIRONIMNOMIDAE IN BERGEN, NORWAY, JULY 29-30, 1985

The Ninth International Symposium on Chironomidae to be held July 29-31, 1985, in Bergen, Norway, will be sponsored by the Museum of Zoology, University of Bergen, hopefully with support from the Norwegian Research Council. The meetings will be at the University, and housing, if desired, can be obtained in small hotels and pensions within walking distance of the campus. Meal service will be available on campus, as well as in restaurants in the city of Bergen.

Hotel costs, including breakfast, are calculated at 300 Norwegian crowns per day per person, single room, 200 Norwegian crowns per person, double room. Some larger rooms will also be available.

Following the symposium, an excursion to the High Mountain Biological Research Station of the universities of Oslo and Bergen at Finse has been arranged for August 1-3. The group will travel by bus, boat and train through some of the more scenic parts of the Norwegian fjords and mountains. The station has laboratory facilities, but not enough rooms for the participants, who will be lodged in a nearby tourist hotel. Collecting trips are planned to the glacier Hardangerjokulen, as well as other areas of interest. The excursion will terminate at Finse, and participants may leave by train for either Bergen or Oslo, or, if they prefer, stay on at

Finse for more extensive collecting. The cost of the excursion, including the hotel at Finse and all meals, will be approximately 900 Norwegian crowns for participants electing to return to Bergen on August 3, and 950 Norwegian crowns for members who travel to Oslo.

An invitation is extended to all scientists engaged in research on any aspect of the Chironomidae to attend and participate in the conference.

Arrangements are being made to have presented papers published in a supplement volume of *Entomologica Scandinavica*. The text must be available for submission to the editor at the end of the symposium. Papers exceeding seven printed pages may be accepted at full length, but will carry a page charge. A final call for papers will be issued at a later date. Please note, however, that the deadline for submitting the title of a paper and an abstract of less than 150 words is April 1, 1985.

If you plan to attend the symposium, please fill out the enclosed questionnaire and submit it to the secretary of the organizing committee, Dr. E. Willassen, at the address given on the questionnaire.

On behalf of the organizing committee. ...Ole A. Saether.

RECENT PUBLICATIONS:

Chaudhuri, P.K. and Ghosh, M., 1982, Record of Chaetocladius Kieffer (Diptera: Chironomidae) from India. *Folia ent. hung.* 63: 57.

Chaudhuri, P.K. and Ghosh, M., 1982, Orthocladine midges of the genus Orthocladus v.d. Wulp (Diptera: Chironomidae) from eastern India. *Ann. Zool.* 36: 492-500.

Guha, D.K., Chaudhuri, P.K. and Nandi, S.K., 1981, Taxonomic studies of Chironomidae (Diptera: Chironomidae) of India. Genus Dicrotendipes Kieffer. *Proc. Zool. Soc. Calcutta* 33: 29-38.

Chaudhuri, P.K., Ghosh, M. and Nandi, S.K., 1983, Postembryonic stages of Tanypus bilobatus (Kieffer) n. comb. *Arch. Hydrobiol.* 97: 123-135.

Chaudhuri, P.K. and Debnath, R.K., 1983, Studies of the Indian Tanypodinae (Diptera: Chironominae). Genus Procladius Skuse. *Zool. Jahrb. Syst.* 110: 110-123.

Hudson, P.L., 1983, Chironomidae. IN: Aquatic insects of Upper Three Runs Creek, Savannah River Plant, South Carolina. Part II: Diptera. *Jour. Ga. Entom. Soc.* 18(3): 303-316.

Hudson, P.L. and J.L. Oliver, 1983, Small portable suction sampler for quantitatively sampling macroinvertebrates and periphyton on bedrock. *Prog. Fish-Cult.* 45(2): 123-124.

Matter, W.J., P.L. Hudson and G.E. Saul, 1983, Invertebrate drift and particulate organic material transport in the Savannah River below Lake

Hartwell during peak power generation cycle pp. 357-370. IN: T.D. Fontaine III and S.M. Bartell (eds.), Dynamics of lotic ecosystems, Ann Arbor Science, Ann Arbor, Michigan.

