PSAMMONALIA

Newsletter of the International Association of Meiobenthologists

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INTERNATIONAL ASSOCIATION OF MEIOBENTHOLOGISTS

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1ST ANNOUNCEMENT

FOURTH INTERNATIONAL MEIOFAUNA CONFERENCE (FIMCO)
University of South Carolina, Columbia, South Carolina, USA

27 July-2 August 1980

FIMCO will be held on the University of South Carolina campus, 27 July-2 August 1980. Housing will be in CAPSTONE house on the University campus. All sessions will take place on the University campus within walking distance.

COSTS:

A) Conference registration - (includes socials, coffee, etc.) $25.00-$30.00

B) Dormitory rooms: *single room - $11.00 night per person
double room - $ 8.00 night per person

*prices might be slightly higher in 1980.

PAPERS: You are invited to present a paper at the meeting. Each presentation will be allotted 15 minutes for presentation and 5 minutes for discussion. The papers will not be published. Therefore, you are encouraged to present work in progress.

ABSTRACTS: All speakers should submit an abstract of their paper (not to exceed one single spaced 21.5 X 28 cm typewritten page) by February 15, 1980. The abstract must present data and not deal in generalities. If too many papers are offered, the Advisory Committee (B. C. Coull, R. P. Higgins, E. E. Ruppert, J. H. Tietjen) will choose those papers to be presented by abstract information content.

FIELD TRIPS: Trips to the University of South Carolina's Marine Field Laboratory, Hobcaw Barony Georgetown, S.C. and to historic Charleston, S.C., are planned.

TIME SCHEDULES:

March 1979	- First announcement
September 15, 1979	- Deadline for 1st application
November 1979	- Second announcement, tentative program
February 15, 1980	- Final application, abstracts due, room reservations

APPLICATION FORMS: An application form is included in this issue of PSAMMONALIA. Please complete the form and send it to:

Bruce C. Coull
FIMCO
Baruch Institute
University of South Carolina
Columbia, S.C. 29208, USA

by 15 September 1979.

Flexibility also appears best with respect to dues collections, i.e. whether to designate persons for each country to act as intermediaries for the transmission of dues to the Treasurer. Multi-year payments solve much of the problem, especially when payments can be made directly in the Treasurer's currency. There is nothing to prevent members from a given locale pooling their dues, so long as it is made clear to the Treasurer from whom they come and for what period they apply.

The issue of additicnal membership categories, i.e. sustaining or family membership, needs to be discussed more fully at FIMCO. It is possible in defining such categories in order to give tax exempt status to members contributing funds, that the Treasurer would have to apply for tax exempt or non-profit status on behalf of the Association. With legal and application fees and general nuisance value, this would nullify any benefit that might come to individuals or the organization. The fact that the country of the officers changes every two years would add complications. For the forseeable future at least, if members pay their dues regularly, the organization will remain financially solvent, and will be able to maintain the current low dues.

DUES PAYMENTS

Hjalmar Thiel has suggested that one individual in each country might act as dues collector for the Association. He has offered to act in this capacity for the Federal German Republic. Any members in FGR wishing to pay their dues through Thiel's account should send the funds before March 1, 1980: His account is: Hamburger Sparkasse (BLZ 220 505 50), Kontonr. 1217/470333.

A similar system has already been used by members at several universities or laboratories. If anyone wishes to make an offer through PSAMMONALIA to handle dues for a particular country, the information will be included in subsequent issues.

Since the new Treasurer will probably be in a country in Europe, US members not already paid ahead would be wise to make advance dues payments for 1980 and 1981 to the current Treasurer, Lee Pollock. Anyone volunteering to collect and transfer dues for US members for 1980 and afterwards should be forewarned that there are about 180 US members of the Association.

EDITORIAL

New officers for the International Association of Meiobenthologists are to be selected by action of the membership in this and the August issue of PSAMMONALIA. On page 6 is a call for nominations for two positions on the Executive Committee, to fill the positions currently held by Carlo Heip and Pat Boaden. The term of office is for four years, 1980-84. The current Chairman/Editor and the current Treasurer will also complete their terms of office at the end of 1979 and a new Chairman/Editor must be chosen. He will then appoint the Treasurer, who is usually from the same country to facilitate communication.

In consultation with members of the Association in several countries, we have made inquiries concerning the next Chairman/Editor, and are very pleased that Carlo Heip of Belgium has indicated his willingness to accept the position. Members with additional suggestions should get in touch with the current Chairman as soon as possible. The August issue of PSAMMONALIA will have ballots for members to vote on Chairman/Editor and for two members of the Executive Committee.

The listing of the Board of Correspondents in this issue contains some changes. Dan Danielopol (Austria) has asked to resign because of other commitments. Christer Erseus (Sweden), Tatsunori Ito (Japan) and G. C. Rao (India) have joined the Board, and we are pleased to have their contributions to the Recent Literature section.

Information of the Fourth International Meiofauna Conference (FIMCO) is repeated on pages 2 and 3.

Many members have brought their membership dues up to date, and the financial condition of the Association is now quite firm despite the inevitable increases in cost. The following suggestions are made to enable members to pay their dues with a minimum of difficulty concerning currency transfers.

1. Many choose to pay for several years at a time.
2. A suggestion has been made for one member to collect and transfer dues for each country, and is discussed on page 5.
3. US members may wish to pay for 1980 and 1981 before the end of 1979, directly to the out-going treasurer in the US.
4. A conspicuous tear sheet will be included over the cover of the final issue for 1979, for use of those owing 1980 dues.

We have received several responses to our inquiries concerning the Constitution of the Association in the last issue, and the operation of the Association. The proposed changes in wording in Articles 8a and b and the definition of duties of the Board of Correspondents appear acceptable and will be brought up at FIMCO in South Carolina (1980) for further action.

