

MONOCULUS *Copepod Newsletter*

The Newsletter of the World Association of Copepodologists

Number 48 – Supplement

November 2004

CONTENTS

Editor's Notes	1
Plea for Reprints	1
Recent Publications	2

MONOCULUS Editor: Janet W. Reid

Research Associate, Division of Science & Learning
Virginia Museum of Natural History
Martinsville, Virginia 24112, U.S.A.

Tel. +1 276 656 6719; Fax. +1 276 656 6701

E-mail jwrassociates@sitestar.net

*Deadline for submissions to the next number of
MONOCULUS: 15 March 2005*

Material in *MONOCULUS* is reviewed only by the Editor. This newsletter is not part of the scientific literature and is not to be cited, abstracted, or reprinted as a published document. Using the cartoons or text for other purposes requires previous agreement by the Editor.

ISSN 1543-0731 (On-line version)

ISSN 0722-5741 (Printed version)

WAC Homepage

<http://www.copepoda.uconn.edu>

MONOCULUS Homepage

<http://www.copepoda.uconn.edu/newsletter>

MONOCULUS Homepage – University of Oldenburg

<http://www.uni-oldenburg.de/monoculus>

This supplement will be posted in pdf format on the WAC website. *For their convenience, WAC members may request a copy of the file from me. I will send it as an e-mail attachment in Word97 (DOS).*

Genuario Belmonte, Ruth Böttger-Schnack, Danielle Defaye, Marcus Engel, Maria Luz Fernández de Puelles, Costas Frangoulis, Dagmar Frisch, Samuel Gómez, Claudia Halsband-Lenk, Shigeko Ooishi, Alberto Pilati, Y. Ranga Reddy, Adelaide Rhodes, Knud Schulz, Motohiro Shimanaga, and Iris Werner all graciously provided literature references. Particular thanks to Süphan Karaytug and Peter Heuch for their help with translating titles in Turkish and Norwegian respectively. Translations of titles in other languages (if not given by the source) are provided by the management.

— Jan Reid
Martinsville, U.S.A.

Plea for Reprints

Please send reprints of your articles to the Monoculus-Library and to the C. B. Wilson Copepod Library!

Address of the Monoculus-Library:

C/o Prof. Kurt Schminke
Fachbereich 7
Universität Oldenburg
D-26111 Oldenburg, Germany

Mail to the C. B. Wilson Library should be sent to the address below. Mail sent to other (older) addresses may be irradiated, which will severely damage the paper.

C/o T. Chad Walter
Smithsonian Institution
PO Box 37012
NMNH, MRC-163
Washington DC 20013-7012, U.S.A.

Editor's Notes

The following list of references has been compiled from various sources on the Web, including several search services, specialized databases, and journal and author homepages. If you note inaccuracies or omissions, please let me know and the correct version will appear in the next number of *MONOCULUS*.

The year of publication as given refers to the year in which the printed version of the journal was distributed, and not the year when it first became available online, if these are different.

Several references included in previous numbers are repeated here, with asterisks to indicate that they have now reached the Monoculus-Library and are available for copying on request. Grateful thanks to the donors!

Recent Publications on Copepoda

Compiled by Jan Reid

Older publications that were recently listed in the "World of Copepoda" bibliographic database (C. B. Wilson Library) are included. Please advise us if you learn of publications (including theses and "gray literature"), on any aspect of the Copepoda, that are not held in the Monoculus Library or listed in the "World of Copepoda" database.

1994 and before

- Adamek, Z. & I. Sukop. 1992. Invertebrate communities of former Southern-Moravian floodplains (Czechoslovakia) and impacts of regulation. *Regulated Rivers: Research and Management* 7:181-192.
- Balko, M.L. 1979. The effects of physical and chemical features on zooplankton diversity in temporary ponds. Biology. M.S. Thesis, San Diego State University, San Diego, California. 130 pp.
- Balko, M.L. & T.A. Ebert. 1984. Zooplankton distribution in vernal pools of Kearny Mesa, San Diego, California. Pp. 76-89 In: Jain, S. & P. Moyle (eds.). *Vernal Pools and Intermittent Streams*. Institute of Ecology, Davis, California.
- Bauer, R. 1991. Erkrankungen der Aquarienfische. [Diseases of Aquarium Fishes.] Verlag Paul Parey. Berlin and Hamburg. [In German.]
- Bautista-Bueno, B. 1988. Interacciones tróficas fitoplancton-zooplancton: análisis "in situ" de las variaciones a corto término. [Phytoplankton-zooplankton trophic interactions: "in situ" analysis of the short-term variations.] Ph.D. Thesis, Universidad de Málaga, Málaga, Spain. [In Spanish.]
- Bayer, E. & A. Bajkov. 1929. Hydrobiologická studia rybníku lednických. I. Vyzkum heloplanktonu a jeho pomeru kvantitativních. [Hydrobiological study of the Lednické rybníky Fishponds. I. Study of heloplankton and its quantity.] *Sborník Vysoká Škola Zemědělská, Brno (D)*, 14:1-165. [In Czech.]
- Bower, S.M., S.E. McGladdery & I.M. Price. 1994. Synopsis of infectious diseases and parasites of commercially exploited shellfish. *Annual Review of Fish Diseases* 4:1-199.
- Bower, S.M., S.E. McGladdery & I.M. Price. 1994. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola porrecta* (Red Worm) of Mussels. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/mprwmu_e.htm
Date last revised: Fall 1994.
- Bower, S.M., S.E. McGladdery & I.M. Price. 1994. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola intestinalis* (Red Worm Disease) of Clams and Cockles. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/mytintcc_e.htm
Date last revised: Fall 1994.
- Bower, S.M., S.E. McGladdery & I.M. Price. 1994. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: Brood-pouch Copepod of Scallop Gills. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/bpsc_e.htm
Date last revised: Fall 1994.
- Brown, A. 1986. An experimental test of optimal outbreeding in the harpacticoid copepod *Tigriopus californicus*. M.S. Thesis, Oregon State University, Corvallis, Oregon, U.S.A.
- Burgu, A. & T. Oguz. 1984. *Carassius* balıklarının parazitolojik yoklama sonuçları. [The results of parasitological examination of *Carassius* fishes.] *Veteriner Fakültesi Dergisi, Ankara Üniversitesi [Veterinary Journal of Ankara University]* 31:197-206. [In Turkish.]
- Burgu, A., T. Oguz, W. Korting & N. Guralp. 1988. İç Anadolu'nun bazı yorelerinde tatlısu balıklarının parazitleri. [The parasites of freshwater fishes living in some parts of Central Anatolia.] *Etlik Veteriner Mikrobiyoloji Dergisi [The Journal of Etlik Veterinary Microbiology]* 6:143-166. [In Turkish.]
- Byrne, D.M. 1978. Life history of the spotfin killifish, *Fundulus luciae* (Pisces: Cyprinodontidae), in Fox Creek Marsh, Virginia. *Estuaries* 1(4):211-217.
- Chapman, P.R.J. 1979. The biology of Otter Hole, near Chepstow. *Transactions of the British Cave Research Association* 6:159-167.
- Clark, M.E. 1968. The ecology of supra-littoral rockpools with special reference to the copepod fauna. Ph.D. Thesis, University of Aberdeen, Aberdeen, Scotland.
- Črha, J. 1955. Príspevek k poznání potravy ryb v mrtvem rameni řeky Dyje. [Contribution to the knowledge of the food of fishes in dead arm of the Dyje River.] Diploma Thesis, Faculty of Science, Masaryk University, Brno, Czechoslovakia. 60 pp. [In Czech.]
- Cryer, M. & R.W. Edwards. 1987. The impact of angler groundbait on benthic invertebrates and sediment respiration in a shallow eutrophic reservoir. *Environmental Pollution* 46(2):137-150.
- Davies, B.R. & R.C. Hart. 1981. Invertebrates. Pp 51-68 In: Symoens, J.J., M.J. Burgis & J.J. Gaudet (eds.). *The Ecology and Utilization of African Inland Waters*. UNEP Reports and Proceedings: Series 1.
- Debaisieux, P. 1953. [Histology and histogenesis in *Argulus foliaceus* L.; Crustacea, Branchiura.] *Cellule* 55(2):243-290. [In French.]
- Dechaseaux, C. 1953. Sous-classe des Copépodes (Copepoda H. Milne-Edwards 1830). Pp. 295-296 In: *Traité de Paléontologie*, publié sous la direction de J. Piveteau, tome 3, Ed. Masson et Cie, Paris. 1063 pp.
- Ekingen, G. 1976. Some parasites found on European catfish (*Silurus glanis* L.) and brown trout (*Salmo trutta* L.) in

- Turkey. Veteriner Fakültesi Dergisi, Firat Üniversitesi 3:112-115.
- Geldiay, R. & S. Balik. 1974. Türkiye Tatlı Su Balıklarında Rastlanan Baslıca İç ve Dis Parazitler. [Some ectoparasites and endoparasites found on Turkish freshwater fishes.] Ege Üniversitesi Matbaası [Ege University Press], Bornova, İzmir. [In Turkish.]
- Gettman, A. 1991. Field and laboratory investigations of the mosquito pathogen *Coelomomyces stegomyiae*. Ph.D. Thesis, University of Florida, Gainesville, Florida, U.S.A.
- Gilabert-Cervera, J. 1992. Análisis del ecosistema planctónico del Mar Menor. Ciclo anual, distribución de tamaños y red trófica. [Analysis of the planktonic ecosystem of the Mar Menor. Annual cycle, size distribution and trophic web.] Ph.D. Thesis, Universidad de Murcia, Murcia, Spain. [In Spanish.]
- Gillet, D. 1976. Élevage d'invertébrés marins en circuit fermé. [Closed-circuit rearing of marine invertebrates.] Thèse de 3e Cycle: Sciences biologiques fondamentales et appliquées, Université Aix Marseille 2, Marseilles, France. [In French.]
- Gómez, M. 1991. Biomasa y actividad metabólica del zooplancton en relación con un efecto de masa de isla en aguas de Gran Canaria. [Biomass and metabolic activity of zooplankton in relation to an island mass effect in waters of Grand Canary.] Ph.D. Thesis, Facultad de Ciencias del Mar, Universidad de las Palmas de Gran Canaria, Las Palmas, Grand Canary, Spain. [In Spanish.]
- González, H.E. 1992. Distribution and vertical flux of faecal pellets of metazoan (copepods) and protistan origin. *Berichte zur Polarforschung* 115:76-78.
- González, H.E. 1994. Zooplankton faecal pellets in high-latitude marine ecosystems. Ph.D. Thesis, University of Bremen, Bremen, Germany. 250 pp.
- Grabiec, S., A. Guttowa, K. Jakutowicz & W. Michajłow. 1964. [Preliminary studies on the transformations of high energy compounds in the coracidian, *Triaenophorus nodulosus* (Pall.) (Cestoda) and in the first intermediate hosts (Copepoda). *Wiadomosci Parazytologiczne* 10:277-279. [In Polish.]
- Grossmannova, J. 1994. Sezonní zmeny zooplanktonu a litorálního benthosu rybníka u Breclavi. [Seasonal changes in the zooplankton and littoral benthos of a pond near Breclav.] Diploma Thesis, Faculty of Science, Masaryk University, Brno, Czechoslovakia. 60 pp. [In Czech.]
- Güher, H. & T. Kirgiz. 1989. Süleoğlu Baraj Gölü ve Budakdoğanca, Korucuköy, Eskikadin Göletlerinin Cladocera ve Copepoda (Crustacea) Türleri. [Cladocera and Copepoda (Crustacea) species of Süleoğlu Dam Lake and Budakdoğanca, Korucuköy, Eskikadin ponds.] *Anadolu Üniversitesi Fen Edebiyat Fakültesi Dergisi / Journal of the Science and Arts Faculty of Anadolu University* 2(2):25-43. [In Turkish.]
- Haase, W. 1974. [Previously unrecognized chloride cell organ of *Argulus foliaceus* L. (Crustacea, Branchiura)] *Experientia* 30(4):407-409. [In German.]
- Hahnenkamp, L. & H.J. Fyhn. 1985. The osmotic response of salmon louse *Lepeophtheirus salmonis* (Copepoda: Caligidae) during the transition from sea water to fresh water. *Journal of Comparative Physiology, B, Biochemical, Systematic and Environmental Physiology* 155(3):357-366.
- Hanazato, T., T. Iwakuma, M. Yasuno & M. Sakamoto. 1989. Effects of temephos on zooplankton communities in enclosures in a shallow eutrophic lake. *Environmental Pollution* 59(4):305-314.
- Hart, R.C. 1981. The aquatic invertebrates of Lake Sibaya. Pp. 114-122 In: Bruton, M.N. & K.H. Cooper (eds.). *Studies on the Ecology of Maputaland*. Rhodes University Printers, Grahamstown.
- Hart, R.C. 1986. Plankton, fish and man. A triplet in limnology. Rhodes University Publishers, Grahamstown. 33 pp.
- Havens, K.E. 1994. An experimental comparison of the effects of two chemical stressors on a freshwater zooplankton assemblage. *Environmental Pollution* 84(3):245-251.
- Hazelton, M. 1963. The biological investigation. Part 2. Fauna list. Pp. 39-43 In: Tratman, E.K. (ed.). *Reports on the Investigations of Pen Park Hole, Bristol*. Cave Research Group Publication No. 12.
- Hermanutz, R.O., S.F. Hedtke, J.W. Arthur, R.W. Andrew, K.N. Allen & J.C. Helgen. 1987. Ammonia effects on microinvertebrates and fish in outdoor experimental streams. *Environmental Pollution* 47(4):249-283.
- Hernández-León, S., L. Postel, J. Aristegui, M. Gómez, M.F. Montero, S. Torres, C. Almeida, E. Kühner, U. Brenning & E. Hagen. 1992. Large scale and mesoscale patterns of metabolic activity of epipelagic micro and mesoplankton in the Northeastern Central Atlantic at 21° N. *International Council for the Exploration of the Sea* 5:1-12.
- Horsberg, T.E., G.N. Derge, T. Hoy, H.O. Djupvik, I.M. Hogstad, H. Hektoen & R. Ringstad. 1987. Dichlorvos as a fish delousing agent. Clinical trials and toxicity testing. *Norsk Veterinærtidsskrift* 99:611-615.
- Ivanova, M.B. 1985. Produktsiia planktonnykh rakoobraznykh v presnykh vodakh. (Production of planktonic crustaceans in fresh-water.) *Zoologicheskii in-t AN SSSR, Leningrad*. 219 pp. [In Russian; title and table of contents in English.]
- Jones, R.N. & O.E. Maughan. 1989. Food habits of the juvenile and adult orangebelly darter, *Etheostoma radiosum*, in Glover Creek, Oklahoma. *Proceedings of the Oklahoma Academy of Science* 69:39-43.
- Juberthie, C. & V. Decu. 1994. Ireland. Pp. 725-732 In: Juberthie, C. & V. Decu (eds.). *Encyclopaedia Biospeologica*. Société de Biospéologie, Moulis & Bucharest.
- Kapler, O. 1938. K nove situaci na jizni Morave. *Al nova*

