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SUPPLEMENT 1 TO
"A BIBLIOGRAPHY OF THE CHIRONOMIDAE"
Odwin Hoffrichter & Friedrich Reiss

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SUPPLEMENT 1 TO "A BIBLIOGRAPHY OF THE CHIRONOMIDAE"

by

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ABSTRACT

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In continuation of "A bibliography of the Chironomidae" (*Gunneria* 26, 1976), some 1700 additional titles of publications concerning the Chironomidae (Diptera) are listed. Most of them were published since 1974. Corrections of titles from the "Bibliography" are also given, if necessary. This supplement follows the scheme of presenting the titles developed for the "Bibliography".

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INTRODUCTION

The good reception given to the "Bibliography of the Chironomidae", by individuals and various institutions, after its publication in 1976 has encouraged us to continue with the registration and cataloguing of further papers concerning Chironomidae. Moreover, we had to fulfill the promise made in the introduction to the "Bibliography" to undertake necessary corrections and additions of titles not registered before the publication date.

This supplement contains a large number of papers published prior to 1974, the terminal year of the "Bibliography", but inadvertently omitted from the original publication. This number is far exceeded, however, by the number published since that time. Whilst the "Bibliography" lists about 6400 papers covering the period from Aristotle to 1974, this supplement includes about 1700, most of which appeared during the last five years. The general explosion of scientific knowledge includes chironomid research. Some will deplore this since it becomes ever more difficult to obtain a synopsis of a specific field of work. The bibliographer in particular has to consider ever branching scientific fields covered by a constantly increasing number of specialist journals, extending beyond the biological sciences. The rapidly changing environment with all kinds of increasing hazards contribute to this above all. Chironomidae play an important role in this context, as either indicator or test and target organisms. As before, we cannot guarantee a complete coverage of relevant titles in fields, which do not specifically concern this family of Diptera. In these areas we depend particularly on support and information from users of the bibliography. Moreover, many regional journals are completely unattainable for us.

Since the subject key with its key letters, as we introduced it in the "Bibliography", has stood the test, we maintain this rough classification in this supplement. The titles received one or two marginal letters referring to fields as follows:

C - Cytology (including cytomorphology, cytochemistry, karyosystematics, genetics, gene-physiology, molecular biology)

- E - Ecology (including zoogeography, phenology, ethology, culturing, methods)
- G - General (comprehensive works, publications dealing with four or more of the subject divisions)
- H - History (including memorials, obituaries, bibliographies of individual authors)
- M - Morphology (including anatomy, histology, morphogenesis, ultra-morphology, metamorphoses, terminology)
- P - Parasitology (including chironomids as parasites and parasites of chironomids, symbiosis, mass outbreaks of chironomids and their control)
- Ph - Physiology (including metabolism, haemolymph, immunology, neuro-physiology, experimental morphology)
- S - Systematics (including taxonomy, nomenclature, evolution, phylogeny)

All journals and books accessible to us are included in the supplement, with dead-line about mid-September 1979. Titles were accepted according to the criteria applied in the "Bibliography". Dissertations or similar theses and reports are recorded as far as possible, but coverage of these is far from comprehensive. We also listed the papers from "Chironomus. Newsletter of Chironomid Research", as libraries have come to treat it as a periodical, and they are also listed in the "Zoological Record". The titles were checked in the original or in a photocopy, as far as possible. They are arranged alphabetically with regard to the authors' name and then chronologically according to the year of publication. Titles with co-authors follow those of the first author. As before, the journals are cited following the "World List"; new journals are abbreviated according to the rules applied there. Titles in a language other than English, French, German, Italian, Portuguese or Spanish are translated into English. These translations are given in brackets. Transliteration of cyrrillic script follows the rules of the "Style Manual", as before.

In addition to recording new titles, corrections of titles from the "Bibliography" are also given. We paid attention to wrong

spellings of authors, years of publication, titles of papers and of journals, but not to wrong page numbers unless this was likely to cause difficulties in locating the publication in a volume. Apparent printing errors are also ignored, unless they were misleading.

In this connexion we want to thank in particular Dr. Jon and Ms. Helen Martin, University of Melbourne, and Mr. Lars Säwedal, Universitet Lund, for their endeavour to review the entire "Bibliography" for mistakes.