It appears best to leave the matter of the Treasurer being from the same country as the Chairman/Editor flexible, and the choice of the Treasurer up to the Chairman/Editor. The most important thing is for effective communication to be present. Currently, the Treasurer, Lee Pollock, and I have both been on Sabbatical leaves to do research, and in fact have been in different countries for part of our terms of office. Although this has not been a great difficulty for us, it will be good to have him once again at the other end of a telephone, as of September.

NEW MEMBERS

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NEWS FROM MEMBERS

Ph. Bodin writes: "My new 'Catalogue of Harpacticoids' was issued at the beginning of the year. Unfortunately, I could not include all new names which I received after my (tardy) request in "Psammonalia." So I would make my apologies to those of my colleagues who have not found their "babies" in it. They will be included in the next edition." Single copies available on request from Ph. Bodin, Laboratoire d'Oceanographie Biologique, Universite de Bretagne Occidentale, 29283 Brest Cedex, France.

James Friauf has retired from the Biology Department of Vanderbuilt University, effective December 31, 1978. His new mailing address is: 909 Ashby Dr., Rt. 6, Brentwood, TN 37027 USA.

Dra. Rosa E. Pallares of Buenos Aires, Argentina (see New Members for address) has kindly sent a listing of her papers on several meiofaunal groups. As some papers may not have come to the attention of interested members, the listing is appended.

1962 - Ringuelet, R. A.; Amor, A.; Magaldi, N. y Pallares, R. E. Estudio ecologico de la fauna intertidal de Puerto Deseado en febrero de 1961 (Santa Cruz, Argentina). Physis. 23(64): 35-53. Bs.As.

1962 - Pallares, R. E. Nota sobre Cleptocamptus albuquerquensis (Herrick) 1895 (Crust. Copepoda). Physis. 23(65):241-244. Bs.As.

1963 - Pallares, R. E. Nota sobre Notodiaptomus gibber (Poppe) 1889 nov.comb. (Crust. Copepoda). Physis. 24(67): 39-42. Bs.As.

1965 - Amor, A. et Pallares, R. E. Entoprocta y Ectoprocta de la ria Deseado (Santa Cruz, Argentina) y otras localidades patagonicas. Physis. 25(70): 291-317. Bs.As.

1966 - Pallares, R. E. Nota sobre Echinoderes pilosus Lang, 1949 (Aschelminthes, Kinorhyncha). Physis. 26(71): 101-106. Bs.As.

1966 - Pallares, R. E. Sobre una nueva especie de Porcellidium (Copepoda, Harpacticoida). Physis. 26(71): 113-120. Bs.As.

1968 - Pallares, R. E. Copepodos marinos de la ria Desado (Santa Cruz, Argentina). Contribucion sistematica-ecologica. I. CIBIMA, 27, Contr. Cient. y S.H.N., 1024 (ARA).

1968 - Pallares, R. E. Copepodos marinos de la ria Deseado (Santa Cruz, Argentina) Contribucion sistematica-ecologica II. Physis, 27(75): 245-262. Bs.As.

1968 - Pallares, R. E. Patagoniaella nuevo genero de la familia Ancorabolidae Sars. 1909 (Copepoda, Harpacticoida). Physis. 27(75): 461-469.

1969 - Pallares, R. E. Catalogo preliminar de los copepodos harpacticoideos marinos del Atlantico sur y sector atlantico del Antartico con bibliografia basica. CIBIMA, 49 Contr. Cient. Bs.As.

1969 - Pallares, R. E. El genero Scutellidium en la ria Deseado (Santa Cruz, Argentina). Physis, 29(73): 51-72. Bs.As.

1970 - Pallares, R. E. Copepodos marinos de la ria Deseado (Santa Cruz, Argentina). Contribucion sistematica-ecologica III. Physis, 30 (80): 255-282. Bs.As.

1973 - Pallares, R. E. El genero Harpacticus en la ria Deseado (Copepoda, Harpacticoida). CIBIMA, 86, Contr. Cient. Bs.As. Physis, A, 32 (85): 275-288. Bs.As.

1973 - Pallares, R. E. Sobre la presencia de Paramenophia platysoma en la ria Deseado (Copepoda, Harpacticoida) CIBIMA, 87, Contr. Cient., Bs.As. Physis, A, 32(85) 289-293 Bs.As.

1973 - Pallares, R, E, y C. A. Duville Determinacion de la tasa respiratoria en copepodos harpacticoideos. CIBIMA, 88, Contr. Cient., Bs.As. Physis, A, 32(85): 441-466. Bs.As.

1974 - Pallares, R. E. y M. A. Hall. Estudio bioestadistico-ecologico de la fauna de copepodos asociada a los bosques de Macrocystic pyrifera. (Presentado en las III jornadas Argentinas de Zoologia, Mendoza, noviembre, 1972) CIBIMA, 100, Contr. Cient., Bs.As. Physis, A, 33(86): 275-319. Bs.As. (Primera parte. Physis, A, 33(87): 409-432 (segunda parte).

1974 - Pallares, R. E. y C. A. Duville. Estudio electroforetico de las proteinas solubles de algunos copepodos harpacticoideos marinos. CIBIMA, 106, Contr. Cient. Bs.As.

1975 - Pallares, R. E. Copepodos marinos de la ria Deseado (Santa Cruz). Contribucion sistematico-ecologica IV. Physis, 34 A (88): 67-83. (Primera parte). Physis, 34 A (89): 123-227. (segunda parte). CIBIMA, 94, Bs.As.

1975 - Pallares, R. E. Sobre un nuevo genero de la familia Laophontidae. CIBIMA, 93 Bs.As.

1076 - Pallares, R. E. Copepodos harpacticoideos marinos de Isla de los Estados (Tierra del Fuego, Argentina) I. CIBIMA, 122, Buenos Aires.

1976 - Pallares, R. E. Sobre el hallasgo de ejemplares masculinos de Paramenophia platysoma (Copep. harpact.). CIBIMA, 135, Buenos Aires.

1977 - Pallares, R. E. Copepodos harpacticoides marinos de Tierra del Guego Isla de los Estados II; el genero Diarthodes, Thomson, 1883. CIBIMA, 141. Contr. Cient. Bs.As.