- situacio sur suda Moravio. *Priroda* 31:269-270. [In Czech; Spanish summary.]
- Kapler, O. 1940. Nova zkusenost s jarni vodni faunou. Eine neue Erfahrung mit der Fruhjahrswasserfauna. *Priroda* 33:147-148. [In Czech; German summary.]
- Kapler, O. 1940. Ke zprave: Nova zkusenost s jarni vodni faunou. [To the report: Eine neue Erfahrung mit der Fruhjahrswasserfauna.] *Priroda* 33:217-218. [In Czech; German summary.]
- Kitchell, J.F. & S.R. Carpenter. 1993. Cascading trophic interactions. In: Carpenter, S.R. & J.F. Kitchell (eds.). *The Trophic Cascade in Lakes*. Cambridge University Press, Cambridge.
- Kuczman, O. 1984. Periodicke tune jizni Moravy, minulost a soucasny stav nekterych lokalit. [Temporary pools in southern Moravia: the past and present status of some localities.] Diploma Thesis, Faculty of Science, Masaryk University, Brno, Czechoslovakia. 60 pp. [In Czech.]
- Langeland, A. 1978. Bestemmelsestabell over norske Cyclopoida Copepoda funnet i ferskvann (34 arter). [Key to Norwegian freshwater Cyclopoida Copepoda (34 species).] Rapport det Kongelige Norske Videnskabers Selskab, Museet, Trondheim, Zoologisk Serie 4:1-21. [Report to the Royal Norwegian Association for the Sciences, the Museum, Trondheim. Zoological Series, 4:1-21.] [In Norwegian.]
- Losos, B. & J. Hetesa. 1971. Hydrobiological studies on the Lednicke rybniky ponds. *Acta Scientia Naturalium*, Brno 5(10):1-54.
- Losos, B. & J. Hetesa. 1972. Plankton pludkovych rybniku. Plankton of fry ponds. *Folia Monografia*. Vol. 1. Univ. J.E. Purkyne, Brno, pp. 1-96 + 17 figs. [In Czech; Russian & English summaries.]
- Losos, B. & J. Hetesa. 1973. Plankton of the Lednice fishponds. In: Kvet, J. (ed.). *Littoral of the Nesyt Fishpond*. Studie CSAV, Academia, Prague, 15:67-69.
- Lowry, R.K., P. Machin & R.N. Cramer. 1994. BOFS North Atlantic Data Set. Oceanographic data collected during the North Atlantic cruises of the NERC Biogeochemical Ocean Flux Study (1989-1991): a UK contribution of JGOFS, Natural Environmental Research Council, British Oceanographic Data Centre, Merseyside, United Kingdom, incl. CD: 140 pp. Project: Biogeochemical Ocean Flux Study (BOFS), <http://www.bodc.ac.uk/projects/bofs.html>. Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- Martin, D.S. & A.J. Shine. 1993. Food and feeding relationships of pelagic fish in Loch Ness. *The Scottish Naturalist* 105:149-174.
- Martin, D.S., A.J. Shine & A. Duncan. 1993. The profundal fauna of Loch Ness and Loch Morar. *The Scottish Naturalist* 105:113-136.
- Mendoza-Leandro, M.A. 1994. Abundancia y distribución de copepodos meiobentonicos intermareales en la laguna ensenada del Pabellón, Sinaloa. [Abundance and distribution of intertidal meiobenthic copepods in the inlet lagoon of Pabellón, Sinaloa.] Tesis de Licenciatura, Facultad de Ciencias, Universidad Nacional Autónoma de México - U.N.A.M, México, D.F., Mexico. 43 pp. [In Spanish.]
- Michajlow, W. 1972. [Formation and evolution of parasitism among Euglenoidina (Flagellata) -- parasites of Copepoda.] *Parazitologiya* 6(1):3-7. [In Russian.]
- Michajlow, W. 1972. *Mononema harpacticolens* sp. n. (Euglenoidina) a parasite of Copepoda from Poland. *Bulletin de l'Académie Polonaise des Sciences, Série des Sciences Biologiques* 20(1):43-44.
- Monteiro-Ribas, W.M., M.A. Mureb & E. Pessotti. 1979. O copépodo *Calanoides carinatus* como indicador das águas de ressurgência de Cabo Frio – Brasil. *Publicação do Instituto de Pesquisas da Marinha, Rio de Janeiro* 134:1-8.
- Morales-Ramírez, A. 1987. Caracterización del zooplancton del arrecife en el Parque Nacional Cahuita, Limón, Costa Rica. [Characterization of the reef zooplankton in Cahuita National Park, Limón, Costa Rica.] Tesis de Maestría, Universidad de Costa Rica, San Pedro, Costa Rica. 69 pp. [In Spanish.]
- Mujica, A. 1994. Zooplancton de las aguas circundantes a la Isla de Pascua (27°08'S - 109°26'W). [Zooplankton of the waters around Easter Island (27°08'S - 109°26'W).] *Ciencia y Tecnología del Mar, CONA*, 16:55-61. [In Spanish.]
- Nodot, C. 1977. Cycle biologique du meiobenthos des sables fins infralittoraux, analysé in situ et étude expérimentale des effets du facteur thermique. [Biological cycle of the meiobenthos of sublittoral fine sands, analyzed in situ and experimental study of the effects of the thermal factor.] Doctorat d'État: Sciences biologiques fondamentales et appliquées, Université Aix Marseille 2, Marseilles, France. [In French.]
- Özü, M.C. 1991. An investigation on carps (*Cyprinus carpio* L. 1758) which were caught from some freshwaters of Bursa region (Kocadere-Ekinli and Uluabat). *Türkiye Parazitoloji Dergisi* 15:3-110. [In Turkish.]
- Oliva, E. 1989. Descripción de la comunidad zooplanctónica en el área del río Loa durante cruceros de reclutamiento. Programa INPESCON 1989. [Description of the zooplankton community in the area of the Loa River during recruitment cruises.] Depto. Ciencias del Mar, Universidad Arturo Prat, Iquique, Chile. *Documentos Técnicos* 37(9):1-37. [In Spanish.]
- Ortak, R. & T. Kirgiz. 1988. Gala Gölü Cladocera ve Copepoda (Crustacea) Türleri. [Cladocera and Copepoda (Crustacea) species of Gala Lake.] IX. Ulusal Biyoloji Kongresi, 21-23 Eylül 1988, Sivas, C. 2: 377-385. [Proceedings of the IX. National Biology Congress, 21-23 September 1988, Sivas, Turkey] [In Turkish.]
- Palomares-García, J.R. 1989. Analisis de la variación espacio-temporal de los copepodos planctonicos de

- Bahía Magdalena Baja California Sur (1983-1984). M.S. Thesis, Centro Interdisciplinario de Ciencias Marinas - CICIMAR, Instituto Politécnico Nacional, La Paz, Baja California Sur, Mexico. 55 pp.
- Pillai, J.S. 1985. Biocontrol approaches in New Zealand, Western Samoa, and Fiji. Pp. 375-393 In: Integrated Mosquito Control Methodologies. Volume 2. Academic Press, London.
- Postel, L., S. Hernández-León, M. Gómez, S. Torres, U. Mikkat & A. Portillo-Hahnefeld. 1992. Zooplankton oxygen consumption and nutrient release in relation to species composition, animals size and enviromental conditions in the Baltic Sea during May and August. International Council for the Exploration of the Sea 5:12-16.
- Ramírez, F.C., H. Mianzán, B. Santos & M. Viñas. 1990. Zooplankton. In: Sinopsis on the reproductive biology and early life history of *Engraulis anchoita* and related environmental conditions in Argentine waters. IOC Workshop Reports 65(5):4-6.
- Rankin, J.S. 1941. Parasites and abnormalities of the striped bass. Studies of the striped bass (*Roccus saxatilis*) of the Atlantic Coast. U.S. Fish and Wildlife Service Fisheries Bulletin 50:5556.
- Razumova, E.P. & A.I. Gutkovskaia. 1959. [Copepoda in a focus of diphyllbothriasis of the lake-river type.] Meditsinskaia Parazitologiya, Moscow 28(1):89-94. [In Russian.]
- Richards, R. 1977. Diseases of aquarium fish - 2. Skin diseases. Veterinary Record 101:132-135.
- Rojas, O. & A. Orellana. 1984. Estudio del zooplancton del norte de Chile durante Febrero y Marzo de 1983. [Study of the zooplankton of northern Chile during February and March 1983.] Instituto de Fomento Pesquero, Santiago, Chile. 50 pp + anexos. [In Spanish.]
- Roux, M. 1975. L'analyse des données en biologie vegetale et quelques domaines circonvoisins. [Alalysis of data in plant biology and some related areas.] Doctorat d'État: Sciences et Techniques Communes, Université Paris 6, Paris, France. [In French.]
- Sameoto, D. 1981. Horizontal and vertical distributions of zooplankton numbers and biomass off the coast of Peru. Boletín del Instituto del Mar del Perú, Callao, Vol. Extraordinario, ICANE:164-170.
- Sanoamuang, L. & T. Rojanaburanon. 1982. Zooplankton in the Tha Chin Estuary. Proceedings of the Second National Seminar on Marine Science, National Council of Thailand. Pp. 428-442.
- Sarieyyupoglu, M. & N. Saglam. 1991. Keban Baraj Golu'nun kirli bolgesinden yakalanan *Capoeta trutta* baliklarinda gorulen *Ergasilus sieboldi* ve *Argulus foliaceus*. [*Ergasilus sieboldi* and *Argulus foliaceus* found on *Capoeta trutta* specimens collected from polluted area of Keban Dam Lake.] Ege Üniversitesi Su Ürünleri Fakültesi Su Ürünleri Dergisi [Journal of Fisheries and Aquatic Sciences (Published by Ege University Press)] 8:143-154. [In Turkish.]
- Schiel, S. & A. Mujica. 1993. Zooplankton: Antarctic Peninsula (Atlantic Region). Pp. 79-92 In: El-Sayed, S. (ed.). Southern Ocean Ecology: The BIOMASS Perspective. Cambridge University Press, Cambridge, U.K.
- Schillak, L. 1994. Die Zucht aquatischer Mikroorganismen im kontinuierlichen Kreislaufsystem am Beispiel des marinen Harpacticoiden *Tisbe holothuriae* (Humes), Copepoda. Ph.D. Thesis, Universität-Gesamthochschule-Essen, Essen, Germany.
- Setzler, E.M., W.R. Boynton, K.V. Wood, H.H. Zion, L. Lubbers, N.K. Mountford, P. Frere, L. Tucker & J.A. Mihursky. 1980. Synopsis of biological data on striped bass, *Morone saxatilis* (Walbaum). U.S. National Marine Fisheries Service Circular 433. 69 pp.
- Shine, A.J. & D.S. Martin. 1988. Loch Ness habitats observed by sonar and underwater television. Scottish Naturalist 100:111-119.
- Shine, A.J., D.S. Martin & R.S. Marjoram. 1993. Spatial distribution and diurnal migration of the pelagic fish and zooplankton in Loch Ness. Scottish Naturalist 105:195-235.
- Silence, J., Ph. Polk & F. Fiers. 1993. Influence of macrofauna on the vertical distribution of meiobenthos in an *Avicennia* mangal, Gazi Bay, Kenya. Belgian Journal of Zoology 123(Suppl. 1):67.
- Singhal, R.N., S. Jeet & R.W. Davies. 1986. Chemotherapy of six ectoparasitic diseases of cultured fish. Aquaculture 54(3):165-171.
- Sladeczek, V. 1973. A swarm of the zooplankton in the Nesyt fishpond. In: Kvet, J. (ed.). Littoral of the Nesyt fishpond. Studie CSAV, Academia, Prague. Pp. 71-72.
- Soudek, S. 1929. Príspevek k vyzkumu zooplanktonu rybníku lednických. Contribution to the knowledge of the zooplankton of the ponds of Lednice (Eisgrub). Sbornik Masarykuv ustav Akademie, Prace 3:38-79. [In Czech; English & German summaries.]
- Soulsby, E.J.L. 1982. Helminths, Arthropods and Protozoa of Domesticated Animals. Seventh Ed. Baillière Tindall, London, U.K. 809 pp.
- Steinberg, D.K. 1993. The use of mesopelagic detritus by zooplankton in Monterey Bay, California. Ph.D. Thesis, University of California at Santa Cruz, Santa Cruz, California, U.S.A. 163 pp.
- Sukop, I. 1993. Vliv vodohospodarských uprav na jizni Morave na rozvoj vodnich biocenoz bezobratlych zivocichu v inundacnim uzemi reky Dyje. [Influence of water management modifications in southern Moravia on the development of invertebrate biocoenoses in the floodplain of the Dyje River.] Habilitation Thesis, Faculty of Science, Masaryk University, Brno, Czechoslovakia. 92pp. [In Czech.]
- Tailliez, D., C. Bournot, N. Leblond, D. Lefevre, M. Minas, I. Palazzoli, C. Pierre, J. Raunet & A. Vangriesheim. 1993. Données hydrologiques; campagnes EUMELI 3, 4

- et 5. Internal Reports, Villefranche-sur-Mer. 850 pp. Project: Biogeochemical processes in the Oceans and Fluxes (PROOF), http://www.obs-vlfr.fr/proof/index_vt.htm. Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- Taylor, C.J.L. 1987. The zooplankton of the Forth, Scotland. In: McLusky, D.S. (ed.). The Natural Environment of the estuary and Firth of Forth. Proceedings of the Royal Society of Edinburgh 93B(3/4):377-388.
- Teyrovsky, V. 1937. Faunistické poznámky, 1-3. Faunistische Bemerkungen, 1-3. [Remarks on the Fauna, 1-3.] Sborník Klubu Přírodovědeckého, Brno 20:38-40. [In Czech; German summary.]
- Torres, S. 1991. Regeneración de amonio en aguas de Canarias mediante estudios de actividad GDH en zooplancton y ETS en meiofauna. [Regeneration of ammonia in waters of the Canaries through studies of GDH activity in zooplankton and ETS in meiofauna.] Tesis Doctoral, Facultad de Ciencias del Mar, Universidad de las Palmas de Gran Canaria, Las Palmas, Grand Canary, Spain. [In Spanish.]
- Turcott-Dolores, V. 1972. Contribución a la ecología de algunos copepodos (Crustacea, Copepoda de la Laguna de Yavaros, Son., México. Tesis de licenciatura, Facultad de Ciencias, Universidad Nacional Autónoma de México - U.N.A.M, México, D.F., Mexico. 68 pp. [In Spanish.]
- Uye, S. 1981. Population dynamics and production of *Acartia clausi* (Copepoda: Calanoida) in inlet waters. Dr. of Agriculture, Tohoku University, Tohoku, Japan.
- Valousek, B. 1926. Nekolik důležitých lokalit hydrobiologických z inundačního pásma dolní Dyje. [Several important hydrobiological localities from floodplains of the Dyje River.] Casopis Vlastivedné Spolku Musejního v Olomouci 37:11-16. [In Czech.]
- Valousek, B. 1926. Lokality zabronozky snežni (*Chirocephalus grubii* Dyb.) na Breclavsku. [Localities of *Chirocephalus grubii* Dyb. from Breclav environs.] Příroda 19:11. [In Czech.]
- Valousek, B. 1951. Periodická snežni tun jako biotop. [Temporary snow pool as habitat.] Acta Academiae Scientiarum Naturalium Moravo-Silesiaca, Brno 23:411-436. [In Czech; Latin summary.]
- Windust, A. 1992. The response of bacteria, microalgae, and zooplankton to the diatom *Nitzschia pungens* forma *multiseriis*, and its toxic metabolite domoic acid. M.Sc. Thesis, Dalhousie University, Halifax, Nova Scotia, Canada. 107 pp.
- Zacharova, M. 1959. Perloocky a klanonozci inundačních tuni mezi Podivínem a Lednicí na jižní Moravě. [Cladocerans and copepods in the inundation pools between Podivín and Lednice, southern Moravia.] Diploma Thesis, Faculty of Science, Masaryk University, Brno, Czechoslovakia. 75 pp. [In Czech.]
- Zagarese, H.E. 1989. Predación por larvas de peces, particularmente de bagre sapo (*Rhamdia sapo*) y pejerrey (*Odonthestes bonariensis*) y sus efectos sobre las comunidades zooplanctónicas de agua dulce. Tesis Doctoral, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Buenos Aires, Argentina. 220 pp.
- Zapletal, J. 1932. Vodní květ a plankton na Lednicku v letech 1930 a 1931. [Water-bloom and plankton in the Lednice environment in the years 1930-1931.] Zprávy Komise na Přírodovědecký Vědecký Ústav Moravy a Slezska, odd. bot. 10 (14):1-22. [In Czech.]