DOCTORATE COMPLETED

Ramendra Kumar Debnath, Department of Zoology, T.D.B. College, Raniganj 712247, India. Title of thesis: Taxonomic studies of Tanyptodinae (Diptera: Chironomidae) of West Bengal, India. Examining Committee: Dr. P.K. Chaudhuri, Dept. of Zoology, University of Burdwan, India (Supervisor); Dr. A.D. Harrison, Professor of Biology, University of Waterloo (Canada) (External Examiner); Dr. B.K. Tikadar, Director, Zoological Survey of India, Calcutta (External Examiner).

RESEARCH REQUESTS

Drs. P.K. Chaudhuri and D.K. Guha have undertaken the revision of the type-specimens on Chironomidae of the National Zoological Collections (NZC) at the Zoological Survey of India, Calcutta. They desire copies of research publications of Chironomids from colleagues in all parts of the world, especially those from Afrotropical, Australasian, and Oriental regions. The paratypes of the species studied by the workers will also be welcome on a loan basis. ... Dr. P.K. Chaudhuri, Entomology Laboratory, Department of Zoology, University of Burdwan, Burdwan-713 104 India.

Life history studies of California Chironomidae have revealed an interesting series of associated specimens, the adults of which key to Tribelos Townes (Chironomini). Examination of the reared specimens, however, has made it clear that the current generic limits for Tribelos are too broad, despite the removal from Tribelos of the new genus Hyporhygma Reiss. In a projected taxonomic paper based on Californian representatives, diagnoses of Tribelos and Endochironomus Kieffer will be revised and new genera established. Selected specimens from regions outside of California have been studied, including examples of all described Nearctic species of Tribelos. Additional reared material of Nearctic Tribelos or Endochironomus would greatly facilitate this study. Also, the loan of any specimen of Endochironomus oldenbergi Goetghebuer or of larvae or pupae of Tribelos fusciorne (Malloch) would be appreciated. ...Gail Grodhaus, Department of Health Services, 2151 Berkeley Way, Berkeley, California 94704, USA

Information on life histories of Chironomidae is now being gathered so that scattered information can be made more accessible to chironomid workers. To facilitate this study, publications on Chironomidae as well as descriptions of current research, or results of rearing efforts is being solicited. ...David L. Evans, 31 SW 21-A St., Archer, Florida 32618, USA.

A study of the immature stages of Ablabesmyia is now in progress, and reared material of Ablabesmyia cinctipes and Ablabesmyia rhamphe is requested ...Selwyn S. Roback, Academy of Natural Sciences of Philadelphia, 19th and the Parkway, Logan Circle, Philadelphia, Pa. 19103.

NOTES FROM SUBSCRIBERS:

In April I moved from Clemson, South Carolina, to a position with the U.S. Fish and Wildlife Service, Great Lakes Fishery Lab. Our present project involves an Army Corps of Engineers study of macrozoobenthos, aquatic macrophytes, and juvenile fish in the St. Clair-Detroit River System, to assess the possibility of impacts on the biota resulting from an extension of the navigation season to midwinter. ... P.L. Hudson, Great Lakes Fishery Laboratory, 1451 Green Road, Ann Arbor, Mi. 48105, Tel. 313-994-3331

I am now, and have been for the past year, in the Entomology Department (Systematic Division) instead of the Limnology Department. ...Selwyn S. Roback, Academy of Natural Sciences of Philadelphia, 19th and the Parkway, Logan Circle, Philadelphia, Pa. 19103.

Approximately 1300 reprints (or books respectively) about chironomids (systematics, ecology, physiology) are offered for sale. This collection of literature begins with the most important publications of Kieffer, Goethghebuer, and Thienemann up to the present and has been arranged in different volumes, including a bibliography. If interested, please contact Priv.-Doz. Dr. Jens Lehmann, Landesanstalt für Fischerei, Nordrhein-Westfalen, D-5942 Kirchhundem 1 - Albaum, West Germany.