1979 - Pallares, R. E. Copepodos harpacticoides marinos de Tierra del Fuego Isla de los Estados, III Contribucion sistematico-ecologica. CIBIMA, 142. Contr. Cient. Bs.As.

RECENT LITERATURE

Akatove, N. A. and S. Y. Tsalolikhin. 1977 Microbenthos in the Tyup River and Bay (ostracods and nematodes) Leningrad: Zoologicheskii Institut Akademii Nauk SSR: 124-131.

Åkesson, B. 1977. Crossbreeding and geographic races: Experiments with the polychaete genus Ophryotrocha. Mikrofauna Meeresboden 61: 11-18.

Åkesson, B. 1978. A new Ophryotrocha species of the labronica group (Polychaeta, Dorvilleidae) revealed in crossbreeding experiments. From: Marine organisms (eds. B. Battaglia & J. Beardmore). Plenum Publishing Corporation. pp.573-590.

Åkesson, B. and J. D. Costlow. 1978. Effects of temperature and salinity on the life cycle of Ophryotrocha diadema (Polychaeta, Dorvilleidae). Ophelia 17: 215-229.

Alakseev, V. M., A. D. Noumova and E. V. Dymina. 1978. Two new species of nematodea of the genus Ethmolaimus (Nematoda, Chromadoridae). Zool. Zh. 58:598-602. (In Russ., Eng. Summ.).

Anderson, R. V. 1979. A supplemental key to species of Helicotylenchus Steiner, 1945 (Nematoda; Hoplolaimidae) described since 1972 and a description of H. oscephalus n.sp. Can. J. Zool. 57: 337-342.

Andrassy, I. 1979. Genera and species of the family Tylenchidae Orley, 1880.(Nematoda -Genus Tylenchus Bastian 1865. Acta Zool. Acad. Sci. Hung., 25: 1-34.

Ansari, Z. A. 1977. Macrobenthos of the Cochin Backwater (India). Mahasagar 10: 169-171.

Ansari, Z. A., A. H. Parulekar, S. N. Harkantra and A. Nair. 1977. Shallow water macrobenthos along the central west coast of India. Mahasagar 10: 123-127.

Arashkevich, E. B. and V. B. Tseitlin. 1978. Dependence of ration on food concentration in phytophagous copepods and their feeding mechanism. Okeanologia 18: 530-536.

Armstrong, W. B. 1978. Redox potential measurements as an indication of biochemical well plugging. Ground Water 16: 446-447.

Ax, P. 1977. Life cycles of interstitial Turbellaria from the eulittoral of the North Sea. Acta Zool. Fenn. 154: 11-20.

Bartsch, I. 1979. Verbreitung der Halacaridae (Acari), Gezeitenbereich der Bretagne-Küste, eine ökologische Analyse. II. Quantitative Untersuchungen und Faunenanalyse. Cah. Biol. Mar. 20: 1-28.

Berstein, B. B. and J. P. Meador. 1979. Temporal persistence of biological patch structure in an abyssal benthic community. Mar. Biol. 51: 179-184.

Bisol, P. M. 1976. Polimorfismi enzimatici ed affinita tassonomiche in Tisbe (Copepoda, Harpacticoida). [Enzyme polymorphism and taxonomic affinities in Tisbe (Copepoda, Harpacticoida)]. Atti Acad. Naz. Lincei, Rend., Cl.Sci.Fis. Mat.Nat. 60: 864-870. (In Ital., Eng. summ.).

Bisol, P. M., V. Varotto, B. Battaglia. 1976. Controllo genetico della fosfossoeisomerasi (Phi) in Tisbe clodensis (Copepoda, Harpacticoida). [Genetic control of phosphohexose isomerase (Phi) in Tisbe clodensis (Copepoda, Harpacticoida)] Atti Acad. Naz. Lincei, Rend., Cl.Fis.Mat. Nat. 60: 499-504. (In Ital., Engl. summ.).

Bodin, P. 1977. Copepodes harpacticoides marins des environs de La Rochelle. 5. Especes nouvelles ou incertaines. Vie Milieu 27A: 311-359.

Boguta, K. K. 1978. The patterns of symmetry in the nervous system of lower Bilateria. Zool Zh. 57: 1765-1770. (Russ., Eng. summ.).

Bottom, M. L. 1979. Effects of sewage sludge on the benthic invertebrate community of the inshore New York Bight. Est. Coast Mar. Sci. 8: 169-180.

Briggs, K. B., K. R. Tenore and R. B. Hanson. 1979. The role of microfauna in detrital utilization by the polychaete, Nereis succinea (Frey and Leuckart). J. Exp. Mar. Biol. Ecol. 36: 225-234.

Burkovsky, I. V. 1978. Structure, dynamics and production of a community of marine psammophilous ciliates. Zool. Zh. 57: 325-337. (In Russ. with Eng. summ.).

Calow, P. and J. B. Jennings. 1978. Optimal strategies for the metabolism of reserve materials in microbes and Metazoa. J. Theor. Biol. 65: 601-604.

Ahlsten, J. A., and G. K. Ewalsbladh. 1972. Hydrocarbons in the Finn River and the (northern) Baltic Sea. Zoologica Zoologici Fennici (Helsinki) Annales Musei 58: 124-131.

Ahlsten, J. 1972. Crossbreeding and growth rates of Fresh-water trout, the polymorphic genus Coregonus. Luontotieteellinen Aikakauskirja 33: 77-82.

Ahlsten, J. 1973. A new coregonid species of the Japanese genus Leucichthys (Salmoniformes, Salmonidae) and its relationship to some Eurasian species. Annales Zoologici Fennici 10: 1-7.

Ahlsten, J., and J. D. Costello. 1973. Effects of temperature and salinity on the life cycle of Gammarus oceanicus. Ophelia 12: 117-129.