1995

- Danovaro, R., M. Fabiano & M. Vincx. 1995. Meiofauna response to the Agip Abruzzo oil spill in subtidal sediments of the Ligurian Sea. Marine Pollution Bulletin 30(2):133-145.
- Fraser, N.R. 1995. Effect of cypermethrin formulated as GPRD01 on chlamydomonas stages of sea lice infecting Atlantic salmon (*Salmo salar*) at a sea water temperature of 7.5°C. Grampian Pharmaceuticals Ltd., Research Division, Lancashire, U.K.
- Gaughan, D.J. & I.C. Potter. 1995. Composition, distribution and seasonal abundance of zooplankton in a shallow, seasonally closed estuary in temperate Australia. Estuarine, Coastal and Shelf Science 41(2):117-135.
- Hall, L.W., M.C. Ziegenfuss, R.D. Anderson & B.L. Lewis. 1995. The effect of salinity on the acute toxicity of total and free cadmium to a Chesapeake Bay copepod and fish. Marine Pollution Bulletin 30(6):376-384.
- Hart, R.C. 1995. Comparative studies of plankton ecology in warm-water reservoirs: aspects of relevance to tropical limnology. Pp. 229-245 In: Timotius, K.H. & F. Göltenboth (eds.). Tropical Limnology Vol II. Tropical Lakes and Reservoirs. Satya Wacana University Press, Salatiga.
- Jerling, H.L. & T.H. Wooldridge. 1995. Feeding of two mysid species on plankton in a temperate South African estuary. Journal of Experimental Marine Biology and Ecology 188(2):243-259.
- Juanico, M., Y. Azov, B. Teltsch & G. Shelef. 1995. Effect of effluent addition to a freshwater reservoir on the filter clogging capacity of irrigation water. Water Research 29(7):1695-1702.
- Mujica, A., C. Carvajal & O. Miranda. 1995. Cultivo experimental de *Tigriopus* sp. (Copepoda: Harpacticoida), antecedentes biológico-poblacionales. [Experimental culture of *Tigriopus* sp. (Copepoda: Harpacticoida), biological and population preliminary data.] Investigaciones Marinas, Valparaíso 23:75-82. [In Spanish.]
- Portillo-Hahnefeld, A. 1995. Estudio de la tasa de ingestión y pastaje del zooplancton: metodología, importancia en los flujos biogeoquímicos, respuesta funcional y su distribución en diferentes áreas oceánicas. [Study of the

rate of ingestion and grazing of zooplankton: methodology, importance in biogeochemical fluxes, functional response and their distribution in different oceanic areas.] Tesis Doctoral, Facultad de Ciencias del Mar, Universidad de las Palmas de Gran Canaria, Las Palmas, Grand Canary, Spain. [In Spanish.]

Uda, S., W.A. Tiller, G.J. Edgar & C. Shaw. 1995. The production and trophic ecology of shallow-water fish assemblages in southern Australia II. Diets of fishes and trophic relationships between fishes and benthos at Western Port, Victoria. *Journal of Experimental Marine Biology and Ecology* 194(1):83-106.

1996

Barranco-Ramírez, J.E. 1996. Variación de la abundancia de copepodos durante los ciclos de producción de camarón en una granja semi-intensiva en el sur de Sinaloa (Mex. 1993-94). [Variation in the abundance of copepods during the production cycles of shrimp in a semi-intensive hatchery in southern Sinaloa (Mex. 1993-94.) Tesis de licenciatura, Universidad Autónoma de Sinaloa, Culiacán, Mexico. 72 pp. [In Spanish.]

Bower, S.M. 1996. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola orientalis* (Red Worm) of Mussels. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/morwmu_e.htm
Date last revised: Sept. 18, 1996

Bower, S.M. 1996. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: Parasitic Copepods on Lobsters. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/parcoplo_e.htm
Date last revised: Sept. 18, 1996

Davis, C.S., C.J. Ashjian & P. Alatalo. 1996. Zooplankton diversity: a bizarre – and changing – array of life forms. *Oceanus*, 3/22/96

Halvorsen, G., S.-E. Storeid & B. Walseng. 1996. Dokka-deltaet: ferskvannsbiologiske konsekvenser av kraftutbyggingen i Dokka-vassdraget. [The Dokka delta: freshwater biological consequences of the hydroelectric power plant construction in the Dokka watershed.] NINA (Norsk Institutt for Naturforskning) Oppdragsmelding 437:1-101. [In Norwegian.]

Hart, R.C. 1996. Comparative ecology of plankton in cascading warm-water reservoirs: aspects of relevance to tropical limnology. Pp 113-130 In: Schiemer, F. & K.T. Boland (eds.). *Perspectives in Tropical Limnology*. SPB Academic Publishing bv, Amsterdam.

Loureiro-Fernandes, L. 1996. Zooplankton variability around Elephant Island, Antarctica, during the austral summers of 1990-1991 and 1991-1992. Ph.D. Thesis, Texas A&M University, College Station, Texas, U.S.A.

Møskeland, T. 1996. Skrubbeflyndras (*Platichthys flesus* (L.)) adferd i relasjon til parasittangrep av skrubbelus, *Lepeophtheirus pectoralis* (Müller) (Copepoda:

Caligidae), og *Acanthochondria cornuta* (Müller.). [The behaviour of the flounder (*Platichthys flesus* (L.)) in relation to parasite infections with *Lepeophtheirus pectoralis* (Müller) (Copepoda: Caligidae), and *Acanthochondria cornuta* (Müller) (Copepoda: Poecilostomatoidae).] Cand. Scient. Thesis, University of Oslo, Oslo, Norway. [In Norwegian.]

Mujica, A. 1996. Antecedentes biológico-poblacionales de *Tigriopus* sp. (Copepoda: Harpacticoidea), diseño y evaluación de su cultivo experimental, como alimento vivo. [Biological and population preliminary data on *Tigriopus* sp. (Copepoda: Harpacticoidea), design and evaluation of its experimental culture, as a live feed.] Tesis Magister Acuicultura Marina, Facultad de Biología, Universidad de Barcelona, Spain. 87 pp. [In Spanish.]

Olsen, E.M. 1996. Eksperimentelle studier av fødeopptak hos den carnivore copepoden *Paraeuchaeta norvegica*. [Experimental study of food uptake in the carnivorous copepod *Paraeuchaeta norvegica*.] M.S. Thesis, University of Oslo, Oslo, Norway. [In Norwegian.]

Reid, J.W. 1996. Checklist of the Copepoda (Crustacea) of the District of Columbia. Bio-Blitz World Wide Web site, USGS Patuxent Wildlife Research Center, Maryland, U.S.A.
<http://www.pwrc.usgs.gov/blitz/biocopewash.html>
[Updated url.]

Tareen, I.U. 1996. Parasitic infestations on cultured marine fish *Acanthopagrus cuvieri* (Sparidae) incidence and control. Pp. 85-90 In: Vivares, C.P., J.R. Bonami & E. Jaspers (eds.). *Pathology in Marine Aquaculture*. European Aquaculture Society, Bredene, Belgium.

Zeller, U. 1996. Saisonale Entwicklung des Mesozooplanktons und die Auswirkung auf den vertikalen Partikelfluß am Kontinentalhang der Barentssee. [Seasonal development of the mesozooplankton and the effects on the vertical particle flux on the Barents Sea continental shelf.] *Berichte aus dem Sonderforschungsbereich 313, Christian-Albrechts-Universität, Kiel*, 64:1-106. [In German.]

1997

Borroto, R.J. 1997. La ecología de *Vibrio cholerae* serogrupo 01 en ambientes acuáticos. [Ecology of *Vibrio cholerae* serogroup 01 in aquatic environments.] *Revista Panamericana de Salud Pública* 1(1):3-8. [In Spanish; abstract in English.]

Borroto, R.J. 1997. Ecology of *Vibrio cholerae* serogroup 01 in aquatic environments. *Revista Panamericana de Salud Pública* 2(5):328-333. [Abstract in Spanish.]

Boschi, E.E. 1997. La Carcinología argentina: una reseña histórica. (Carcinology in Argentina: an historical review.). *Investigaciones Marinas, Valparaíso* 25:223-244. [In Spanish; abstract in English.]

Gómez, M. & S. Hernández-León. 1997. Estudio de la

- comunidad mesozooplancónica en relación a un efecto de isla en aguas de Gran Canaria. [Study of the mesozooplankton community in relation to an island effect in waters of Grand Canary.] *Vieraea* 26:11-21. [In Spanish.]
- Hart, J.L., J.R.M. Thacker, J.C. Braidwood, N.R. Fraser & J.E. Matthews. 1997. Novel cypermethrin formulation for the control of sea lice on salmon (*Salmo salar*). *Veterinary Record* 140:179-181.
- Ritterhoff, J. 1997. Assessment of trace metals in zooplankton from the Fram Strait and the Greenland Sea. Ph.D. Dissertation, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany. 101 pp.
- Shiomoto, A., K. Tadokoro, K. Nagasawa & Y. Ishida. 1997. Trophic relations in the subarctic North Pacific ecosystem: Possible feeding effect from pink salmon. *Marine Ecology Progress Series* 150:75-85.
- Slaninova-Pokorna, I. 1997. Periodické tunky v okolí Podivína. [Temporary pools in the vicinity of Podivín.] *Podivínský Vlastivedný Sborník Mesta urad, Podivín*, pp. 45-48. [In Czech.]
- Spurný, V. 1997. Dynamika rozvoje zooplanktonu a zoobentosu Mahenova jezera. [Dynamics of zooplankton and zoobenthos in Lake Mahenovo jezero.] Diploma Thesis, Faculty of Agronomy, Mendel University of Agriculture and Forestry, Brno, Czechoslovakia. 74 pp. [In Czech.]
- Urias-Sotomayor, R. 1997. Zooplankton y características del agua en un sistema de cultivo semi-intensivo de camarón en el Municipio de Culiacán, Sinaloa, Mexico, durante el ciclo verano-invierno 1995-1996. [Zooplankton and water characteristics in a semi-intensive shrimp culture system in the Municipality of Culiacán, Sinaloa, Mexico, during the 1995-1996 summer-winter cycle.] M.S. Thesis, Facultad de Ciencias del Mar, Universidad Autónoma de Sinaloa, Culiacán, Mexico. 117 pp. [In Spanish.]
- Vu, S.N., R. Marchand, V.T. Tran & V.B. Nguyen. 1997. Dengue vector control in Viet Nam using *Mesocyclops* through community participation. WHO Regional Office for Southeast Asia, *Dengue Bulletin* 21, December 1997. <http://w3.whosea.org/dengue/DengueBulletin21/ch15.htm>
- Woo, P.T.K. 1997. Immunization against parasitic diseases in fish. In: Gudding, R., A. Lillehaug, P.J. Midtlyng & F. Brown (eds.). *Fish Vaccinology*. Karger Press, Basel, Switzerland. *Developments in Biological Standardization* 90:233-241.
- 1998**
- Biegala, I. 1998. Productivité zooplanctonique dans les écosystèmes marins: approche biochimique (ATCASE). [Zooplankton productivity in marine ecosystems: a biochemical approach (ATCASE).] Thèse de Doctorat: Sciences biologiques fondamentales et appliquées, Université Aix Marseille 2, Marseilles, France. 147 pp. [In French.]
- Bleck, J. 1998. Estructura comunitaria de los ensambles zooplanctónicos epipelágicos del norte de Chile durante el desarrollo del evento "El Niño" 1991-1992. [Community structure of the epipelagic zooplankton assemblages during the development of the 1991-1992 "El Niño" event. Tesis Biología Marina, Universidad Arturo Prat, Iquique, Chile. 39 pp. + anexos. [In Spanish.]
- Caparroy, Ph. 1998. Rôle de la turbulence dans les interactions entre le zooplancton et ses proies (phytoplancton et microzooplancton). Modélisation des processus, paramétrisation, expériences au laboratoire. [Role of turbulence in the interactions between zooplankton and their preys (phytoplankton and microzooplankton). Modeling of the processes, parametrization, laboratory experiments.] Thèse de Doctorat: Sciences biologiques fondamentales et appliquées, Université de Paris 6, Paris, France. 345 pp. [In French.]
- Errhif, A. 1998. Composition et structure du zooplancton du secteur indien de l'Océan Austral. Rôle du métabolisme respiratoire. [Composition and structure of the zooplankton of the Indian sector of the Southern Ocean. Role of respiratory metabolism.] Thèse de Doctorat: Sciences biologiques fondamentales et appliquées, Université Aix Marseille 3, Marseilles, France. 247 pp. [In French.]
- Flidr, J. 1998. Dynamika rozvoje zooplanktonu Zameckeho a Podzameckeho rybníku. [Dynamics of zooplankton in Zamecky and Podzamecky Ponds.] Diploma Thesis, Faculty of Agronomy, Mendel University of Agriculture and Forestry, Brno, Czechoslovakia. 52 pp. [In Czech.]
- Forget, J. 1998. Impact neurotoxique de contaminants (pesticides et métaux) sur un crustacé marin *Tigriopus brevicornis* (Muller). Caractérisation de la cholinestérase et application à la surveillance des effets des polluants sur l'environnement marin. [Neurotoxic impact of contaminants (pesticides and metals) on a marine crustacean *Tigriopus brevicornis* (Muller). Characterization of cholinestérase and application to monitoring of the effects of the pollutants on the marine environment.] Thèse de Doctorat: Sciences biologiques fondamentales et appliquées, Université de Paris 6, Paris, France. 268 pp. [In French.]
- Gómez-Noguera, S.E. 1998. Systematics and some data on the ecology of the harpacticoid fauna (Copepoda, Harpacticoida) from a subtropical coastal lagoon in the south-eastern Gulf of California, (Mexico). Ph.D. Thesis, Limburgs Universitair Centrum & UNAM-ICML, Estación Mazatlán, Sinaloa, Mexico. 171 pp.
- **Halsband, C. & H.-J. Hirche. 1998. Scientific Cruise Report of the Kara Sea Expedition of RV "Akademik Boris Petrov" in 1997. 5.2 Zooplankton. Reports on