Further we thank all those colleagues, who helped us by sending reprints or lists of titles. This was a great help. Thanks are also due to the Informationszentrum für Biologie (Dr. Christoph Schäfer, Dr. Heidi Schnorbus), Forschungsinstitut Senckenberg Frankfurt, which generously initiated a literature search for us and sent computer printings with titles.

We thank Ms. Annemarie Reiss especially for the extensive typing and correcting work during the preparation of this supplement, and Dr. Clive Pinder for improving this introduction at the Dublin Chironomid Symposium.

Our special thanks are due to Dr. Hans Jørgen Lønne, Det Kongelige Norske Videnskabers Selskab, Museet, Trondheim, for his readiness to print the supplement and accept it in the same series as the "Bibliography".

Should this supplement meet with approval from its users, we are ready to produce a continuation in a few years. For this reason we would like to ask all colleagues or interested persons to inform us about new publications and communicate to us additions and corrections. We shall, however, continue registering pertinent titles carefully with the aim of producing a comprehensive record.

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VORWORT

Das gute Echo, das die "Bibliography of the Chironomidae" nach ihrem Erscheinen im Jahre 1976 im Kreis der Fachkollegen und bei zahlreichen Institutionen fand, ermutigte uns, die Registrierung und Katalogisierung weiterer Arbeiten, die sich in irgendeiner Form mit Chironomidae befassen, fortzusetzen. Zudem galt es, das in dem Vorwort zur "Bibliography" gegebene Versprechen auf notwendige Korrekturen und Nachträge bis zum Erscheinungstermin noch nicht erfaßter Titel einzulösen.

Die Anzahl der vor 1974 - dem Schlußjahr der "Bibliography" - veröffentlichten und nicht mehr aufgenommen Titel ist beträchtlich, doch wird sie weit übertroffen von den seitdem erschienenen Veröffentlichungen. Während in der "Bibliography" rund 6400 Arbeiten für den Zeitraum ab Aristoteles bis 1974 nachgewiesen sind, enthält dieses Supplement rund 1700 Titel, die überwiegend in den letzten fünf Jahren entstanden sind. Die Explosion des naturwissenschaftlichen Wissens bezieht auch die Chironomidenforschung mit ein. Dies wird von manchem beklagt, da es immer schwieriger wird, sich über das eigene Fachgebiet einen Überblick zu verschaffen. Insbesondere der Bibliograph muß sein Augenmerk auf immer weiter sich verzweigende Wissenschaftsbereiche mit einer ständig anwachsenden Zahl von Spezialzeitschriften lenken, die bereits ganz außerhalb der biologischen Wissenschaften fußen können. Vor allem die sich rasch ändernde Umwelt und die zunehmenden Belastungen aller Art tragen hierzu wesentlich bei. Chironomidae spielen hierbei eine wichtige Rolle als Indikatoren wie als Test- oder Zielorganismen. Wie schon zuvor, können wir in diesen Bereichen, die sich nicht spezifisch mit dieser Dipteren-Familie befassen, am wenigsten für eine vollständige Erfassung relevanter Titel bürgen und sind besonders auf Unterstützung durch Informationen aus dem Kreis der Benutzer der Bibliographie angewiesen. Zudem sind uns viele regionale Zeitschriften völlig unzugänglich.

Da sich der Sachgebietsschlüssel mit seinen Code-Buchstaben, wie wir ihn in der "Bibliography" einführten, bewährt hat, behalten wir diese Klassifizierung in diesem Supplement bei. Die Titel erhalten am Rand einen oder zwei Buchstaben mit folgender Bedeutung:

- C - Cytologie (einschließlich Cytomorphologie, Cytochemie, Karyosystematik, Genetik, Genphysiologie)
- E - Ökologie (einschließlich Zoogeographie, Phänologie, Ethologie, Aufzucht, Methodik)
- G - Allgemeines (umfassende Werke, Publikationen mit mehr als vier der aufgeführten Sachgebiete)
- H - Geschichte der Chironomidenkunde (einschließlich Nachrufe, Bibliographien einzelner Autoren)
- M - Morphologie (einschließlich Anatomie, Histologie, Morphogenese, Ultramorphologie, Metamorphose, Terminologie)
- P - Parasitologie (einschließlich Chironomiden als Parasiten und Parasiten von Chironomiden, Symbiose, Massenauftreten und dessen Kontrolle)
- Ph - Physiologie (einschließlich Stoffwechsel, Hämolymphe, Immunologie, Neurophysiologie, experimentelle Embryologie)
- S - Systematik (einschließlich Taxonomie, Nomenklatur, Evolution, Phylogenie)