Ahlsten, J., A. L. Hynninen and K. V. Lehtonen. 1978. The non-anadromous populations of the genus Salmo (Salmonidae, Pisces) in the Finnish Baltic Sea (Gulf of Bothnia). Annales Zoologici Fennici 15: 293-302. (In Russian, Fr. summ.).

Anderson, R. V. 1972. A supplemental key to species of Lake Michigan fishes. 1969 (Coregonus: Salmonidae) and a discussion of the relationship of C. oxyrinchus. Trans. Am. Fish. Soc. 101: 337-342.

Annanmäki, T. 1972. Eggs and gonads of the whitefish Coregonus lavaretus. Oikos. 23: 1-7. Acta Zool. Fennica 136: 1-42.

Ashmore, J. F. 1972. Has obsolete ecological terminology "killed" Rainbow trout. Trans. Am. Fish. Soc. 101: 27.

Carvalho, G. R., J. R. Pelsbeen, S. R. Thompson and A. Hain. 1972. Analog mitochondrial alone: the coupled loss of tRNA. Nature 70: 183-187.

Chakraborty, R. R. and V. V. Vellikay. 1972. Dependence of repeats on flank composition in the genome of pigeon and man. Molecular Evolution. Genetics 70: 279-[illegible].

Cure, Ove, V. L. 1978. Early postembryonic development of the whitefish, Coregonus lavaretus. Oecologia Marine 39: [illegible].

Dahl, E. 1977. Life cycles of anadromous salmonids from the outlet of the Torne Lake. Inst. Zool. Fenn. 1977: 1-[illegible].

Frenzel, T. 1979. Verbreitung der Blaukrebse (Astacus), Gewässerqualität der Bodenseeregion, eine ökologische Analyse. 12. Quantitative Untersuchungen und Immunanalysen. Dan. Mitt. Ber. 20: 1-13.

Fontelle, E. E. and J. P. Medina. 1979. Annual variations of biological parameters in an Atlantic population. Mem. Lisb. 51: 109-121.

Nasel, P. C. 1974. Polymorphism within individuals of the Coregonus lavaretus (Coregonus, Inpectoriula). Genetics of the complex in a lacustrine at Tuhlaus in Finlo (Coregonus, Leptocoregonus). Annal. Zool. Fenn. Zool. Soc. Fenn. Nat. Fiz. Nat. Fenn. 60: 623-[illegible] (In Russ., Fr. summ.).

Nasel, P. N., V. Vanetik, E. Ketchenko, 1979. Ontogenetic genetics Gulla (Coregonus lavaretus (Wal) L. Pisces Coregonid (Coregonidae, Salmoniformes) Genetic variability of mitochondrial DNA (MtD) in fields mitochondria. The egg. Reproduced by a Acad. Sci. Nat. Fenn. Biol., Gr. Fish. 4. Nat. 60: 47-[illegible]. In Russ., Eng. summ.).

Nolin, E. 1979. Coregonus lavaretus volume [illegible] de la Baltique. Rapports annuels on the [illegible] Vie Mars. 6(4): 217-[illegible].

Pelsbeen, P. E. 1979. The patterns of asymmetry in the nervous system of Lake Salmonid. Acad. Sci. 32: 1701-1720. (Russ., Eng. summ.).

Nolan, M. E. 1979. "Fish" of Lake Michigan on the [illegible] as a [illegible] [illegible] [illegible] Wat. Power Res. Rel. 0: 159-[illegible].

Pelsbeen, S. R., E. W. Lanner and E. T. Hanson. 1979. The role of microorganisms in [illegible] mediation by the [illegible] Hydrobiologia (Water and Immunol.). 4. W. Res. Work. Proc. 3: 285-[illegible].

Pomeroy, L. R. 1980. Microbiomass, dynamics and production of a community of marine planktonic ciliates. Soc. [illegible] 1979. 3(1)-1979. (In Dutch, Eng. summ.).

Qalow, P. and J. S. Tiegerman. 1978. Optimal strategies for the allocation of reserve material in Acrocyan and [illegible]. Ecol. Ecol. Fenn. 1: [illegible].

Rabinovich, T. 1979. Verbreitung der Blaukrebse (Astacus), Gewässerqualität der Bodenseeregion, eine ökologische Analyse. 12. Quantitative Untersuchungen und Immunanalysen. Dan. Mitt. Ber. 20: 1-13.

Rosenstein, E. E. and J. P. Medina. 1979. Annual variations of biological parameters in an Atlantic population. Mem. Lisb. 51: 109-121.

Nasel, P. C. 1974. Polymorphism within individuals of the genus Coregonus (Coregonus, Inpectoriula). Genetics of the complex in a lacustrine at Tuhlaus in Finlo (Coregonus, Leptocoregonus). Annal. Zool. Fenn. Zool. Soc. Fenn. Nat. Fiz. Nat. Fenn. 60: 623-[illegible] (In Russ., Fr. summ.).

Nasel, P. N., V. Vanetik, E. Ketchenko, 1979. Ontogenetic genetics Gulla (Coregonus lavaretus (Wal) L. Pisces Coregonid (Coregonidae, Salmoniformes) Genetic variability of mitochondrial DNA (MtD) in fields mitochondria. The egg. Reproduced by a Acad. Sci. Nat. Fenn. Biol., Gr. Fish. 4. Nat. 60: 47-[illegible]. In Russ., Eng. summ.).

Nolin, E. 1979. Coregonus lavaretus volume [illegible] de la Baltique. Rapports annuels on the [illegible] Vie Mars. 6(4): 217-[illegible].

Pelsbeen, P. E. 1979. The patterns of asymmetry in the nervous system of Lake Salmonid. Acad. Sci. 32: 1701-1720. (Russ., Eng. summ.).

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Pelsbeen, S. R., E. W. Lanner and E. T. Hanson. 1979. The role of microorganisms in [illegible] mediation by the [illegible] Hydrobiologia (Water and Immunol.). 4. W. Res. Work. Proc. 3: 285-[illegible].