- Polar Research / Berichte zur Polarforschungen 266:25-27.
- Holst, J.C. & P.J. Jakobsen. 1998. Dødelighet hos utvandrende postsmolt av laks som følge av lakselusinfeksjon. [Mortality of running salmon post-smolts due to salmon louse infection.] Fiskets Gang 8:13-15. [In Norwegian.]
- Kunz-Pirrung, M. 1998. Rekonstruktion der Oberflächenwassermassen der östlichen Laptevsee im Holozän anhand von aquatischen Palynomorphen (Aquatic palynomorphs: Reconstruction of Holocene sea-surface water masses in the eastern Laptev Sea). Reports on Polar Research, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, 281: 117 pp. <http://www.awi-bremerhaven.de/BIB/BerPolarforsch/BerPolarforsch1998281.pdf>. Project: Quaternary Environment of the Eurasian North (QUEEN), <http://www.geomar.de/~hbauch/king/html/queen.html> [Dataset.]
- Schaper, S., F. Hernández & L. Soto. 1998. La lucha contra el dengue: control biológico de larvas de *Aedes aegypti* empleando *Mesocyclops thermocyclopoides* (Crustácea). [The struggle against dengue: biological control of larvae of *Aedes aegypti* using *Mesocyclops thermocyclopoides* (Crustacea).] Revista Costarricense de Ciencias Médicas 19(1-2):119-125. [In Spanish; abstract in English.]
- Simovich, M. 1998. Crustacean biodiversity and endemism in California's ephemeral wetlands. Pp. 107-118 In: Witham, C.W., E.T. Bauder, D. Belk, W.R. Ferren Jr. & R. Ornduff (Eds.). Ecology, Conservation, and Management of Vernal Pool Ecosystems – Proceedings from a 1996 Conference. California Native Plant Society, Sacramento, California.
- Wadsworth, S.L. 1998. The control of *Lepeophtheirus salmonis* (Copepoda: Caligidae) (Krøyer, 1837) on Atlantic salmon *Salmo salar* L. production sites. Ph.D. Thesis, Department of Zoology, University of Aberdeen, Aberdeen, Scotland.
- 1999**
- Anonymous. 1999. Diatoms are copepod contraceptive. Science Now, Nov 1999:3.
- Beghin, V. 1999. Étude de la matière organique et du réseau trophique en estuaire du Seine; utilisation des marqueurs biogéochimiques (acides gras et stérols). [Study of the organic matter and the trophic web in the Seine estuary; use of biogeochemical markers (fatty acids and sterols).] Thèse de Doctorat: Sciences biologiques et appliquées, Université Lille 1, Lille, France. 174 pp. [In French.]
- Burckhardt, R. & R. Heerkloss. 1999. Konsumtion und Fäkalpelletproduktion bei *Eurytemora affinis* (Poppe) (Calanoida, Copepoda). [Consumption and faecal pellet production for *Eurytemora affinis* (Poppe) (Calanoida, Copepoda).] Rostocker Meeresbiologische Beiträge 7:91-110. [In German; abstract in English.]
- Khanaichenko, A.N. & Yu.E. Bityukov. 1999. Izbiratel'nost' pitaniya lichinok kalkana i vybor strategii ikh kormleniya. (Black Sea turbot larvae feeding selectivity and choice of feeding strategy.) Ekologiya Morya / Ecology of the Sea 48:63-67. [In Russian; abstract in English.]
- López-González, P.J., M. Conradi-Barrena, J.C. García-Gómez. 1999. El genero *Enterocola* Van Beneden, 1860 (Copepoda:Ascidicolidae) en el Estrecho de Gibraltar. [The genus *Enterocola* Van Beneden, 1860 (Copepoda:Ascidicolidae) in the Strait of Gibraltar.] Anales de Biología, Murcia 22:9-20. [In Spanish.]
- Matsumura-Tundisi, T. & W.M. Silva. 1999. Crustáceos Copépodos Planctônicos. [Planktonic copepod crustaceans.] Pp. 91-100 In: Biodiversidade do Estado de São Paulo: Síntese do Conhecimento ao Final do Século XX, 4: Invertebrados de Água Doce. 1st ed. FAPESP, São Paulo, Brazil.
- Oliveira, E.B. 1999. Impacto das atividades de produção de petróleo sobre a meiofauna bêntica na região da bacia de Campos, RJ – Brasil. [Impact of petroleum production activities on the benthic meiofauna in the region of the Campos Basin, RJ – Brazil.] Ph.D. Thesis, Universidade Federal Fluminense, Niterói, Rio de Janeiro, Brazil. [In Portuguese.]
- Overmann, J., K.J. Hall, T.G. Northcote & J.T. Beatty. 1999. Grazing of the copepod *Diatomus connexus* on purple sulphur bacteria in a meromictic salt lake. Environmental Microbiology 1(3):213-221.
- Sinnott, R. 1999. Cost of sea lice to Scottish salmon farmers. Trouw Outlook 11:8-10.
- Soto, L., S. Schaper, L. Angulo & F. Hernández. 1999. *Mesocyclops thermocyclopoides* y el control biológico de *Aedes*: ejemplo de un plan de acción comunitaria en Chacarita, Puntarenas. [*Mesocyclops thermocyclopoides* and the biological control of *Aedes*: example of a community action plan in Chacarita, Puntarenas.] Revista Costarricense de Ciencias Médicas 20(1-2):45-50. [In Spanish; abstract in English.]
- Valentin, J., D. Tenenbaum, A. Bonecker, S. Bonecker, C. Nogueira, R. Paranhos & M.C. Villac. 1999. Características hidrobiológicas de la baía de Guanabara (Rio de Janeiro, Brésil). [Hydrobiological characteristics of the Guanabara Bay (Brazil).] Journal de Recherche Océanographique 24(1):33-41. [In French; abstract in English.]
- Vu, S.N., V.T. Tran, Q.H. Trinh, T.Y. Nguyen, B. Kay, R. Marchand, G. Marten, M. Holynska & J.W. Reid. 1999. *Mesocyclops* of Vietnam Part I – Laboratory evaluation as biological agent for control of *Aedes aegypti*. WHO Regional Office for Southeast Asia, Dengue Bulletin 23, December 1999. 3 pp. <http://w3.whosea.org/dengue/DengueBulletin23/ch15.htm>

Wood, P.J. 1999. The macroinvertebrate communities of Peak and Speedwell Cavern, Derbyshire. *Bulletin of the British Ecological Society* 30:21-25.

2000

- Barka, S. 2000. Processus de detoxication et localisation tissulaire des metaux traces (cuivre, zinc, nickel, cadmium, argent et mercure) chez un crustacé marin *Tigriopus brevicornis* (Muller). Étude de biomarqueur proteines type metallothioneines, de la bioaccumulation des metaux et des consequences sur le transfert trophique. [Detoxification process and tissue localization of trace metals (copper, zinc, nickel, cadmium, silver and mercury) in a marine crustacean *Tigriopus brevicornis* (Muller). Study of metallothioneine biomarker proteins, bioaccumulation of metals and consequences for trophic transfer.] Thèse de doctorat: Sciences Biologiques Fondamentales et Appliquées, Université de Paris 6, Paris, France. 330 pp. [In French.]
- Belmonte, G., G. Fanelli, C. Gravili & F. Rubino. 2000. Composition, distribution and seasonality of zooplankton in the Taranto Sea System (Ionian Sea, Italy). *Biologia Marina Mediterranea* 8(1):352-362.
- Gunn, J., P. Hardwick & P.J. Wood. 2000. The invertebrate community of the Peak-Speedwell cave system, Derbyshire, England – pressures and considerations for conservation management. *Aquatic Conservation: Marine and Freshwater Ecosystems* 10:353-369.
- Head, E. 2000. Pigment and Mesozooplankton Data from the Atlantic, JGOFS Canada Data Sets 1989-1998, CD-ROM Version 1.0, Dec. 2000, Marine Environmental Data Service, Department of Fisheries and Oceans, Canada.
<http://www.pangaea.de/Projects/JGOFS/Canada/home/datasets/head/readme.htm>. Project: Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- Hernández-Chavarría, F. & J.D. García. 2000. *Aedes*, dengue y la posibilidad de un enfoque diferente de lucha. [*Aedes*, dengue and the possibility of a different focus of attack.] *Revista Costarricense de Salud Pública* 9(16):32-38. [In Spanish.]
- Kideys, A.E., A. Kovalev, A. Gordina, G. Shul'man, F. Bingel & E. Ünal. 2000. Güney Karadeniz'de 1990'lü yıllardaki zooplankton çalışmaları. [Zooplankton studies in southern Black Sea during 1990s.] 1. Ulusal Oşinoğrafi Kongresi, Bildiriler Kitabı, ODTÜ Deniz Bilimleri Enstitüsü, Erdemli, Turkey. [Proceedings of the First National Oceanography Congress, Graduate School of Marine Sciences (METU = Middle East Technical University), Erdemli, Turkey.] Pp. 126-131. [In Turkish.]
- Marinelli, G., D.M. Galassi, L. Reale, C. Di Pietro & A. Civisca. 2000. Microbiological characterization of freetobiont organisms: trial of an analytical protocol and hygienic implications. *Annali di Igiene* 12(6):479-486.
- Mhlanga, L. 2000. The diet of five cichlid fish species from Lake Kariba, Zimbabwe. *Transactions of the Zimbabwe Scientific Association* 74:16-21. [correct page nos.]
- Miranda-Restivo, M.A. de, L. Durante & E. Serra. 2000. Zoocenoses dans les bassins de première évaporation dans une saline de la Sardaigne. [Zoocenoses in the primary evaporation basins in a salt pond of Sardinia.] *Mediterranea*, Universidad de Alicante, Epoca II, No. 17:1-23. [In French; abstract in English.]
- Pati, A.C., F. Catino, S. Sei, G. Belmonte & F. Boero. 2000. Composition of the egg bank in the Valle Smarlacca Lagoon (North Adriatic Sea, Italy). *Biologia Marina Mediterranea* 7(1):713-714.
- Pätzold, J., P. Halbach, G. Hemple & H. Weikert. 2000. Östliches Mittelmeer - Nördliches Rotes Meer 1999; Cruise No. 44; 22.01.1999-16.05.1999, Meteor-Berichte, Institut für Meereskunde der Universität Hamburg, 00-3: 240 pp. Project: Campaigns/Sites/Events of German projects/institutes, Germany. [Dataset.]
- Pfeiffer, H.-W. 2000. Die Bedeutung von Brassen, *Abramis brama* (L.), und Plötze, *Rutilus rutilus* (L.), für die Stoff- und Energieflüsse im Belauer See, Schleswig-Holstein. Ph.D. Dissertation, Universität Hamburg, Hamburg, Germany.
- Pyper, W. 2000. Pond life worth preserving. *Ecos* 10/01/2000.
- Rubino, F., G. Belmonte, A.M. Miglietta, S. Geraci & F. Boero. 2000. Resting stages of plankton in Recent North Adriatic sediments. *Marine Ecology P.S.Z.N.I.* 21(3-4):263-284.
- Ünal, E., A.A. Shmeleva, J. Zagorodnyaya & A.E. Kideys. 2000. Marmara Denizinin ilkbahar 1998'de zooplankton yapısı ve kopepod türleri. [Zooplankton structure and copepod species of the Sea of Marmara in spring 1998.] Pp. 450-460 In: Öztürk, B., M. Kadıoğlu & H. Öztürk (eds.). *Marmara Denizi 2000 Sempozyumu Bildiriler Kitabı*. Tüdv Yayın No 5, 11-12 Kasım 2000, İstanbul, Turkey. [Proceedings of the Marmara Sea Symposium 2000. Tüdv Press No 5, 11-12 November 2000, İstanbul, Turkey. [In Turkish.]
- Wang, X. 2000. Variations a court-terme de la faune planctonique et suprabenthique en Baie de Seine dans la zone sous influence d'apports d'eau douce en conditions printanières. [Short-term variations of the planktonic and epibenthic fauna in the Bay of the Seine in the zone influenced by fresh-water entry under springtime conditions.] Thèse Doctorat: Sciences biologiques fondamentales et appliquées, Université Lille 1, Lille, France. 193 pp. [In French.]
- Wood, P.J. & J. Gunn. 2000. The aquatic invertebrate fauna within a cave system in Derbyshire, England. *Verhandlungen der Internationale Vereinigung für Theoretische und Angewandte Limnologie* 27:901-905.

2001

- Audemard, C. 2001. Stratégie d'utilisation de différentes espèces animales par le parasite *Marteilia refringens* pour assurer son cycle biologique. [Strategy of utilization of different animal species by the parasite *Marteilia refringens* to assure its biological cycle.] Thèse doctorat: Sciences, Université de Perpignan, Perpignan, France. 183 pp. [In French.]
- Bednarski, M. 2001. Macrozooplankton of Culebra Bay, Costa Rica, with an emphasis on copepods. M.Sc. Thesis, University of Bremen, Bremen, Germany. 155 pp.
- Benetti, D.D., A.J. Leingang, R. Russo, T.M. Powell, D. Cleary, S.W. Grabe, M.W. Feeley, O.M. Stevens & K.L. Main. 2001. Development of aquaculture methods for southern flounder, *Paralichthys lethostigma*. II. Nursery and grow-out. Journal of Applied Aquaculture 11(1/2):135-146.
- Bocher, P. 2001. Écologie alimentaire et interactions prédateurs-proies au sein d'une communauté de pétreles planctonophages des Iles Kerguelen. [Feeding ecology and predator-prey interactions within a community of planktophagous petrels of the Kerguelen Islands.] Thèse de Doctorat: Océanologie biologique, Université de La Rochelle, La Rochelle, France. 333 pp. [In French.]
- Bower, S.M. 2001. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola intestinalis* (Red Worm Disease) of Mussels. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/mirwdmu_e.htm
Date last revised: June 22, 2001.
- Bower, S.M. 2001. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: Parasitic Copepods on Mussel Gills. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/pcgmu_e.htm
Date last revised: June 17, 2001
- Cotonnec, G. 2001. Les lipides, marqueurs des relations trophiques planctoniques dans les écosystèmes pélagiques côtiers. [The lipids, markers of planktonic trophic relationships in coastal pelagic ecosystems.] Thèse de Doctorat: Océanologie biologique, Université du Littoral-Côte d'Opale, Dunkirk, France. 324 pp. [In French.]
- Galassi, D.M.P., P. De Laurentiis, M. Petitta, G. Marinelli & B. Fiasca. 2001. Influenza dei fattori storici ed ecologici sulla biodiversità animale: la copepodofauna (Crustacea: Copepoda) delle sorgenti di presciano (Fiume Tirino, l'Aquila, Abruzzo). In: Cicolani, B. (ed.). Monitoraggio Biologico del Gran Sasso. Consorzio di Ricerca Gran Sasso, Università degli Studi dell'Aquila, Dipartimento di Scienze Ambientali 2:159-182. [In Italian.]
- Marinelli, G., D.M.P. Galassi & L. Reale. 2001. Microbiologia delle acque sorgive del Gran Sasso d'Italia e ruolo degli organismi stigobionti. In: Cicolani, B. (ed.). Monitoraggio Biologico del Gran Sasso. Consorzio di Ricerca Gran Sasso, Università degli Studi dell'Aquila, Dipartimento di Scienze Ambientali 2:184-189. [In Italian.]
- Morales-Ramirez, A. & E. Brugnoli-Olivera. 2001. El Nino 1997-1998 impact on the plankton dynamics in the Gulf of Nicoya, Pacific coast of Costa Rica. Revista de Biología Tropical 49(Suppl. 2):103-114.
- Reid, K., J.P. Croxall & T.M. Edwards. 2001. Interannual variation in the diet of the Antarctic Prion *Pachyptila desolata* at South Georgia. EMU 97(2):126-132.
- Rubino, F., S. Moscatello, O.D. Saracino, G. Fanelli & G. Belmonte. 2001. Plankton derived resting stages in marine coastal sediments along the Salento Peninsula (Apulia, Southern Italy). Marine Ecology P.S.Z.N.I. 23(Suppl.):329-339.
- Schnetzler, A. 2001. Active transport of particulate organic carbon and nitrogen by vertically migrating zooplankton in the Sargasso Sea. Ph.D. Thesis, University of Vienna, Austria. 66 pp.
- Severin, G.F., G. Pfister, G. Welzl, W. Jaser, B.A. Hense & K.-W. Schramm. 2001. Effects of endocrine disruptors on the biocenosis of aquatic model ecosystems. In: Secotox World Congress and Sixth European Conference on Ecotoxicology and Environmental Safety. Ecotoxicology and Environmental Safety on the Verge of the Third Millenium: Trends, Threats and Challenges. Congress Proceedings, First Edition:26-28. [Extended abstract.]
- Silva, J.S.V. 2001. Avaliação de sobrevivência de organismos em água de lastro tratada com cloro. [Evaluation of the survival of organisms in ballast water treated with chlorine.] Ph.D. Dissertation, Universidade Federal Fluminense, Niterói, Rio de Janeiro, Brazil. [In Portuguese.]
- Silva, W.M. & T. Matsumura-Tundisi. 2001. Copepoda Cyclopoida de água doce do Estado de São Paulo: estudo taxonômico e distribuição geográfica em relação as principais bacias hidrográficas do estado de São Paulo. P. 53 In: Anais do II Simpósio Biota/Fapesp, 2001. FAPESP, São Paulo. [Abstract.]
- Tester, P.A., Y. Pan, G.J. Doucette & C.A. Scholin. 2001. Accumulation of domoic acid activity in copepods. Pp. 418-421 In: Hallegraeff, G.M., S.I. Blackburn, C.J. Bolch & R.J. Lewis (eds.). Harmful Algal Blooms 2000. Intergovernmental Oceanographic Commission of UNESCO, Paris.
- Watershed Watch Salmon Society. 2001. Salmon farms, sea lice and wild salmon: a Watershed Watch report on risk, responsibility and the public interest. Watershed Watch Salmon Society, Coquitlam, British Columbia.