Eingearbeitet wurden in das Supplement alle uns zugänglichen Zeitschriften und Buchveröffentlichungen; Redationsschluß war Mitte September 1979. Die Aufnahme von Titeln regelte sich nach den Kriterien der "Bibliography". Nach Möglichkeit wurden Dissertationen und ähnliche Arbeiten sowie Reports aufgenommen, jedoch ohne annähernd vollständig zu sein. Wir haben auch die Artikel des "Chironomus. Mitteilungen aus der Chironomidenkunde" aufgenommen, da Bibliotheken dazu übergegangen sind, dieses Organ als Zeitschrift zu behandeln und der "Zoological Record" die Titel ebenfalls nachweist. Soweit möglich, wurden die Titel im Original oder als Photokopie eingesehen. Sie sind nach Autorennamen und chronologisch nach Erscheinungsjahren geordnet. Titel mit mehreren Autoren werden im Anschluß an alle Arbeiten des Erstautors aufgeführt. Die Zitierweise der Zeitschriften folgt wie bisher der "World List"; neue Zeitschriften werden nach den dort gebräuchlichen Regeln abgekürzt. Den Titeln in einer anderen Sprache als Deutsch, Englisch, Französisch, Italienisch, Portugiesisch oder Spanisch wird in Klammern eine englische Übersetzung beigelegt. Die Transliteration der kyril-

lischen Schrift erfolgt wie bisher nach den Regeln des "Style Manual".

Zusätzlich zu den neu aufgenommenen Titeln geben wir Korrekturen von Titeln der "Bibliography". Dabei wurden falsche Schreibungen von Autor, Jahreszahl, Titel und Zeitschrift berücksichtigt, nicht dagegen falsche Seitenangaben, wenn sie nur um wenige Seiten differieren, da bei der Suche nach diesen Arbeiten oder beim Herstellen von Kopien solche Fehler schnell gefunden werden. Auch evidente Druckfehler wurden übergangen, wenn sie nicht irreführende Ausmaße hatten.

In diesem Zusammenhang möchten wir vor allem Herrn Dr. Jon und Frau Helen Martin, University of Melbourne, und Herrn Lars Säwedal, Universitet Lund, für ihre Bemühungen danken, die ganze "Bibliography" auf Fehler hin zu prüfen.

Wir danken ferner allen Kollegen, die uns durch Zusendung von Separaten oder Titellisten unterstützt haben, was uns eine wesentliche Arbeitserleichterung bedeutete. Dank gebührt auch dem Informationszentrum für Biologie (Dr. Christoph Schäfer, Dr. Heidi Schnorbus), Forschungsinstitut Senckenberg Frankfurt, das für uns eine Literaturrecherche großzügig in Gang setzte und Computerausdrucke mit Titeln übersandte.

Frau Annemarie Reiss danken wir im besonderen für die umfangreichen Schreib- und Korrekturarbeiten bei der Erstellung dieses Supplement und Herrn Dr. Clive Pinder für die sprachliche Überprüfung des englischen Vorworts während des Dubliner Chironomiden-Symposiums.

Unser ganz besonderer Dank gilt Herrn Dr. Hans Jørgen Lønne, Det Kongelige Norske Videnskabers Selskab, Museet, Trondheim, für seine Bereitschaft, das Supplement zu drucken und in dieselbe Reihe wie die "Bibliography" zu übernehmen.

Sollte auch dieses Supplement bei den Benutzern einen guten Anklang finden, sind wir bereit, in einigen Jahren eine Fortsetzung zu geben. Wir bitten aus diesem Grund alle Kollegen und Interessenten, uns über neue Arbeiten zu informieren und Ergänzungen mitzuteilen. Wir werden jedenfalls die Registrierung einschlägiger Titel mit aller Sorgfalt und dem Bemühen um vollständige Erfassung fortsetzen.