Pomeroy, L. R. 1980. Microbiomass, dynamics and production of a community of marine planktonic ciliates. Soc. [illegible] 1979. 3(1)-1979. (In Dutch, Eng. summ.).

Qalow, P. and J. S. Tiegerman. 1978. Optimal strategies for the allocation of reserve material in Acrocyan and [illegible]. Ecol. Ecol. Fenn. 1: [illegible].

Caraion, F. E. 1977. New representatives of the family Cytheridae (Ostracoda, Podocopida) from Tanzanian coral reefs: Xestoleberis bacescui n.sp. and Loxoconcha whittakeri n.sp. Trav. Mus. Hist. Nat. "Gr. Antipa" 17: 103-115.

Carbonel, P. 1978, Densites fauniques d'Ostracodes en milieu intertidal euryhalin. Role de l'emersion. Bull. Inst. Geol. Bass. Aquitaine 23: 165-171.

Chaigneau, J. 1977. The organ of Bellonci of Crustacea, restatement of the ultrastructure and the homology between the types with and without union bodies. Ann. Sci. Nat. Zool Biol. Anim. 19: 401-438. (In Fr. with Engl. summ.).

Coles, J. W. 1977. Freeliving marine nematodes from southern Africa. Bull. Brit. Mus. Nat. Hist., Zool. 31: 1-50.

Czeczuga, B. and A. Skalski. 1977/78. Carotenoids in Niphargus cresimiriensis Skolski (Amphipoda) from artesian wells. Int. J. Speleol. 9: 131-

Danielopol, D. L. 1977/78. Ostracodes hypozes du Sud de la France.. 1. Mixtacandona juberthieae n. sp. Int. J. Speleol 9: 235-249.

Danielopol, D. L. 1978. Ostracodes du Sud de la France. 2. Pseudocandoria similihernpadis n.sp. Int. J. Speleol. 10: 57-71.

Davis, S. N. 1978. Flotation of freshwater on sea water, a historical note. Groundwater 16: 444-445.

Davis, N. and G. R. Van Blaricom. 1978. Spatial and temporal heterogeneity in a sand bottom epifaunal community of invertebrates in shallow water. Limnol. Oceanogr. 23: 173-194.

de Zio-Grimaldi, S., M. D. Gallo and R. M. Morone de Luca. 1977. Ciclo biologico di Battilipes pennaki Marcus (Heterotardigrada). Atti IX Congr. Soc. Ital. Biol. Marina, 285-292.

Dinet, A. 1977. The genus Pontostraitiotes Brady 1883, in the abyssal level of the Bay of Biscay (Copepoda, Harpacticoida). Bull. Mus. Natl. Hist. Nat. Zool. 348: 1165-1200. (In Fr. with Engl. summ.).

Dinet, A. and M. H. Vivier. 1979. Le meiobenthos abyssal du Golfe de Gascogne. II. Les peuplements de Nematodes et leur diversite specifique. Cah. Biol. Mar., 20: 109-123.

Dye, A. H. 1979. Quantitative estimates of Protozoa from sandy substrates. Est. Cstl. Mar. Sci., 8: 199-201.

Edgren, M. 1977. Sediment as indicator of pollution. Ambio Special Rep. 5: 133-139.

Enghoff, H. and E. Schmidt Nielsen. 1977. An U.T.M. base map of Denmark for mapping of faunistic data. Entol. Medd. 45:65-74.

Erseus, C. 1977. Checklist of marine Oligochaeta collected in the Koster area (Swedish West Coast) during 1973-1976, with a list of sampling sites. (Mimeographed). Tjärnö Marine Biological Laboratory, Strömstad, Sweden. (Available upon request from author).

Erseus,C. 1978. Two new species of the little-known genus Bacescuella Hrabe (Oligochaeta, Tubificidae) from the North Atlantic. Zool.Scripta, 7: 263-268.

Fain, A. and B. Ganning. 1978. Hyadesia (Hydesia) nearctica sp. n. (Acari, Astigmata, Hyadesiae) from the east coast of the U.S.A. Acta. Zool. Path. Anteverpien., 73: 215-219.

Faubel, A. 1978. Neue Nerillidae (Archiannelida) aus dem sublitoral der Nordsee und des Mittelatlantik (Nordwest-Africa). Zool.Scripta, 7: 257-262.

Finlay, B., P. Bannister and J. Stewart. 1979. Temporal variation in benthic ciliates and the application of association analysis. Freshwater Biol. 9: 45-54.

Frederick, J. J. and A. C. Tarjan. 1978. Variability in measurements made of the same nematode specimen by various observers or by one observer on different days. Nematologica 24: 476-479.

Furstenberg, J. P. 1977. Marine nematology in South Africa. 3rd Congr. Nem. Soc. Southern Africa, E. London 28-29 June 1977. Nematological Society of Southern Africa Newsletter 10.

Galtsova, V. V. and D. G. Aminova. 1978. Seasonal changes in distribution and the composition of the meiofauna in the Chupa Inlet (White Sea). Biologiya Morya 6: 23-32 (In Russ. with Eng. summ.).

Gagarin, V. G. 1979. Two new species of free-living nematodea. Zool. Zh. 58: 596-598. (In Russ. with Engl. summ.).

Gledhill, T. 1977. Numerical fluctuations of four species of subterranean amphipods during a five year period. Crustaceana Suppl. 4: 144-152.

Goren, M. 1979. Succession of benthic community on artificial substratum at Elat (Red Sea). J. Exp. Mar. Biol. Ecol. 38: 19-40.

Grassle, J. F. 1978. Diversity and population dynamics of benthic organisms. Oceanus 2: 42-49.

Grimm, R. 1979. Die Entwicklung der litoralen Fauna in der Elbe. Okologische Indikatorfunktion des Makro- und Meiobenthos im Bereich einer "verbauten" Elbe-streke unter besonderer Berucksichtigung der Naididae. (Oligochaeta). Arch. Hydrobiol. Suppl. 43: 119-224.