2002

- Belmonte, G. 2002. Distribuzione di Acartiidae (Crustacea, Copepoda, Calanoida) nelle aree costiere della Provincia

- Ponto-Mediterranea. [Distribution of the Acartiidae (Crustacea, Copepoda, Calanoida) in the coastal area of the Ponto-Mediterranean Province.] *Biogeographia* 23:7-22. [In Italian.]
- Bower, S.M. 2002. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola orientalis* (Red Worm) of Oysters. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/morwoy_e.htm. Date last revised: March 6, 2002.
- Bower, S.M. 2002. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: Parasitic Copepods on Oyster Gills. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/pgoy_e.htm. Date last revised: April 2, 2002.
- Fabián-Roland, J.D. 2002. Diversidad, composición funcional y estructura de tamaños del plancton en un sistema eutrófico y otro hipereutrófico: Las Albuferas de Adra (Almería). [Diversity, functional composition and size structure of the plankton in a eutrophic and a hypereutrophic system.] Ph.D. Thesis, Universidad de Málaga, Málaga, Spain. [In Spanish.]
- Flössner, D., G. Hartmann & W. Reinecke. 2002. Zur Kenntnis der Cladocera und Copepoda des Harzes (mit einer Liste der im Harz gefundenen Oligochaeten-Arten, Anhang 2). *Mitteilungen des Naturwissenschaftlichen Vereins Goslar* 7:219-260.
- Ghosh, T.K. 2002. Effects of chromic nitrate on fish and fish food organisms with special reference to river Churni. *Journal of Nature Conservator* 14(2):171-176.
- Gomoiu, M.T., B. Alexandrov, N. Shadrin & Y. Zaitsev. 2002. The Black Sea - a recipient, donor and transit area for alien species. Pp. 341-350 In: Leppäkoski, E., S. Gollasch & S. Olenin (eds.). *Invasive Aquatic Species of Europe – Distribution Impacts and Management*. Kluwer Academic Publishers, Dordrecht, Boston, London.
- Guidi-Guilvard, L.D. 2002. DYFAMED-BENTHOS, a long time-series benthic survey at 2347-m depth in the northwestern Mediterranean: general introduction. *Deep-Sea Research II*, 49(11):2183-2193. Doi: 10.1016/S0967-0645(02)00034-6. Project: Biogeochemical processes in the Oceans and Fluxes (PROOF), http://www.obs-ovfr.fr/proof/index_vt.htm. Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- **Halsband-Lenk, C., H.-J. Hirche & F. Carlotti. 2002. Temperature effects on reproduction and development of congener copepod populations in the North Sea and the Mediterranean. *Journal of Experimental Marine Biology and Ecology* 271(2):121-153. [Correct author names.]
- Jhajhria, A. 2002. Limnobiological studies of Shekhawat Pond, Jodhpur with special reference to plankton. *Journal of Nature Conservator* 14(2):215-224.
- Kurbanova, A.I., A.N. Urazbaev & O.Yu. Yusupov. 2002. Changes in parasite fauna of certain fish species in the southern Aral Sea under anthropogenic pressure. *Vestnik Zoologii* 36(1):29-34.
- Lemus, J.T., J.T. Ogle & J.M. Lotz. 2002. Extensive copepod culture using a highly nutritious natural water source. *World Aquaculture* 33(3):60-62.
- Leppäkoski, E., S. Gollasch & S. Olenin. 2002. The Baltic Sea - a field laboratory for invasion biology. Pp. 253-259 In: Leppäkoski, E., S. Gollasch & S. Olenin (eds.). *Invasive Aquatic Species of Europe – Distribution Impacts and Management*. Kluwer Academic Publishers, Dordrecht, Boston, London.
- Levings, C.D., D. Kieser, G.S. Jamieson & S. Dudas. 2002. Marine and estuarine alien species in the Strait of Georgia, British Columbia. In: Claudi, R., P. Nantel & E. Muckle-Jeffs (eds.). *Alien Invaders in Canada's Waters, Wetlands, and Forests*. Canadian Forest Service, Natural Resources Canada, Ottawa. Pp. 111-131.
- Meschiatti, A.J. & M.S. Arcifa. 2002. Early life stages of fish and the relationships with zooplankton in a tropical Brazilian reservoir: Lake Monte Alegre. *Brazilian Journal of Biology* 62(1):41-50.
- Mukhopadhyay, S.K., A. Chatterjee, H. Banerjee & K.K. Bandyopadhyay. 2002. Zooplankton diversity in lentic/lotic ecosystems in forests, Southern Western Ghats, India. *Chemical & Environmental Research* 11(1/2):153-165.
- Oge, S. 2002. Chemotherapy for parasites of freshwater fish. *Türkiye Parazitoloji Dergisi (Acta Parasitologica Turcica)* 26:113-118.
- Palomares-García, R., A. Martínez-López & I. Gárate-Lizárraga. 2002. Plankton community changes in Bahía Concepción, México. *Océanides* 17(2):113-128.
- Perschbacher, P. & G.M. Ludwig. 2002. Herbicide drift and channel catfish ponds. *World Aquaculture Magazine* 33(4):24-26.
- Ünal, E., A.A. Shmeleva & A.E. Kideys. 2002. Three new species of *Acartia* (Copepoda, Calanoida) from the northeastern Levantine Basin. Pp. 35-39 In: Öztürk, B. & N. Basusta (eds.). *Proceedings of Workshop on Lessepsian Migration, 20-21 July 2002, Gökceada, Turkey*. Turkish Marine Research Foundation (TÜDAV), Istanbul, Publication Number 9:35-39.
- Wood, P.J., J. Gunn & J. Perkins. 2002. The impact of pollution on aquatic invertebrates within a subterranean ecosystem – out of sight out of mind. *Archiv für Hydrobiologie* 155:223-237.

2003

- Achinelly, M.F., M.V. Micieli & J.J. García. 2003. Pre-parasitic juveniles of *Strelkovimermis spiculatus* Poinar & Camino, 1986 (Nematoda: Mermithidae) predated upon by freshwater copepods (Crustacea: Copepoda). *Nematology* 5(6):885-888.
- Alcaraz, M. & A. Calbet. 2003. Zooplankton Ecology. P. 16 In: Duarte, C. (ed.). *Marine Ecology. Encyclopedia of*

- Life Support Systems (EOLSS). UNESCO Eolss Publishers, Oxford, U.K.
- Belmonte, G. & M. Vetere. 2003. Il plancton. Pp. 279-284 In: Cicogna, F., C.N. Bianchi, G. Ferrari & P. Forti (eds.). Grotte marine: cinquant'anni di ricerche in Italia. MiPA, Officine Grafiche Canessa, Rapallo. [In Italian.]
- **Bouck, L. & D. Thistle. 2003. Two new diosaccids (Copepoda, Harpacticoida) from the northern Gulf of Mexico. *Crustaceana* 76(11):1313-1330.
- Bower, S.M. & McGladdery, S.E. 2003. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/title_e.htm
- Bradbury, J. 2003. Beyond the fire-hazard mentality of medicine: the ecology of infectious diseases. *PLoS Biology* 1(2):148-151.
- Caron, D. 2003. Microzooplankton abundance and biomass, United States JGOFS Process Study Data 1989-1998; CD-ROM volume 1, version 2, Woods Hole Oceanographic Institution, U.S.A.: U.S. JGOFS Data Management Office Project: Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- Cato, J.C. & C. Brown. 2003. Marine Ornamental Species: Collection, Culture and Conservation. Blackwell, Oxford. 444 pp. ISBN 0813829879.
- Chikin, S.M., N.A. Tarasova, A.I. Saralov & O.M. Bannikova. 2003. [The distribution of bacterioplankton and mesozooplankton biomass in the White and Barents Seas coastal water.] *Mikrobiologiya* 72(2):250-258. [In Russian.]
- Cordell, J.R., C.D. Levings, R.P. Herwig, S. Ong, G.E. Piercey & J.C. Perrins. 2003. The origin and consequences of zooplankton arriving in Vancouver, Canada, and Puget Sound, USA. Proceedings of the Third International Conference on Marine Bioinvasions, La Jolla, California, March 16-19, 2003. P. 25. [Abstract.]
- Dagg, M. 2003. Mesozooplankton from bongo tows, abundance and dry weight, United States JGOFS Process Study Data 1989-1998; CD-ROM volume 1, version 2, Woods Hole Oceanographic Institution, U.S.A.: U.S. JGOFS Data Management Office. Project: Antarctic Environments Southern Ocean Process Study (AESOPS), <http://usjgofs.whoi.edu/southern.html>. Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. [Dataset.]
- d'Ambrosio, P., B. Fiasca & D.M.P. Galassi. 2003. Caratterizzazione tipologica, biologica ed ambientale di sistemi sorgivi del Gran Sasso (Abruzzo). *Thalassia Salentina, Il Carsismo nell'Area Mediterranea Geologia Paleogeografia Biologia, Suppl. 26:249-260*. [In Italian.]
- Di Lorenzo, T., P. de Laurentiis & D.M.P. Galassi. 2003. L'inferenza biologica nella valutazione del grado di protezione naturale di sorgenti carsiche captate. *Thalassia Salentina, Il Carsismo nell'Area Mediterranea Geologia Paleogeografia Biologia, Suppl. 26:241-248*. [In Italian.]
- Donald, D.B. & R.S. Anderson. 2003. Resistance of the prey-to-predator ratio to environmental gradients and to biomanipulations. *Ecology* 84:2387-2394.
- Ducklow, H., M. Sieracki, D. Stoecker & P. Verity. 2003. Biological measurements, United States JGOFS Process Study Data 1989-1998; CD-ROM volume 1, version 2, Woods Hole Oceanographic Institution, U.S.A.: U.S. JGOFS Data Management Office. Project: Joint Global Ocean Flux Study (JGOFS), <http://www.uib.no/jgofs/jgofs.html>. North Atlantic Bloom Experiment, 1989-1991 (NABE). [Dataset.]
- Fidalgo, M.L. & M.T. Monteiro. 2003. A note on the presence of *Dussartius baeticus* (Dussart, 1967) in Portugal (Copepoda, Calanoida). *Crustaceana* 76(11):1399-1407.
- Govoni, J.J., E.H. Laban & J.A. Hare. 2003. The early life history of swordfish (*Xiphias gladius*) in the western North Atlantic. *Fishery Bulletin* 101(4):778-789.
- **Halsband-Lenk, C., R. Koppelman & H. Weikert. 2003. Carbon requirements of deep sea zooplankton estimated from ETS measurements in relation to size structure and taxonomic composition. Pp. 805-813 In: Yilmaz, A. (ed.). *Oceanography of the Eastern Mediterranean and Black Sea. Proceedings of the 2nd International Conference on Oceanography of the Eastern Mediterranean and the Black Sea, 14-18 Oct 2002, Ankara, Turkey.*
- **Ho, J.-s. & C.-L. Lin. 2003. Three species of sea lice (Copepoda: Caligidae) parasitic on marine fishes of Taiwan. *Journal of the Fisheries Society of Taiwan* 30(4):299-314. [In English; abstract in Chinese.]
- **Holynska, M. & M. Brown. 2003. Three new species of *Mesocyclops* G. O. Sars, 1914 (Copepoda, Cyclopoida) from Australia and Burma, with comments on the *Mesocyclops* fauna of Australia. *Crustaceana* 75(11):1301-1334.
- Jha, P. & S. Barat. 2003. Hydrobiological study of lake Mirik in Darjeeling Himalayas. *Journal of Environmental Biology* 24(3):339-344.
- Kabata, Z. 2003. Copepods Parasitic on Fishes. 2nd, revised edition. Synopses of the British Fauna No. 47, 2nd, revised edition. Backhuys. 274 pp. ISBN 1-85153-265-X.
- Kharchenko, T.A., Yu.I. Karpezo & A.V. Lyashenko. 2003. Hydrobiota of the Tisa River and its changes under conditions of anthropic load. *Hydrobiological Journal* 39(5):9-21.
- **Koppelman, R., C. Halsband-Lenk & H. Weikert. 2003. The stable isotope signature of mesozooplankton in the Levantine Sea (Eastern Mediterranean). Pp. 814-820 In: Yilmaz, A. (ed.). *Oceanography of the Eastern Mediterranean and Black Sea. Proceedings of the 2nd International Conference on Oceanography of the*