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CORRECTIONS TO "A BIBLIOGRAPHY OF THE CHIRONOMIDAE" (1976)

- Acton, A.B. 1956 b. Page numbers should read: 161-164.
- Aleksevnina, M.S. 1972 a. Title should read: Rol' khironomid v pitanii saksana iz nizovi del'ty Volgi.
- 1973 a. Volume number should read: 9,2.
 - 1973 b. Is translation edition of 1973 a.
- Anderson, L.D., Bay, E.C. and Ingram, A.A. 1964 a. Fourth word of title should read: Midge.
- Behlke, J., Müller, K. und Scheler, W. 1973 a. Should read: 1972 a.
- Bernard, K.H. 1911 a. Delete all.
- Biever, K.D. 1968 a. Source should read: Ph. D. Diss., Univ. California, Riverside, 111 pp.
- Blagovidova, L.A. 1973 a. Volume number should read: 9,1.
- Blanck, J., Behlke, J., Mohr, P. und Scheler, W. 1972 a. Source should read: *VI. Int. Symp. Strukt. Funkt. Erythrocyten, Berling 1970. Abh. dt. Akad. Wiss.:* 195-199.
- Botnariuc, N. i Albu, P. 1966 b. Original title: K izucheniyu biologii *Cricotopus silvestris* Fabr. (Diptera Chironomidae) kak vreditelya risa.
- Brauns, A. 1959 a. Page numbers should read: 453-594.
- Brodskii, K.A. i Omorov, E.O. 1973 a. Volume number should read: 9,2.
- Carpenter, F.F. 1894 a. Should read: Carpenter, G.H. 1894 a.; volume number should read: 5.
- Carpenter, F.F. 1928 a. Is correct.
- Charles, N., East, K., Brown, D., Gray, M.C. and Murray, T.D. 1974 a. Initials of first author should read: W.N.
- Charles, W.N., East, K., Brown, D., Gray, M.C. and Murray, T.D. 1974 a. Should read: 1974 b.
- Codreanu, R. 1930 a. Page numbers should read: 1462-1464.
- 1934 a. Delete first word of title.
 - 1935 a. Delete first two words of title.
- Credland, P.F. 1973 c. Should read: 1974 a.
- Davies, B.R. 1969 a. Author of this paper is: Davies, R.
- Dejoux, C. 1974 b. Page numbers should read: 71-83.
- Dvořák, J. 1970 a. Should read: Dvořák, J. and Lišková, E. 1970 a.; source should read: *Rozpr. Česk. Akad. Věd. Řada Mat. Přír. Věd. 80:* 63-114.

- Enderlein, G. 1912 a. Page numbers should read: 1-170.
- Engelmann, W. and Shappirio, D.G. 1965 a. First author should read Englemann, W.
- Federici, B.A. 1973 a. Should read: Federici, B.A., Hazard, E.I. and Anthony, D.W. 1973 a.
- Fellton, H.L. 1940 a. Should read: Felton, H.L. 1940 a.
- Ferencz, M. 1973 a. Title should read: Zoobenthos investigations in the saline waters of the Great Hungarian Plain.
- Fittkau, E.J. 155 a. Year should read: 1955 a. Title continues: [Diptera: Chironomidae].
- Fleur, E. et Nominé, H. 1929 a. Delete all; replaced by separate titles of both authors, see this supplement.
- Goetghebuer, M. 1928 a. Volume number should read: 18.
- 1932 e. Page numbers should read: 287-294.
- Gowin, F. 1945 a. Should read: 1943 a.
- Hirvenoja, M. 1962 c. Page numbers should read: 127-136.
- Jahn, W. 1972 a. Insert after unter: besonderer.
- Jolivet, P. 1972/1973 a. Title continues: (Note préliminaire).
- Kalugina, N.S. 1974 b. First word of title should read: Evtrofirovanie.
- Kieffer, J.J. 1920 a. Should read: 1919 c.
- 1920 b. Should read: 1920 a.
- 1920 c. Should read: 1920 b.
- King, R.L. and Beams, H.W. 1934 a: Second word of title should read: synapsis.
- Koreneva, T.A. 1960 a. Volume number should read: 39.
- Kupffer, C. 1867 a. Title continues: quas pro venia legendi rite impetranda dijudicationi gratiosi medicorum ordinis in Universitate Christiana-Albertina subjicit. - Kiliae, 16 pp.
- Lange, W.H. and Miller, M.A. (eds.) 1970 a. Should read: Lange, W.H. and Grigarick, A.A. 1970 a. Field insect pests. - In: Lange, W.H. and Miller, M.A. (eds.): Insect and other animal pest of rice, pp. 3-16. *Circ. 555. Calif. agric. Exp. Stn.*
- Learner, M.A. and Edwards, R.W. 1966 a. Source should read: *Int. J. Air Wat. Pollut. 10: 757-768.*
- Lewis, J.G.E. 1966 a. Delete all.