Hansen, M. D. 1978. Nahrung und Fressverhalten bei Sedimentfressern dargenstellt am Beispiel von Sipunculiden und Holothurien. Helgoländer wiss. Meeresunters. 31: 191-221.

Harman, W. J. and M. S. Loden. 1978. Bratislavia unidentata (Oligochaeta; Naididae), a re-description. Southwestern Naturalist 23(4): 541-544.

Hayward, P. J. 1978. Two new species of Ctenostomata (Bryozoa) from the Norwegian Sea. Sarsia 63(3): 159-162.

Hendelberg, Margareta. 1977. Paralinhomoeus gerlachi (Linhomoeidae), a new marine nematode from Bermuda. ZOON 5: 79-86. (Corrected citation).

Hesthagen, I. H. and B. Gjermundsen. 1977/1978. The replicability of sampling the hyperbenthic region by means of Beyer's 50 cm epibenthic closing net. Meeresforsch. 26: 1-10.

Higgins, R. P. 1978. Echinoderes gerardi n.sp. and E. reidli (Kinorhyncha) from the Gulf of Tunis. Trans. Amer. Microsc. Sco. 97: 171-180.

Hiruta, Sh. 1978. Redescription of Sarsiella misakiensis Kajiyama from Hokkaido, with reference to the larval stages (Ostracoda; Myodocopina). J. Fac. Sci. Hokkaido Univ. Ser. VI, Zool. 21: 262-278.

Holmquist, C. 1978. Revision of the genus Peloscolex (Oligochaeta, Tubificidae). 1. Morphological and anatomical scrutiny; with discussion on the generic level. Zool. Scr. 7: 187-208.

Ito, T. 1978. Meiobenthos of a shallow water sandy bottom in Ishikari Bay, Hokkaido: A general account. J. Fac. Sci. Hokkaido Univ., Ser. VI (Zool.) 21: 287-294.

Jensen, P. 1978. Revision of Microlaimidae, erection of Molgolaimidae fam. n., and remarks on the systematic position of Paramicrolaimus (Nematoda, Desmodorida). Zool. Scripta, 7: 159-174.

Juget, J. and M. Lafont. 1979. Description de Peloscolex turquini, n.sp. et redescription de Peloscolex moszynskii, Kasprzak, 1971. (Tubificidae, Oligochaeta), avec quelques remarques sur la repartition du genre Peloscolex dans les eaux douces francaises. Bulletin Mensuel de la Societe Linneenne de Lyon 48: 75-80, 113-118.

Karling, T. G. 1978. Anatomy and systematics of marine Turbellaria from Bermuda. Zool. Scripta, 7: 225-248.

Kamihira, Y. 1977. A new species of sand-burrowing marine amphipods from Hokkaido, Japan. Bull. Fac. Fish Hokkaido Univ. 28/1/:1-5.

Kolasa, J. 1977. Remarks on the marine-originated Turbellaria in the freshwater fauna, Acta Zool. Fenn. 154: 81-87.

Kornicker, L. S. and Baker, J. H. 1977. Vargula tsujii, a new species of luminiscent Ostracoda from Lower and Southern California (Myodocopa: Cypridininae). Proc. Biol. Soc. Wash. 90: 218-231.

Kornicker, L. S. 1978. The adult male of Harbansus bradmyersi Kornicker. 1978, and a key to subfamilies of the Philomedidae (Ostracoda: Myodocopina). Proc. Biol. Soc. Wash., 91: 999-1007.

Kristensen, R. M. and A. Nørrevang. 1978. On the fine structure of Valvognathia pogonostoma gen. et sp. n. (Gnathostomulida, Onychognathidea), with special reference to the jaw apparatus. Zool. Scripta., 7: 179-186.

Lampitt, R. S. 1978. Carnivorous feeding by a small marine copepod. Limnol. Oceanogr. 23: 1228-1231.

Lanfranchi, A. 1978. Morphology and taxonomy of two new otoplanids. (Turbellaria, Proseriata) from the Ligurian Sea. Zool. Scripta, u: 249-254.

Lewis, J. R. 1978. Benthic baselines - a case for international collaboration. Mar. Poll. Bull. 9: 317-319.

Lohmann, G. P. 1978. Abyssal benthonic foraminifera as hydrographic indicators in the western South Atlantic Ocean. J. Foraminiferal Res. 8: 6-34.

Lorenzen, S. 1978. Discovery of stretch receptor organs in nematodes-structure, arrangement and functional analysis. Zool. Scripta, 7: 175-178.

Lorenzen, F. 1978. Triodontolaimidae (freilebende Nematoden): Wiederfund der einzigen Art nach 85 Jahren. Veroff. Inst. Meeresforsch. Bremerhaven 17: 87-93.

Mainitz, M. 1977. The fine structure of the stylet apparatus in Gnathostomulida Scleroperalia and its relationship to turbellarian stylets. Acta Zool. Fenn. 154: 163-174.

Malakhov, V. V. 1978. The structure of the body wall of the free-living marine nematode Pontonema vulgare, Zool. Zh. 57: 5-18. (In Russ. with Engl. summ.).

Malakhov, V. V. and L. A. Agafonova. 1978. Structure of the schizocoel in the free-living marine nematode, Pontonema vulgare (Bastian, 1865) (Enoplida, Nematodes). Doklady Akademii Nauk SSSR 241: 495-496.

Marcus, A. 1976. Phyllopodopsyllus curtus sp. n. (Copepoda, Harpacticoida) from the Mediterranean. Ceretari Marine (Constanta) 9: 117-125.

McLachlan, A. 1978. Sediment particle size and body size in meiofaunal harpacticoid copepods. S. Afr. J. Sci. 74: 27-28.

McClachlan, A. 1977. The larval development and population dynamics of Berocheilocaris algoensis (Crustacea, Mystococarida). Zool. Afr. 12: 1-14.

McClure, M. A. and L. J. Stowell. 1978. A simple method of processing nematodes for electron microscopy. J. Nematol., 10: 376-377.