- Eastern Mediterranean and the Black Sea, 14-18 Oct 2002, Ankara, Turkey.
- Koppelman, R. & H. Weikert. 2003. Deep-sea zooplankton ecology of the Eastern Mediterranean. State-of-the-art and perspectives. Pp. 30-40 In: CIESM Workshop Monographs n° 23: Mare Incognitum? Exploring Mediterranean deep-sea biology. Heraklion, Crete, Greece, 2-5 July 2003. 126 pp.
- Lakkis S., A.E. Kideys, A. Shmeleva, A. Kovalev, E. Unal & R. Zeidane. 2003. Comparison of zooplankton biodiversity between Levantine Basin and Black Sea with reference to the alien species. Pp. 821-827 In: Yilmaz, A. (ed.). Oceanography of Eastern Mediterranean and Black Sea – Similarities and Differences of Two Interconnected Basins. TUBITAK Publishers, Ankara.
- Lampadariou, N., E. Hatziyanni & A. Tselepidis. 2004. Community structure of meiofauna and macrofauna in Mediterranean Deep-Hyper-saline Anoxic Basins. Pp. 55-59 In: CIESM Workshop Monographs n° 23: Mare Incognitum? Exploring Mediterranean deep-sea biology. Heraklion, Crete, Greece, 2-5 July 2003. 126 pp.
- Lazorenko, G.E., G.G. Polikarpov, Z. Romanova & A.E. Kideys. 2003. Accumulation of natural radioelement polonium by zooplankton organisms in the Black Sea. Proceedings of National Academy of Sciences of Ukraine 1:185-190.
- Ludwig, G.M. 2003. The effects of increasing organic and inorganic fertilizer on water quality, primary productivity, zooplankton, and sunshine bass, *Morone chrysops* x *M. saxatilis* fingerling production. Journal of Applied Aquaculture 12(2):1-29.
- Marshall, W.L., S.M. Bower & G.R. Meyer. 2003. A comparison of the parasite and symbiont fauna of cohabiting native (*Protothaca staminea*) and introduced (*Venerupis philippinarum* and *Nuttalia obscurata*) clams in British Columbia. Journal of Shellfish Research 22:185-192.
- Marszal, L., M. Grzybkowska, M. Przybylski & M. Valladolid. 2003. Feeding activity of spined loach *Cobitis* sp. in Lake Lucien, Poland. Folia Biologica, Krakow 51(Suppl):159-165.
- **Mielke, W. 2003. Meiobenthic copepods of Galápagos: species composition, distribution, colonization, speciation. Bulletin of Marine Science 73(3):557-568.
- Miller, C.B. 2003. Biological Oceanography. Blackwell, Malden, Massachusetts. 402 pp. ISBN 0632055367
- MAFF. 2003. Frequently Asked Questions About Sea Lice. British Columbia Ministry of Agriculture, Food and Fisheries, Victoria, British Columbia, Canada.
- MAFF. 2003. Status report on sea lice monitoring in the Broughton Archipelago. British Columbia Ministry of Agriculture, Food, and Fisheries, Victoria, British Columbia, Canada.
- Möllmann, C., F.W. Köster, G. Kornilovs & L. Sidrevics. 2003. Interannual variability in population dynamics of calanoid copepods in the Central Baltic Sea. ICES Marine Science Symposia 219:220-230.
- Moscattello, S. & G. Belmonte. 2003. Zooplankton species composition and seasonal evolution in a hypersaline temporary pond of the Mediterranean coast (the "Vecchia Salina", Torre Colimena, SE Italy). Scientia Marina 68(Suppl. 1):85-102.
- Murina, G.-V.V., A.A. Shmeleva & Ye.V. Lisitskaya. 2003. Annual monitoring of mero- and holoplankton in the oceanarium of Sevastopol Bay. Hydrobiological Journal 39(2):29-37.
- Mwaluma, J., M. Osore, J. Kamau & P. Wawiye. 2003. Composition, abundance and seasonality of zooplankton in Mida Creek, Kenya. Western Indian Ocean Journal of Marine Science 2(2):147-155.
- Ojaveer, H., M. Simm & A. Lankov. 2003. Population dynamics and ecological impacts of the Ponto-Caspian predatory cladoceran (*Cercopagis pengoi*) in the Baltic Sea. Proceedings of the Third International Conference on Marine Bioinvasions, La Jolla, California, March 16-19, 2003. P. 101. [Abstract.]
- Pedersen, S.A., M.H. Ribergaard & C.S. Simonsen. 2003. Micro- and mesozooplankton in Southwest Greenland waters - June 1999, May and July 2000. Greenland Institute of Natural Resources Technical Report 53:1-62. [In English; abstract in Danish.]
- **Pilati, A. & J.J. Martínez. 2003. Relación longitud-peso de siete especies de *Boeckella* (Copepoda: Calanoida) de la República Argentina. (Length-weight relationships for seven *Boeckella* species (Copepoda, Calanoida) of Argentina.) Neotrópica 49:55-61. [In Spanish; abstract in English.]
- Ritz, D., K. Swadling, G. Hosie & F. Cazassus. 2003. Guide to the Zooplankton of south eastern Australia. Fauna of Tasmania Handbook No. 10. Fauna of Tasmania Committee, Hobart. 90 pp.
- Saigusa, M., T. Okochi & S. Ikei. 2003. Nocturnal occurrence, and synchrony with tidal and lunar cycles, in the invertebrate assemblage of a subtropical estuary. Acta Oecologica - International Journal of Ecology 24(Suppl. 1): S191-S204.
- Sarkar, R.R. & J. Chattopadhyay. 2003. The role of environmental stochasticity in a toxic phytoplankton-non-toxic phytoplankton-zooplankton system. Environmetrics 14(8):775-792.
- Shrivastava, S., A.N. Shukla & K.S. Rao. 2003. Biodiversity of Undasa wetland, Ujjain (India) with special reference to its conservation. Journal of Experimental Zoology India 6(1):125-135.
- Støttrup, J.G. & L.A. McEvoy (eds.). 2003. Live Feeds in Marine Aquaculture. Blackwell, Oxford. 336 pp. ISBN 0632054956.
- Torgersen, T. 2003. Proximate causes for anti-predatory feeding suppression by zooplankton during the day: reduction of contrast or motion - ingestion or clearance? Journal of Plankton Research 25(5):565-571.

- Vyshkvartzeva, N.V. 2003. A new bathypelagic copepod *Pseudoamallothrix paralaminata* sp. n. from the Arctic Basin and arguments for the transfer of *Xanthocalanus soaresmoreirai* Bjornberg, 1975 to the genus *Pseudoamallothrix* (Calanoida: Scolecitrichidae). *Zoosystematica Rossica* 12(1):39-47.
- Weiler, W., P. Kasprzak, M. Schulz & D. Flössner. 2003. Habitat requirements of *Eurytemora lacustris* (Copepoda, Calanoida) and implications for its distribution. In: Koschel, R. & D.D. Adams (eds.). *Lake Stechlin – an approach to understanding an oligotrophic lowland lake*. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart. *Archiv für Hydrobiologie – Advances in Limnology* 58:201-214.
- Yimer, E. & M. Enyew. 2003. Parasites of fish at Lake Tana, Ethiopia. *Ethiopian Journal of Science* 26(1):31-36.
- Yu, O.H., H.L. Suh & Y. Shirayama. 2003. Feeding ecology of three amphipod species *Synchelidium lenorostratum*, *S. trioostegitum* and *Gitanopsis japonica* in the surf zone of a sandy shore. *Marine Ecology Progress Series* 258:189-199.
- 2004**
- Adolph, S., S. Bach, M. Blondel, A. Cuff, M. Moreau, G. Pohnert, S.A. Poulet, T. Wichard & A. Zuccaro. 2004. Cytotoxicity of diatom-derived oxylipins in organisms belonging to different phyla. *Journal of Experimental Biology* 207(17):2935-2946.
- Alajärvi, E. & J. Horppila. 2004. Diel variations in the vertical distribution of crustacean zooplankton and food selection by planktivorous fish in a shallow turbid lake. *International Review of Hydrobiology* 89(3):238-249.
- Albertsson, J. 2004. Trophic interactions involving mysid shrimps (Mysidacea) in the near-bottom habitat in the Baltic Sea. *Aquatic Ecology* 38(3):457-469.
- Alcorlo, P., W. Geiger & M. Otero. 2004. Feeding preferences and food selection of the red swamp crayfish, *Procambarus clarkii*, in habitats differing in food item diversity. *Crustaceana* 77(4):435-453.
- Alheit, J. & M. Niquen. 2004. Regime shifts in the Humboldt Current ecosystem. *Progress In Oceanography* 60(2-4):201-222.
- Alves, D.R., A.R. Paraguassú & J.L. Luque. 2004. Metazoários parasitos da abrótea, *Urophycis brasiliensis* (Kaup, 1858) (Osteichthyes: Phycidae) do litoral do Estado do Rio de Janeiro, Brasil. (Metazoan parasites of the Brazilian codling, *Urophycis brasiliensis* (Kaup, 1858) (Osteichthyes: Phycidae) from the coastal zone of the State of Rio de Janeiro, Brazil.) *Revista Brasileira de Parasitologia Veterinária* 13(2):49-55. [In Portuguese; abstract in English.]
- Alvim, M.C.C. & A.C. Peret. 2004. Food resources sustaining the fish fauna in a section of the upper São Francisco River in Três Marias, MG, Brazil. *Brazilian Journal of Biology* 64(2):195-202. [In English; abstract in Portuguese.]
- Aman, S. & K. Altaff. 2004. Biochemical profile of *Heliodiaptomus viduus*, *Sinodiaptomus (Rhinediaptomus) indicus*, and *Mesocyclops aspericornis* and their dietary evaluation for postlarvae of *Macrobrachium rosenbergii*. *Zoological Studies* 43(2):267-275.
- Anonymous. 2004. A model ecosystem. *Science* 304:1409.
- Antajan, E. & S. Gasparini. 2004. Assessment of Cryptophyceae ingestion by copepods using alloxanthin pigment: a caution. *Marine Ecology Progress Series* 274:191-198.
- Apostolov, A. 2004. Copépodes harpacticoides stygobies de France. 6. Description d'un nouveau représentant du genre *Parastenocaris* Kessler, 1913. [Stygobitic harpacticoid copepods of France. 6. Description of a new species of the genus *Parastenocaris* Kessler, 1913.] *Crustaceana* 77(2):197-204. [In French; abstract in English.]
- Ara, K. 2004. Temporal variability and production of the planktonic copepod community in the Cananeia Lagoon estuarine system, São Paulo, Brazil. *Zoological Studies* 43(2):179-186.
- Arney, K. 2004. Plankton wars. *Journal of Experimental Biology* 207:0. [Cover editorial.]
- Audemard, C., M.-C. Sajus, A. Barnaud, B. Sautour, P.-G. Sauriau & F.J.C. Berthe. 2004. Infection dynamics of *Marteilia refringens* in its hosts, the flat oyster *Ostrea edulis* and the copepod *Paracartia grani* Sars in a Claire pond of the Marennes-Oléron Bay. *Diseases of Aquatic Organisms* 61:103-111.
- Auel, H. 2004. Egg size and reproductive adaptations among Arctic deep-sea copepods (Calanoida, *Paraeuchaeta*). *Helgoland Marine Research* 58(3):147-153.
- Auer, B., U. Elzer & H. Arndt. 2004. Comparison of pelagic food webs in lakes along a trophic gradient and with seasonal aspects: influence of resource and predation. *Journal of Plankton Research* 26(6):697-709.
- Ayón, P., S. Purca & R. Guevara-Carrasco. 2004. Zooplankton volume trends off Peru between 1964 and 2001. *ICES Journal of Marine Science* 61(4):478-484.
- Azovsky, A.I., E.S. Chertoprood, M.A. Saburova & I.G. Polikarpov. 2004. Spatio-temporal variability of micro- and meiobenthic communities in a White Sea intertidal sandflat. *Estuarine, Coastal and Shelf Science* 60(4):663-671.
- Baguley, J.G., L.J. Hyde & P.A. Montagna. 2004. A semi-automated digital microphotographic approach to measure meiofaunal biomass. *Limnology and Oceanography: Methods* 2:181-190.
- Ballard, J.W.O. & M.C. Whitlock. 2004. The incomplete natural history of mitochondria. *Molecular Ecology* 13(4):729-744.
- Bambaradeniya, C.N.B., J.P. Edirisinghe, D.N. De Silva, C.V.S. Gunatilleke, K.B. Ranawana & S. Wijekoon.

2004. Biodiversity associated with an irrigated rice agro-ecosystem in Sri Lanka. *Biodiversity and Conservation* 13(9):1715-1753.
- Barata, C., C. Porte & D.J. Baird. 2004. Experimental designs to assess endocrine disrupting effects in invertebrates. *Ecotoxicology* 13(6):511-517. [Review.]
- Barbour, E., R. Codsí & R. Zurayk. 2004. Reproducibility of bacterial and copepod density assessment in bathing and artisanal fishing water of the Eastern Mediterranean. *International Journal of Environmental Health Research* 14(4):315-321.
- Barnhouse, L.W. 2004. Quantifying population recovery rates for ecological risk assessment. *Environmental Toxicology and Chemistry* 23(2):500-508.
- Barros, S.E. 2004. Alimentación de *Astyanax abramis* (Characiformes: Characidae) en el Embalse Cabra Corral, Salta, Noroeste de Argentina. [Diet of *Astyanax abramis* (Characiformes: Characidae) in Cabra Corral Damp [sic, = Dam], Salta, Northwestern Argentina]. *Revista AquaTIC* 20:88-96.
<http://www.revistaaquatic.com/aquatic/art.asp?t=p&c=163>. [In Spanish; abstract in English.]
- Basedow, S.L., K. Eiane, V. Tverberg & M. Spindler. 2004. Advection of zooplankton in an Arctic fjord (Kongsfjorden, Svalbard). *Estuarine, Coastal and Shelf Science* 60(1):113-124.
- Batten, S.D. & D.W. Welch. 2004. Changes in oceanic zooplankton populations in the north-east Pacific associated with the possible climatic regime shift of 1998/1999. *Deep Sea Research Part II: Topical Studies in Oceanography* 51(6-9):863-873.
- Beauchamp, D.A., C.J. Sergeant, M.M. Mazur, J.M. Scheuerell, D.E. Schindler, M.D. Scheuerell, K.L. Fresh, D.E. Seiler & T.P. Quinn. 2004. Spatial-temporal dynamics of early feeding demand and food supply for sockeye salmon fry in Lake Washington. *Transactions of the American Fisheries Society* 133(4):1014-1032.
- Beaugrand, G. 2004. The North Sea regime shift: Evidence, causes, mechanisms and consequences. *Progress in Oceanography* 60(2-4):245-262.
- Beaugrand, G. 2004. Continuous Plankton Records: Plankton Atlas of the North Atlantic Ocean (1958-1999). I. Introduction and Methodology. *Marine Ecology Progress Series Supplement 1-2, 2004: CPR Atlas*. Pp. 3-10.
- Becker, C., H. Feuchtmayr, D. Brepohl, B. Santer & M. Boersma. 2004. Differential impacts of copepods and cladocerans on lake seston, and resulting effects on zooplankton growth. *Hydrobiologia* 526(1):197-207.
- Bejarano, A.C., K.A. Maruya & G.T. Chandler. 2004. Toxicity assessment of sediments associated with various land-uses in coastal South Carolina, USA, using a meiobenthic copepod bioassay. *Marine Pollution Bulletin* 49(1-2):23-32.
- Bergtold, M. & W. Traunspurger. 2004. The benthic community in the profundal of Lake Brunnsen: seasonal and spatial patterns. *Archiv für Hydrobiologie* 160(4):527-554.
- Bernot, R.J., W.K. Dodds, M.C. Quist & C.S. Guy. 2004. Spatial and temporal variability of zooplankton in a Great Plains reservoir. *Hydrobiologia* 525(1-3):101-112.
- Besiktepe, S. & M. Telli. 2004. Egg production and growth rates of *Calanus euxinus* (Copepoda) in the Black Sea. *Journal of Plankton Research* 26(5):571-578.
- Bezdik, A. & H.B. Cressey. 2004. *Cresseyella* nom. nov., a new replacement name for the genus *Apogonia* (Crustacea: Copepoda, Caligidae). *Biologia, Bratislava* 59:180.
- Blinn, D., S. Halse, A. Pinder & R. Shiel. 2004. Diatom and micro-invertebrate communities and environmental determinants in the western Australian wheatbelt: a response to salinization. *Hydrobiologia* 528(1-3):229-248.
- Bohdansky, A.B. & S.M. Bollens. 2004. Relevant scales in zooplankton ecology: Distribution, feeding, and reproduction of the copepod *Acartia hudsonica* in response to thin layers of the diatom *Skeletonema costatum*. *Limnology and Oceanography* 49(3):625-636.
- Bode, A. & M.T. Alvarez-Ossorio. 2004. Taxonomic versus trophic structure of mesozooplankton: a seasonal study of species succession and stable carbon and nitrogen isotopes in a coastal upwelling ecosystem. *ICES Journal of Marine Science* 61(4):563-571.
- Bonne, W. 2004. Benthic copepod communities in relation to natural and anthropogenic influences in the North Sea. Pp. 132-141 In: Mees, J. & J. Seys (eds.). VLIZ Young Scientists' Day, Brugge, Belgium, 5 March 2004: book of abstracts. VLIZ Special Publication 17.
- Bonnet, D. & C. Frid. 2004. Seven copepod species considered as indicators of water-mass influence and changes: results from a Northumberland coastal station. *ICES Journal of Marine Science* 61(4):485-491.
- Bonnet, D., J. Titelman & R. Harris. 2004. *Calanus* the cannibal. *Journal of Plankton Research* 26(8):937-948.
- Böttger-Schnack, R. 2004. Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. VI. Morphology and zoogeography of *Oncaea bispinosa* sp. nov., a sistertaxon of *O. zernovi* Shmeleva. *Journal of Plankton Research* 26(11):1367. [Corrigendum.]
- **Böttger-Schnack, R., J. Lenz & H. Weikert. 2004. Are taxonomic details of relevance to ecologists? An example from oncaeid microcopepods of the Red Sea. *Marine Biology* 144(6):1127-1140.
- Bower, S.M. 2004. Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish: *Mytilicola orientalis* (Red Worm) of Clams and Cockles. URL: http://www-sci.pac.dfo-mpo.gc.ca/shelldis/pages/mytoricc_e.htm
Date last revised: May 25, 2004.
- Bradford-Grieve, J.M. 2004. Deep-sea benthopelagic calanoid copepods and their colonization of the near-bottom environment. *Zoological Studies* 43(2):276-291.