- Linné, C. v. 1772 a. Should read: 1767 a. Ed. =2 should read: Ed. 12.
- Loewenstein, W.R. 1964 a. First word of source should read: *Proto-plasmatologia*.
- Loewenstein, W.R., Nakas, M. and Socolah, S.J. 1967 a. Last author should read: Socolar, S.J.
- Luferov, V.P. 1969 a. Title should read: Rol' sveta v raspredelenii epibiontnykh lichinok Chironomidae v ozere Sevan.
- Lukanin, V.S. 1962 a. Original title: Zavisimost' skorosti filtra-tsii u tendipedid-sestofagov ot vesa tela i temperatury.
- Meillon, B. de and Gray, F.C. 1939 a. Should read 1937 a.
- Moller-Pillot, H.K.M. 1971 a. Should read: Moller Pillot, H.K.M. 1971 a. Source should read: Tilburg.
- Moretti, G. 1931 a. Page numbers should read: 3-15.
- 1948 a and ff. Author should read: Moretti, G.P.
- Nechvalenko, S.P. 1973 a. Volume number should read: 9,2.
- Ogaki, M. 1942 a. Author should read: Ohgaki, M.
- Pagast, F., Thienemann, A. und Krüger, F. 1941 a. First species name should read: fuscipes.
- Panitz, R. and Serfling, E. 1971 a. Source should read: *Experientia*.
- Paris, O.H. and Jenner, C.E. 1959 a. Editor should read: Withrow.
- Paterson, C.G. and Fernando, C.H. 1969 b. Page numbers should read: 1229-1238.
- Possompes, B. 1937 a. Should read: Possompés, B.
- Rachyunas, L.A. 1973 a. Original spelling is: Račiūnas, L.A.
- Rhode, C. 1912 a. Page numbers should read: 203-223; 283-301; 379-386.
- Richardson, R.E. 1929 a. Should read: 1928 a.
- Roback, 1971 a. Title should read: The adults of the subfamily Tany-podinae (=Pelopiinae) in North America (Diptera: Chirono-midae).
- 1972 a. Second word of title should read: immature.
- Rodova, R.A. 1974 b. Volume number should read: 21.
- Römer, F. 1970 b. First word of title should read: Flugtöne.
- Rosin, S. und Fischer, J. 1972 a. Should read: 1972 b; see this supplement.
- Sachs, R.I. and Clever, U. 1972 a. Title should read: Unique and

repetitive DNA sequences in the genome of *Chironomus tentans*.

- Serra-Tosio, B. 1974 a. Source should read: *Trav. scient. Parc natn. Vanoise*.
- Sherstyuk, V. i Zimbalevskaya, L.N. 1973 a. Volume number should read: 9,4.
- Shilova, A.I. 1974 c. Should read: 1974 d. O tak nazyvaemykh lichinochnykh gruppakh khironomid (Diptera, Chironomidae). (On the so-called larval groups of chironomids (Diptera, Chironomidae)).
- 1974 d. Should read: 1974 c. Sroki leta i kolichestvo generatsii massovykh vidov khironomid v Rybinskom vodokhranilishche. (The emergence time and number of generations of common chironomid species in the Rybinskoe reservoir). - *Inf. Byull. Inst. Biol. vnutr. Vod 23*: 43-46.
- Shilova, A.I. i Dzvarsizsvili, B.A. 1974 a. Should read: Shilova, A.I. i Dzarsheizhvili, B.A. 1974 a. Novyi vid roda *Chironomus* Mg. iz vostochnoi Gruzii (Diptera, Chironomidae). (New species of the genus *Chironomus* Mg. (Diptera, Chironomidae) from Eastern Georgia). - *Inf. Byull. Inst. Biol. vnutr. Vod 24*: 37-42.
- Singh, S. 1968 a. Should read: 1958 a.
- Starmühlner, F. 1968 a. Source should read: *Cah. O.R.S.T.O.M., Sér. Hydrobiol. 2*: 3-34.
- Steine, I. 1972 a. Title should read: The number and size of drifting nymphs of Ephemeroptera, Chironomidae, and Simuliidae by day and night in the River Stranda, western Norway.
- Storå, R. 1937 a. Page numbers should read: 256-266.
- Strenzke, K. 1950 c on p. 153. Should read: 1959 a.
- Sublette, J.E. and Dendy, J.S. 1959 b. Delete all.
- Surber, E.W. 1959 a. Page numbers should read: 111-116.
- Szitó, A. 1970 a. Source should read: *Állatt. Közl.*
- Theron, J.G. 1972 a. Delete last four words of title.
- Thienemann, A. 1926 e. Second word of title should read: Nahrungskreislauf; source should read: *Verh. dt. zool. Ges. 31*: 29-79.
- 1934 c. Page numbers should read: 29-46.
 - 1936 b. Chironomiden-Metamorphosen. X. Should read: 1935 b.