The following is offered for sale from the New York State Science Service. Address requests to: Public Sales, New York State Museum, 3140 Cultural Education Center, Albany, New York 12230.

Bode, R.W., 1983. Larvae of North American Eukiefferiella and Tvetenia (Diptera: Chironomidae), Bull. 452, 40 pp. (price, \$5.00)

Simpson, K.W., Bode, R.W. and Albu, P., 1983, Keys for the Genus Cricotopus adapted from "Revision der Gattung Cricotopus van Der Wulp und ihrer Verwandten (Diptera, Chironomidae)" by M. Hírvenöja. Bull. no. 450, 133 pp. (price, \$9.00)

FAUNISTIC NEWS

This new section has been added to "Chironomus" to provide timely reports of new occurrences or unusual biology of genera or species. Many such reports may be delayed months or years until an opportunity occurs for inclusion in a larger publication. Short communication sections are available in many entomological journals, but some writers are reluctant to send short notes. We hope our readers will avail themselves of this new

service to keep their colleagues informed of unusual new observations or distributions.

NEW FAUNISTIC RECORDS OF CHIRONOMIDAE FROM THE ZOOLOGISCHEN STAATSSAMMLUNG, MUNCHEN, by FRIEDRICH REISS

"Cryptochironomus" acutus (Goetghebuer, 1936). First record outside tropical Africa and Madagascar. About 30 km southwest Eregli, Central Anatolia, Turkey; 21.8.1977, leg. H. Utschick; 1 male adult. Known from Zaire, Cameroun, Chad, Nigeria, South Africa, and Madagascar. Another new record of the species is East Africa: Baringo Lake, Kenya, 24.1.1978, leg. J. Reichholf; 1 male adult.

Cryptotendipes darbyi (Sublette, 1960). First record for the Western Palaearctic region. Munsala, about 20 km south of Karleby, Gulf of Bothnia, Finland; 7.14.8.1982, light trap, leg. K. Mueller; some male adults. Known from North America and Mongolia.

Gillotia sp. First record of the genus for South America. Anavillanas, Lower Rio Negro, State of Amazonas, Brazil; 25.4.1982, surface drift, leg. E.J. Fittkau; several male and female pupal skins. The genus is known from the Nearctic and Afrotropical regions.

Nilothauma brayi (Goetghebuer, 1921). First record for Germany and the alpine area. Schoengeising near Fuerstenfeldbruck, Bavaria; 7.7.1983, light trap, leg. W. Schacht; 1 female adult.

Nilothauma sp. First record of the genus for South America. Rio Negro near Tapuruquara, State of Amazonas, Brazil; 6.2.1963, surface drift, leg. E.J. Fittkau; 1 larval skin. The genus is known from the Holarctic and Afrotropical regions.

Robackia sp. First record of the genus for South America. Rio Negro near Tapuruquara, State of Amazonas, Brazil; 6.2.1963, surface drift, leg. E.J. Fittkau; several larval skins. The larva is very closely related to R. claviger (Townes) from North America. The genus is known from the Holarctic region.

Saetheria reissi Jackson, 1977. First record for the Mediterranean region. Chios, north of Keramos, Greece; 19.5.5.1975, leg. H. Malicky; 1 male adult. Known from East Siberia and Finland.

Sublettea sp. First record of the genus for South America. Rio Tulumayo, about 20 km downstream of Tingo Maria, Peru; 23.5.1963, surface drift, leg. E.J. Fittkau; several pupal skins. Known from the Nearctic and Oriental regions.

PRELIMINARY REGISTRATION

Submit to: Dr. E. Willassen,
Secretary, IXth International Symposium on Chironomidae,
Museum of Zoology, University of Bergen,
Museplass 3, N-5000 Bergen, Norway

before March 1, 1984.

I plan to attend the symposium

Name

Adress

.....

Numbers of persons in my party will be

I will prefer single room , double room ,
larger family room

I intend to present a paper , a poster

I intend to participate in the excursion