- Bradford-Grieve, J.M. 2004. Two new species of *Xanthocalanus* and the first record of *Brachycalanus* (Copepoda: Calanoida: Phaennidae) from the upper slope, north-eastern New Zealand. *New Zealand Journal of Marine and Freshwater Research* 38(4):621-647.
- Brown, M.E. & D.K. Branstrator. 2004. A 2001 survey of crustacean zooplankton in the western arm of Lake Superior. *Journal of Great Lakes Research* 30(1):1-8.
- Bruno, M.C. & S.A. Perry. 2004. Exchanges of copepod fauna between surface- and ground-water in the Rocky Glades of Everglades National Park (Florida, U.S.A.). *Archiv für Hydrobiologie* 159(4):489-510.
- Buhl-Mortensen, L. & P.B. Mortensen. 2004. *Gorgonophilus canadensis* n. gen., n. sp. (Copepoda: Lamippidae), a gall forming endoparasite in the octocoral *Paragorgia arborea* (L., 1758) from the Northwest Atlantic. *Symbiosis* 37(1/3):155-168.
- Bunker, A.J. & A.G. Hirst. 2004. Fecundity rates of marine planktonic copepods: global rates and patterns in relation to chlorophyll *a*, temperature, and body weight. *Marine Ecology Progress Series* 279:161-181.
- Buttino, I., M. do Espirito Santo, A. Ianora & A. Miralto. 2004. Rapid assessment of copepod (*Calanus helgolandicus*) embryo viability using fluorescent probes. *Marine Biology* 145(2):393-399.
- Camargo, M. & V. Isaac. 2004. Food categories reconstruction and feeding consumption estimates for the Sciaenid *Macrodon ancylodon* (Bloch & Schneider), and the congeneric fishes *Stellifer rastrifer* (Jordan) and *Stellifer naso* (Jordan) (Pisces, Perciformes) in the Caeté Estuary, Northern Coast of Brazil. *Revista Brasileira de Zoologia* 21(1):85-89.
- Campbell, R.W. 2004. Reply to Horizons Article "Some ideas about the role of lipids in the life cycle of *Calanus finmarchicus*" Irigoien (2004): I. *Journal of Plankton Research* 26(8):979-980.
- Campbell, R.W., P. Boutillier & J.F. Dower. 2004. Ecophysiology of overwintering in the copepod *Neocalanus plumchrus*: changes in lipid and protein contents over a seasonal cycle. *Marine Ecology Progress Series* 280:211-226.
- Cano, R., S. Ráudez & E. Hooker. 2004. The natural diet of *Apocyclops panamensis* in a shrimp farm on the Pacific coast of Nicaragua. *Zoological Studies* 43(2):344-349.
- Cardoso, L.S. & D.M. Marques. 2004. Structure of the zooplankton community in a subtropical shallow lake (Itapeva Lake – South of Brazil) and its relationship to hydrodynamic aspects. *Hydrobiologia* 518(1-3):123-134.
- Carling, K.J., I.M. Ater, M.R. Pellam & T.B. Mihuc. 2004. A guide to the zooplankton of Lake Champlain. *Scientia Discipulorum*, Plattsburgh State University of New York 1:38-66.
- Carman, K.R., D. Thistle, J.W. Fleeger & J.P. Barry. 2004. The influence of introduced CO₂ on deep-sea metazoan meiofauna. *Journal of Oceanography* 60(4):767-772. [Erratum sheet available.]
- Caron, A., G. Desrosiers, P.J.W. Olive, C. Retière & C. Nozais. 2004. Comparison of diet and feeding activity of two polychaetes, *Nephtys caeca* (Fabricius) and *Nereis virens* (Sars), in an estuarine intertidal environment in Québec, Canada. *Journal of Experimental Marine Biology and Ecology* 304(2):225-242.
- Carr, J. & F. Whoriskey. 2004. Sea lice infestation rates on wild and escaped farmed Atlantic salmon (*Salmo salar* L.) entering the Magaguadavic River, New Brunswick. *Aquaculture Research* 35(8):723-729.
- Casanova, S.M.C. & R. Henry. 2004. Longitudinal distribution of Copepoda populations in the transition zone of Paranapanema River and Jurumirim Reservoir (São Paulo, Brazil) and interchange with two lateral lakes. *Brazilian Journal of Biology* 64(1):11-26.
- Catalán, I.A., I.A. Johnston & M.P. Olivar. 2004. Seasonal differences in muscle fibre recruitment of pilchard larvae in the north-western Mediterranean. *Journal of Fish Biology* 64(6):1605-1615.
- Cavalcanti, E.A.H. & M.E.L. de Larrazábal. 2004. Macrozooplâncton da Zona Econômica Exclusiva do Nordeste do Brasil (segunda expedição oceanográfica – REVIZEE/NE II) com ênfase em Copepoda (Crustacea). [Macrozooplankton of the Exclusive Economic Zone of the Brazilian Northeast (second oceanographic expedition – REVIZEE/NE II) with emphasis on the Copepoda (Crustacea).] *Revista Brasileira de Zoologia* 21(3):467-475. [In Portuguese; abstract in English.]
- Ceballos, S., J.A. Caball & F. Álvarez-Marqués. 2004. Reproductive strategy of *Calanoides carinatus* and *Calanus helgolandicus* during a summer upwelling event off NW Spain. *Marine Biology* 145(4):739-750.
- Cellini, L., A. Del Vecchio, M. Di Candia, E. Di Campli, M. Favaro & G. Donelli. 2004. Detection of free and plankton-associated *Helicobacter pylori* in seawater. *Journal of Applied Microbiology* 97(2):285-292.
- Chae, J. & S. Nishida. 2004. Swimming behaviour and photoresponses of the iridescent copepods, *Sapphirina gastrica* and *Sapphirina opalina* (Copepoda: Poecilostomatoida). *Journal of the Marine Biological Association of the United Kingdom* 84(4):727-731.
- Chandler, G.T. & D.C. Volz. 2004. Semiquantitative confocal laser scanning microscopy applied to marine invertebrate ecotoxicology. *Marine Biotechnology* 6(2):128-137.
- Chang, K.-H. & T. Hanazato. 2004. Diel vertical migrations of invertebrate predators (*Leptodora kindtii*, *Thermocyclops taihokuensis*, and *Mesocyclops* sp.) in a shallow, eutrophic lake. *Hydrobiologia* 528(1-3):249-259.
- Chang, K.-H., T. Nagata & T. Hanazato. 2004. Direct and indirect impacts of predation by fish on the zooplankton community: an experimental analysis using tanks. *Limnology* 5(2):121-124.
- Chang, W.-b. & L.-s. Fang. 2004. Temporal and spatial variations in the species composition, distribution and

- abundance of copepods of the Kaohsiung Harbor, Taiwan. *Zoological Studies* 43(2):454-463.
- Chase, J.M. & W.A. Ryberg. 2004. Connectivity, scale-dependence, and the productivity-diversity relationship. *Ecology Letters* 7(8):676-683.
- Chen, B., Y. Song, M. Nishio & M. Akai. 2004. A Eulerian-Eulerian physical-biological impact model of zooplankton injury due to CO₂ ocean sequestration. *Journal of Oceanography* 60(4):797-805.
- Chen, F.Z. & P. Xie. 2004. Inhibition of the predatory activity of the copepod *Mesocyclops notius* by *Microcystis* spp. *Journal of Freshwater Ecology* 19(1):161-163.
- Chen, Q., J. Hwang & J. Yin. 2004. A new species of *Tortanus* (Copepoda, Calanoida) from the Nansha Archipelago in the South China Sea. *Crustaceana* 77(2):129-136.
- Chiang, I.-Z., W.-Y. Huang & J.-T. Wu. 2004. Allelochemicals of *Botryococcus braunii* (Chlorophyceae). *Journal of Phycology* 40(3):474-480.
- Chinnery, F.E. & J.A. Williams. 2004. The influence of temperature and salinity on *Acartia* (Copepoda: Calanoida) nauplii survival. *Marine Biology* 145(4):733-738.
- Cicchino, G., E.N. dos Santos-Silva & E. Zoppi de Roa. 2004. A new species of *Prionodiptomus* (Copepoda: Diaptomidae) from the Manu River, Peru. *Zoological Studies* 43(2):425-434.
- Clarke, L.R., P.S. Letizia & D.H. Bennett. 2004. Autumn-to-spring energetic and diet changes among kokanee from North Idaho lakes with and without *Mysis relicta*. *North American Journal of Fisheries Management* 24(2):597-608.
- Conradi, M., C. Megina & P.J. López-González. 2004. Sibling species of copepods in association with Mediterranean gorgonians. *Scientia Marina* 68(1):85-95.
- Continuous Plankton Recorder Survey Team (Members in 2004: R. Barnard, S.D. Batten, G. Beaugrand, C. Buckland, D.V.P. Conway, M. Edwards, J. Finlayson, L.W. Gregory, N.C. Halliday, A.W.G. John, D.G. Johns, A.D. Johnson, T.D. Jonas, J.A. Lindley, J. Nyman, P. Pritchard, P.C. Reid, A.J. Richardson, R.E. Saxby, J. Sidey, M.A. Smith, D.P. Stevens, C.M. Taylor, P.R.G. Tranter, A.W. Walne, M. Wootton, C.O.M. Wotton & J.C. Wright). 2004. Continuous Plankton Records: Plankton Atlas of the North Atlantic Ocean (1958-1999). II. Biogeographical charts. *Marine Ecology Progress Series Supplement* 1-2, 2004: CPR Atlas. Pp. 11-75.
- Costanzo, G., N. Crescenti & G. Zagami. 2004. Postembryonic development of *Pseudocyclops umbraticus* Giesbrecht, 1893 (Copepoda, Calanoida) from coastal waters of Sicily. *Crustaceana* 77(1):49-66.
- Costello, M.J., L. Burrige, B. Chang & L. Robichaud. 2004. Sea Lice 2003 - Proceedings of the sixth international conference on sea lice biology and control. *Aquaculture Research* 35(8):711. [Editorial.]
- Cottenie, K. & L. De Meester. 2004. Metacommunity structure: synergy of biotic interactions as selective agents and dispersal as fuel. *Ecology* 85(1):114-119.
- Cottingham, K.L., S. Glaholt & A.C. Brown. 2004. Zooplankton community structure affects how phytoplankton respond to nutrient pulses. *Ecology* 85(1):158-171.
- Cowell, B.C., A.H. Remley & D.M. Lynch. 2004. Seasonal changes in the distribution and abundance of benthic invertebrates in six headwater streams in central Florida. *Hydrobiologia* 522(1-3):99-115.
- Creed, Jr., R.P. & J.M. Reed. 2004. Ecosystem engineering by crayfish in a headwater stream community. *Journal of the North American Benthological Society* 23(2):224-236.
- Cross, R.E. & M.C. Curran. 2004. Recovery of meiofauna in intertidal feeding pits created by rays. *Southeastern Naturalist* 3(2):219-230.
- Croxall, J.P. 2004. The potential effects of marine habitat change on Antarctic seabirds. *Ibis* 146(1):90.
- Cury, P. & L. Shannon. 2004. Regime shifts in upwelling ecosystems: observed changes and possible mechanisms in the northern and southern Benguela. *Progress in Oceanography* 60(2-4):223-243.
- Dafoe, R. & F. Romano. 2004. Marine meiofauna of the subtidal regions of Sand Island, AL, NE Gulf of Mexico. *Southeastern Biology* 51(2):166-167. [Abstract.]
- **Dahms, H.-U. 2004. Postembryonic apomorphies proving the monophyletic status of the Copepoda. *Zoological Studies* 43(2):446-453.
- Dahms, H.-U., T. Harder & P.-Y. Qian. 2004. Effect of meiofauna on macrofauna recruitment: settlement inhibition of the polychaete *Hydroides elegans* by the harpacticoid copepod *Tisbe japonica*. *Journal of Experimental Marine Biology and Ecology* 311(1):47-61.
- **Dahms, H.-U. & P.-Y. Qian. 2004. Drift-pump and drift-net – two devices for the collection of bottom-near drifting biota. *Journal of Experimental Marine Biology and Ecology* 301(1):29-37.
- Daly Yahia, M.N., S. Souissi & O. Daly Yahia-Kéfi. 2004. Spatial and temporal structure of planktonic copepods in the Bay of Tunis (southwestern Mediterranean Sea). *Zoological Studies* 43(2):366-375.
- Danielopol, D. 2004. [Review of] R.B. Lopes, J.W. Reid & C.E.F. Rocha (eds.), 2001. Copepoda: developments in ecology, biology and systematics. *Crustaceana* 77(2):255.
- Davenport, J., A. Healy, N. Casey & J.J.A. Heffron. 2004. Diet-dependent UVAR and UVBR resistance in the high shore harpacticoid copepod *Tigriopus brevicornis*. *Marine Ecology Progress Series* 276:299-303.
- Davidson, P. & P. Kittle. 2004. A micro-aquarium for the culture and examination of aquatic life. *Southeastern Biology* 51(2):152-153. [Abstract.]