McLachlan, A., C. G. Moore, 1978. Three new species of Harpacticoida (Crustacea, Copepoda) from sandy beaches in Algoa Bay, South Africa, with keys to the genera Arenosetella, Hastigerella, Leptastacus and Psammastacus Ann. S. Afr. Mus. 76: 191-211.

McLay, C. L. 1978. Competition, coexistence and survival: a computer simulation study of ostracods living in a temporary puddle. Can. J. Zool. 56: 1744-1758.

Messana, G., R. Argano and F. Baldari. 1978. Microcerberus (Crustacea, Isopoda, Microcerberidae) from the Indian Ocean. Mon. Zool. Ital. N. S. Suppl. 10: 69-79.

Mestrov, M. and R. Lattinger-Penko. 1977/78. Ecological investigations of the influence of a polluted river on surrounding interstitial underground waters. Int. J. Speleol. 9: 321-

Michaelis, H. 1978. Zur Morphologie und Okoligie von Polydora ciliata und P. ligni (Polychaeta, Spionidae). Helgoländer wiss Meeresunters. 31: 102-116.

Monchenko, V. I. 1977. Two Cyclopinidae (Crustacea, Copepoda) from interstitial biotope of the Black Sea. Biol. Morya 5: 16-23 (In Russ. with Engl. summ.).

Monchenko, V. I. 1978. Second finding of Halicyclops setifer Lindberg (Crustacea, Copepoda): Species redescription and first description of males. Dopov, Akad. Nauk. Ukr. Rsr. Ser. B. Neol. Khim. Biol. Nauky (1): 79-82.

Montagna, P. A. 1979. Cervinia langi n.sp. and Pseudocervinia magna (Copepoda: Harpacticoida) from the Beaufort Sea (Alaska, USA). Trans. Amer. Micros. Soc., 98: 77-87.

Mukai, H. 1978. A comprehension about biotic community in seagrass and seaweed beds - Another view of interspecific relationships. Benthos Res. 15/16:

Nichols, J. A. 1979. A simple flotation technique for separating meiobenthic nematodes from fine grained sediments. Trans. Amer. Micros. Soc., 98: 127-130.

Nichols, J. A. and J. R. Robertson. 1979. Field evidence that the eastern mud snail, Ilyanassa obsoleta, influences nematode community structure. The Nautilus, 93: 44-46.

Parr, T., D. Diener and S. Lacy. 1978. Effects of beach replenishment on the nearshore sand fauna at Imperial Beach, California. U.S. Army Corps of Engineers, Coastal Engineering Research Center Misc. Report No. 78-4 (pp. 1-125). Obtain from CERC, Kingman Bldg., Ft. Belvoir, Va.22060, USA.

Pesce, G. L. and P. Tete. 1977/78. Un nouveau Microparasellide des eaux souterraines phreatiques de l'Italie: Microcharon arganoi n.sp. (Crustacea, Isopoda). Int. J. Speleol. 9: 115-

Pilarska, J. 1977. Eco-physiological studies on Brachionus rubens Ehrbg (Rotatoria). 1. Food selectivity and feeding rate. Pol. Arch. Hydrobiol. 24: 319-328.

Pilarska, J. 1977. Eco-physiological studies on Brachionus rubens Ehrbg (Rotatoria). 2. Production and respiration. Pol. Arch. Hydrobiol. 24: 329-341.

Pilarska J. 1977. Eco-physiological studies on Brachionus rubens Ehrbg (Rotatoria). 3. Energy balances. Pol. Arch. Hydrobiol. 24: 343-354.

Popovici, I. 1977. Distribution and dynamics of nematode populations in soil. Stud. Cercet. Biol. 29: 73-80. (In Rom. with Engl. summ.).

Powell, E. N., M. A. Crenshaw and R. M. Rieger, 1979. Adaptations to sulfide in the meiofauna of the sulfide system. I. ^{35}S-sulfide accumulation and the presence of a sulfide detoxification system. J.Exp.Mar.Biol.Ecol. 37: 57-76.

Prasanna, H. R. and R. S. Lane. 1979. Protein degradation in aged nematodes. Biochem. Biophys. Res. Comm. 86: 552-559.

Ranga Reddy, Y. 1979. Enhydrosoma radhakrishnai n.sp. (Copepoda, Harpacticoida) from Lake Kolleru, South India. Crustaceana 36: 9-14.

Rao, G. C. 1978. A new species of Hesionides (Polychaeta, Hesionidae) from Orissa coast, India. Bull.Zool.Surv. India 1: 271-274.

Rao, G. C. 1978. A new species of Halammohydra (Actinulida, Hydrozoa) from Andamans, India. Bull. Zool. Surv. India 1: 147-149.

Subba Rao, M. and T. Venkata Rao. 1976. Ecology of foraminifera from certain marginal marine environments from the east coast of India. Ind. J. Mar. Sci. 5: 72-82.

Renaud Mornant, J., J. Pochon Masson and J. Chaigneau. 1977. Demonstration and ultrastructural study of an organ of Bellonci in a primitive crustacean mystococarid. Ann. Sci. Nat. Zool. Biol. Anim. 19: 459-478. (In Fr. with Engl.summ.).

Riemann, F. 1974. On hemisessile nematodes with flagelliform tails living in marine soft bottoms and on microtubules found in deep sea sediments. Mikrofauna des Meeresbodens 40. 15 pp.

Roman, M. R. 1978. Ingestion of the blue-green alga Trichodesmium by the harpacticoid copepod, Macrostella gracilis. Limnol. Oceanogr. 23: 1245-1248.

Rosenfeld, A. and A. Bain. 1978. A preliminary note on recent ostracodes from shelf to rise sediments off North West Africa. "Meteor" Forsch.-Ergebnisse. 29C: 14-20.

Rothstein, M., M. Coppens, 1978. Nutritional factors and conditions for the axenic culture of free-living nematodes. Comp. Bioch. Physiol. 61B: 99-104.