- Thomposon, A.H., Barnes, C.L. and Mathews, D.A. 1970 a. First author should read: Thompson, A.H.
- Thompson, J.A. 1968 a. Should read: Thomson, J.A. 1968 a.
- Trägårdh, I. 1911 a. Volume number should read: 32.
- Vaney, M.C. 1902 a. Source should read: *Annls Univ. Lyon, N. S., Sect, I, Sci. Méd.* 9: 1-178.
- Vernaux, J. 1970 b. Page numbers should read: 59-64.
- Vinberg, G.G.: See also: Winberg, G.G.
- Walker, F. 1956 b. Should read: 1856 b.
- Weltner, W. 1896 a. Delete second source.
- Wulp, F.M. van der 1858 a. Should read: 1859 a.
- Yablonskaya, E.A. 1947 a. Original title: Opređenje produktsii lichinok Chironomus (Tendipes) Medvezh'ikh ozer.
- Yoshikazu, K. 1959 a. Author should read: Kimoto, Y.
- Zakhidov, M.T. 1972 a. Volume number should read: 9,1.

- Aagaard, K. 1976 a. Fjærmygg (Chironomidae). - E
In: Koksvik, J.I. (ed.): *Hydrografi og everte-*
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Ser. 1976-4: 1-96.
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A phenological, diversity, and production
study. - *Norw. J. Ent.* 25: 21-37.
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zone of Øvre Heimdalsvatn. - *Holarct. Ecol.*
1: 261-265.
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scand. Suppl. 10: 95-97.
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in Zygotera (Odonata). - *Zool. Scripta* 50:
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minary biological survey of Lake Nubia. -
Hydrobiologia 46: 535-541.
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food and feeding habits of fish in the Volta
Lake. - In: Obeng, L.E. (ed.): *Man-made Lakes.*
- *The Accra Symposium*: 235-237. Ghana Univ.
Pr.
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habitat distribution of benthic Crustacea in
Lake Mývatn in 1973. - *Oikos* 32: 195-201.
- 1979 b. Size and food of arctic char *Salve-* E
linus alpinus and stickleback *Gasterosteus*
aculeatus in Lake Mývatn. - *Oikos* 32: 228-231.
- Adamus, P.R. and Gaufin, A.R. 1976 a. A synopsis E
of Nearctic taxa found in aquatic drift. -
Am. Midl. Nat. 95: 198-204.
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flooded areas of Beaver Reservoir during the
second and third years of filling 1965-1966.
- *Spec. Publ. Am. Fish. Soc.* 8: 139-152.
- Agnew, J.D. 1962 a. The distribution of *Centrop-* E
tiloides bifasciata (E.P.) (Baetidae:Ephemer-
optera) in Southern Africa, with ecological
observations on the nymphs. - *Hydrobiologia*
20: 367-372.
- 1965 a. A note on the fauna of the lower E
Orange River. - *S. Afr. J. Sci.* 61: 126-128.
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und bei Baltischport (NW-Estland). - *Memo.*
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minary report on freshwater insects. -
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nomid (Diptera, Chironomidae) is Kairak-
Kumskogo vodokhranilishcha. (New larval forms
of midges (Diptera, Chironomidae) from the
Kairak-Kum Reservoir). - *Gidrobiol. Zh.* 11,
2: 66-71.
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morfoz. (New species of the genus *Psectro-*
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and their metamorphosis). - *Zool. Zh.* 56:
538-549.
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