Saila, S. B. 1976. Sedimentation and food resources:animal-sediment relationship. In: Stanley, D. J., D. J. P. Swift (eds.). Marine sediment transport and environmental management. Wiley, N.Y.

Saloman, C. H. 1978. Occurrence of Lightiella floridana (Crustacea: Cephalocaridea) from the west coast of Florida. Bull. Mar. Sci. 28:

Saly, A. 1978. Original findings of species of free-living nematodes (Nematoda) on the territory of the Slovak Socialist Republic. Biologia 33: 871-880.

Sarvala, J. 1979. A parthenogenetic life cycle in a population of Canthocamptus staphylinus (Copepoda, Harpacticoida). Hydrobiologia, 62 (2): 113-130.

Schockaert, E. R. and T. G. Karling. 1975. Anatomy and taxonomy of some species of Polycystididae (Turbellaria, Kalyptorhynchia) from N. Atlantic and Mediterranean coastal areas. Zool. Scripta 4: 133-143.

Shaeder, M. 1978. Distribution and reproductive biology of Corophium insidiosum (Amphipoda) on the northeast coast of England. J. Mar. Biol. Assoc. U.K. 58:585-596.

Shiino, S. M. 1978. Tanaidacea collected by French scientists on board the survey ship "Marion-Dufresne" in the regions around the Kerguelen Islands and other subantarctic islands in 1972, '74, '75, '76. Sci.Rep. Shima Marineland, 5:

Sieg, J., R. Winn. 1978. Keys to suborders and families of Tanaidacea (Crustacea). Proc. Biol. Soc. Wash., 91: 840-846.

Slack, K. V., J. W. Nauman and L. J. Tilley. 1979. Benthic invertebrates in a north-flowing and a south-flowing stream, Brooks Range, Alaska. Water Res. Bull. 15: 108-135.

Small, L. F., S. W. Fowler and M. Y. Ünlü. 1979. Sinking rates of natural copepod fecal pellets. Mar. Biol. 51: 233-242.

Smith, S. B. 1979. Lake nematode population increase following bypass of secondary effluent. J. Water Poll. Control Fed. 51: 406-410.

Spencer, D. R. 1978. The Oligochaeta of Cayuga Lake, New York with a redescription of Potamothrix bavaricus and P. bedoti. Trans. Amer. Microsc. Soc. 97: 139-147.

Spencer, D. R. 1978. Pristina acuminata Liang, a naidid oligochaete new to North America. Trans. Amer. Microsc. Soc. 97:236-239.

Spies, R. B. and P. H. Davis. 1979. Infaunal benthos of a natural oil seep in the Santa Barbara Channel. Mar. Biol. 50: 227-238.

Starck, J. 1977. Radioautographic study of RNA synthesis in Caenorhabditis elegans (Bergerac variety) oogenesis. Biol. Cell 30: 181-182.

Stock, J. H. 1977/78. Bogidiella martini, un nouvel Amphipod souterrain de l'Ile Saint Martin (Antilles) et la zoogeographic des Bogidiellidae. Int. J. Speleol. 9: 103-

Subba Rao, B. V. S. S. R. 1978. Volume regulation in a euryhaline oligochaete. Pontrodrilus bermudensis Beddard. Proc. Ind. Acad. Sci. Sect. B, 87: 339-348.

Sudzuki, M. 1979. Marine interstitial Testacea from Plau Pinang, Malaysia. Annot. Zool. Japon. 52: 50-53.

Szabo, I. 1977. Examination of the fauna in the nests of mammals and birds of Hungary. Allattani Kozl. 64: 153-158 (In Hung. with Eng. Summ.).

Tajika, K.-I. 1978. Zwei neue Arten der Gattung Coelogynopora Steinböck, 1924 (Turbellaria, Proseriata) aus Hokkaido, Japan. J. Fac. Sci. Hokkaido Univ. Ser.VI, Zool. 21: 295-316.

Tchesunov, A. V. 1979. Oncholaimus hyrcanus nom. n., a new name for Oncholaimus orientalis Tchesunov. 1976. Zool. Zh. 58: 260 (In Russ. with Engl. summ.).

Thayer, C. W. 1979. Biological bulldozers and the evolution of marine benthic communities. Science 203: 458-461.

Thomassin, B. 1978. Soft-bottom communities. Monogr. Oceanogr. Methodol., U.N. 5: 263-298.

Tokioka, T. and I. Hamatani. 1977. Further record of Spadella angulata Tokioka in the Western North Pacific. Publ. Seto Mar. Biol. Lab., 23: 421-424.

Williams, D. Dudley., J. H. Mundie. 1978. Substrate size selection by stream invertebrates and the influence of sand. Limnol. Oceanogr. 23/5/: 1030-1033.

Wilson, F. H. and D. B. Hawkins. 1978. Arsenic in streams, stream sediments and ground water, Fairbanks area, Alaska. Env. Geol. 2: 195-202.

Witkowski, T. 1977. Nematodes of the reserve "Las Piwnicki" near Torun. Acta Univ. Micolai Copernici Biol. 19: 123-132. (In Pol. with Engl. summ.).

Vanfleteren, J. B., K. Neirynck and D. Huylebroeck. 1979. Nematode chromosomal proteins. I. Isolation of chromatin and preliminary characterization of the chromosomal proteins of Caenorhabditis elegans. Comp. Biochem. Physiol. 62B: 349-354.

Victor, R. and C. H. Fernando. 1978. Systematics and ecological notes on ostracoda from container habitats of some South Pacific islands. Can. J. Zool. 56:414-422.

Vorobyeva, L. V. 1977. A study of the interstitial meiofauna. Biol. Morya 43: 64-68. (In Russ., Engl. summ.).

Voss-Faucart, M.-F., S. Barzin and E. Toussaint. 1978. Etude comparee de la composition en acides amines d'extraits peptidiques de la cuticule de Siponculiens et d'Annelides Polychetes. Arch. Zool. Exp. Gen. 118: 457-470.