- Davies, J.-M., W.H. Nowlin & A. Mazumder. 2004. Variation in temporal [¹⁴C]plankton photosynthesis among warm monomictic lakes of coastal British Columbia. *Journal of Plankton Research* 26(7):763-778.
- de Buron, I. & S. Morand. 2004. Deep-sea hydrothermal vent parasites: why do we not find more? *Parasitology* 128(1):1-6.
- DeMott, W.R., J.R. Edington & A.J. Tessier. 2004. Testing zooplankton food limitation across gradients of depth and productivity in small stratified lakes. *Limnology and Oceanography* 49(4, part 2):1408-1416.
- Devreker, D., S. Souissi & L. Seuront. 2004. Development and mortality of the first naupliar stages of *Eurytemora affinis* (Copepoda, Calanoida) under different conditions of salinity and temperature. *Journal of Experimental Marine Biology and Ecology* 303(1):31-46.
- deYoung, B., M. Heath, F. Werner, F. Chai, B. Megrey & P. Monfray. 2004. Challenges of modeling ocean basin ecosystems. *Science* 304:1463-1466.
- Dharani, G. & K. Altaff. 2004. Ultra structure of subitaneous and diapausing eggs of planktonic copepod *Sinodiaptomus* (*Rhinediaptomus*) *indicus*. *Current Science* 87(1):109-112.
- Di Capua, I. & M.G. Mazzocchi. 2004. Population structure of the copepods *Centropages typicus* and *Temora stylifera* in different environmental conditions. *ICES Journal of Marine Science* 61(4):632-644.
- Dilling, L. & M.A. Brzezinski. 2004. Quantifying marine snow as a food choice for zooplankton using stable silicon isotope tracers. *Journal of Plankton Research* 26(9):1105-1114.
- Di Lonardo, S.S. & E.J. Maly. 2004. Dissolved solids do not induce diapause in the calanoid copepod *Agladiaptomus leptopus*. *Aquatic Ecology* 38(3):425-432.
- Dippenaar, S.M., P.A.S. Olivier & G.W. Benz. 2004. *Schistobranchia jordaanae* n. sp. (Copepoda: Siphonostomatoida: Lernaepodidae) from gill filaments of a diamond ray (*Gymnura natalensis*) captured in the Indian Ocean and a key to species of *Schistobranchia*, *Dendrapta*, and *Brianella*. *Journal of Parasitology* 90(3):481-484.
- Dixon, B.A., A.P. Shinn & C. Sommerville. 2004. Genetic characterization of populations of the ectoparasitic caligid, *Lepeophtheirus salmonis* (Krøyer 1837) using randomly amplified polymorphic DNA. *Aquaculture Research* 35(8):730-741.
- Doignon, G., D. Deheyn & F. Fiers. 2004. *Telestacicola xenophiothricis* n. sp. (Copepoda, Poecilostomatoida), a remarkably well adapted commensal of the brittlestar *Ophiothrix purpurea* (Echinodermata). *Belgian Journal of Zoology* 134(2/1):67-73.
- Dolganova, N.T. & Yu.I. Zuenko. 2004. Seasonal and inter-annual dynamics of mesoplankton in the northwestern Japan Sea. *Progress in Oceanography* 61(2-4):227-243.
- Dommasnes, A., W. Melle, P. Dalpadado & B. Ellertsen. 2004. Herring as a major consumer in the Norwegian Sea. *ICES Journal of Marine Science* 61(5):739-751.
- Dowd, M., J.L. Martin, M.M. Legresley, A. Hanke & F.H. Page. 2004. A statistical method for the robust detection of interannual changes in plankton abundance: analysis of monitoring data from the Bay of Fundy, Canada. *Journal of Plankton Research* 26(5):509-523.
- Duarte, L.O. & C.B. García. 2004. Trophic role of small pelagic fishes in a tropical upwelling ecosystem. *Ecological Modelling* 172(2-4):323-338.
- Dumas, P. 2004. Irrigation as a disturbance for interstitial crustacean communities in a French Pyrenean alluvial aquifer. *Annales de Limnologie / International Journal of Limnology* 40(2):139-147.
- Dumnicka, E. 2004. Observations on the distribution of aquatic fauna in Tatra mountain caves. *Subterranean Biology* 1(1):49-56.
- Duque L., J.E., A. Muñoz L. & M.A. Navarro-Silva. 2004. Modelo de simulación para el control del mosquito *Aedes aegypti*, transmisor del dengue y la fiebre amarilla, por el crustáceo *Mesocyclops* spp. [A simulation model for the control of the *Aedes aegypti*, the mosquito vector of dengue and yellow fever, by the crustacean *Mesocyclops* spp.] *Revista de Salud Pública, Bogotá* 6(1):87-99. [In Spanish; abstract in English.]
- Dzialowski, A.R. & W.J. O'Brien. 2004. Is competition important to arctic zooplankton community structure? *Freshwater Biology* 49(9):1103-1111.
- Dzierzbicka-Głowacka, L. & A. Zieliński. 2004. Potential rate of reproduction for some geographically separate populations of *Pseudocalanus* spp. *Oceanologia* 46(1):65-83.
- Edmunds, S. & J.K. Deimler. 2004. Local adaptation, intrinsic coadaptation and the effects of environmental stress on interpopulation hybrids in the copepod *Tigriopus californicus*. *Journal of Experimental Marine Biology and Ecology* 303(2):183-196.
- Edwards, M. & A.J. Richardson. 2004. Impact of climate change on marine pelagic phenology and trophic mismatch. *Nature* 430:881-884.
- Engel, M. & H.-J. Hirche. 2004. Seasonal variability and inter-specific differences in hatching of calanoid copepod resting eggs from sediments of the German Bight (North Sea). *Journal of Plankton Research* 26(9):1083-1093.
- ERMITE-Consortium, P.L. Younger & C. Wolkersdorfer. 2004. Mining impacts on the fresh water environment: technical and managerial guidelines for catchment scale management. *Mine Water and the Environment* 23 (Supplement 1): s2-s80.
- Evelyn, T.P. 2004. Zbigniew Kabata. *Journal of Fish Diseases* 27(6):315-317.
- Fabiano, M., P. Vassallo, L. Vezzulli, V.S. Salvo & J.C. Marques. 2004. Temporal and spatial change of exergy

- and ascendancy in different benthic marine ecosystems. *Energy* 29(11):1697-1712.
- Fast, M.D., N.W. Ross, C.A. Craft, S.J. Locke, S.L. MacKinnon & S.C. Johnson. 2004. *Lepeophtheirus salmonis*: characterization of prostaglandin E₂ in secretory products of the salmon louse by RP-HPLC and mass spectrometry. *Experimental Parasitology* 107(1-2):5-13.
- Fechter, A., D. Thistle, G. Arlt, K. Suderman & K. Vopel. 2004. Do harpacticoids (Copepoda) use water-borne cues to aid in locating food parcels? *Marine Ecology* 25(3):217-223.
- Fernández, E., F. Álvarez, R. Anadón, S. Barquero, A. Bode, A. García, C. García-Soto, J. Gil, N. González, A. Iriarte, B. Mouriño, F. Rodríguez, R. Sánchez, E. Teira, S. Torres, L. Valdés, M. Varela, R. Varela & M. Zapata. 2004. The spatial distribution of plankton communities in a Slope Water anticyclonic Oceanic eDDY (SWODDY) in the southern Bay of Biscay. *Journal of the Marine Biological Association of the United Kingdom* 84(3):501-517.
- Fernández de Puellas, M.L., J. Valencia, J. Jansá & A. Morillas. 2004. Hydrographical characteristics and zooplankton distribution in the Mallorca channel (Western Mediterranean): spring 2001. *ICES Journal of Marine Science* 61(4):654-666.
- Fernández de Puellas, M.L., J. Valencia & L. Vicente. 2004. Zooplankton variability and climatic anomalies from 1994 to 2001 in the Balearic Sea (Western Mediterranean). *ICES Journal of Marine Science* 61(4):492-500.
- Feuchtmayr, H., E. Zöllner, B. Santer, U. Sommer & J. Grey. 2004. Zooplankton interactions in an enclosure experiment: insights from stable isotope analyses. *Freshwater Biology* 49(11):1495-1504.
- Fielding, S., G. Griffiths & H.S.J. Roe. 2004. The biological validation of ADCP acoustic backscatter through direct comparison with net samples and model predictions based on acoustic-scattering models. *ICES Journal of Marine Science* 61(2):184-200.
- Fiksen, Ø., Ø. Varpe & S. Kaartvedt. 2004. Reply to Horizons Article "Some ideas about the role of lipids in the life cycle of *Calanus finmarchicus*" Irigoien (2004): II. *Journal of Plankton Research* 26(8):980-981.
- Finlay, K. & J.C. Roff. 2004. Radiotracer determination of the diet of calanoid copepod nauplii and copepodites in a temperate estuary. *ICES Journal of Marine Science* 61(4):552-562.
- Fosshagen, A. & T.M. Iliffe. 2004. New epactericiscids (Copepoda, Calanoida) from anchialine caves in the Bahamas. *Sarsia* 89(2):117-136.
- Fosshagen, A. & T.M. Iliffe. 2004. A new species of cave-living calanoid copepod from Grand Bahama. *Sarsia* 89(5):346-354.
- Foster, S.J. & A.C.J. Vincent. 2004. Life history and ecology of seahorses: implications for conservation and management. *Journal of Fish Biology* 65(1):1-61.
- Fox, J.W. 2004. Effects of algal and herbivore diversity on the partitioning of biomass within and among trophic levels. *Ecology* 85(2):549-559.
- Frangoulis, C., E.D. Christou & J.H. Hecq. 2004. Comparison of marine copepod outfluxes: nature, rate, fate and role in the carbon, and nitrogen cycles. *Advances in Marine Biology* 47 (Chapter 4):251-307. [Expected publication December 2004.]
- **Frisch, D. & B. Santer. 2004. Temperature-induced responses of a permanent-pond and a temporary-pond cyclopoid copepod: a link to habitat predictability? *Evolutionary Ecology Research* 6(4):541-553.
- Gaedke, U., A. Seifried & R. Adrian. 2004. Biomass size spectra and plankton diversity in a shallow eutrophic lake. *International Review of Hydrobiology* 89(1):1-20.
- Gal'tsova, V.V., L.V. Kulangieva & V.B. Pogrebov. 2004. Meiobenthos of the former nuclear test area and nuclear waste disposal grounds around the Novaya Zemlya Archipelago (Barents and Kara Seas). *Russian Journal of Marine Biology / Biologiya Morya* 30(4):231-240.
- Gama Melão, M.G. & O. Rocha. 2004. Life history, biomass and production of two planktonic cyclopoid copepods in a shallow subtropical reservoir. *Journal of Plankton Research* 26(8):909-923.
- Gamarra-Luques, C.D., I.A. Vega, E. Koch & A. Castro-Vazquez. 2004. Intrahost distribution and transmission of a new species of cyclopoid copepod endosymbiotic to a freshwater snail, *Pomacea canaliculata* (Caenogastropoda, Ampullaridae) from Argentina. *Biocell* 28(2):155-164.
- Gao, S. & L. Chen. 2004. Dynamic complexities in a single-species discrete population model with stage structure and birth pulses. *Chaos, Solitons & Fractals* 23(2):519-527. [For January 2005.]
- Gasalla, M.A. & C. L. D. B. Rossi-Wongtschowski. 2004. Contribution of ecosystem analysis to investigating the effects of changes in fishing strategies in the South Brazil Bight coastal ecosystem. *Ecological Modelling* 172(2-4):283-306.
- Gast, R.J., M.R. Dennett & D.A. Caron. 2004. Characterization of protistan assemblages in the Ross Sea, Antarctica, by denaturing gradient gel electrophoresis. *Applied and Environmental Microbiology* 70(4):2028-2037.
- Gaudy, R., R. Le Borgne M.R. Landry & G. Champalbert. 2004. Biomass, feeding and metabolism of mesozooplankton in the equatorial Pacific along 180°. *Deep Sea Research* 51(6-9):629-645.
- Gaudy, R., F. Youssara, F. Diaz & P. Raimbault. 2004. Biomass, metabolism and nutrition of zooplankton in the Gulf of Lions (NW Mediterranean). [Biomasse, métabolisme et nutrition du zooplancton dans le Golfe du

- Lion (Méditerranée nord-occidentale).] *Oceanologica Acta* 26(4):357-372.
- George, K.H. 2004. *Meteorina magnifica* gen. et sp. nov., a new Idyanthidae (Copepoda, Harpacticoida) from the plateau of the Great Meteor Seamount (Eastern North Atlantic). *Meiofauna Marina* 13:95-112.
- George, K.H. & A. Rose. 2004. First record of a monospecific harpacticoid fauna on a sandy beach. *Meiofauna Marina* 13:87-94.
- Geraldes, A.M. & M.J.L. Boavida. 2004. Limnological variations of a reservoir during two successive years: One wet, another dry. *Lakes & Reservoirs: Research and Management* 9(2):143-152.
- Geraldes, A.M. & M.J.L. Boavida. 2004. What factors affect the pelagic cladocerans of the meso-eutrophic Azibo Reservoir? *Annales de Limnologie / International Journal of Limnology* 40(2):101-111.
- Germán-Rodríguez, J. 2004. Intertidal water column meiofauna in relation to wave intensity on an exposed beach. *Scientia Marina* 67(Suppl. 3):181-187.
- Gil, A.I., V.R. Louis, I.N.G. Rivera, E. Lipp, A. Huq, C.F. Lanata, D.N. Taylor, E. Russek-Cohen, N. Choopun, R.B. Sack & R.R. Colwell. 2004. Occurrence and distribution of *Vibrio cholerae* in the coastal environment of Peru. *Environmental Microbiology* 6(7):699-706.
- Girgin, S., N. Kazanc & M. Dügel. 2004. On the limnology of deep and saline Lake Burdur in Turkey. *Acta Hydrochimica et Hydrobiologica* 32(3):189-200.
- Gleason, R.A., N.H. Euliss, Jr., D.E. Hubbard & W.G. Duffy. 2004. Invertebrate egg banks of restored, natural, and drained wetlands in the prairie pothole region of the United States. *Wetlands* 24(3):562-572.
- Gliwicz, Z.M., A. Jawiński & M. Pawłowicz. 2004. Cladoceran densities, day-to-day variability in food selection by smelt, and the birth-rate-compensation hypothesis. *Hydrobiologia* 526(1):171-186.
- **Gómez, S., J. Fleeger, A. Rocha-Olivares & D. Foltz. 2004. Four new species of *Cletocamptus* Schmankewitsch, 1875, closely related to *Cletocamptus deitersi* (Richard, 1897) (Copepoda: Harpacticoida). *Journal of Natural History* 38(21):2669-2732.
- **Gómez, S., A.C. Puello-Cruz & B. González-Rodríguez. 2004. Three new species of *Tisbe* (Copepoda: Harpacticoida) and a new record with complete redescription of *Tisbe monozota* from north-western Mexico. *Cahiers de Biologie Marine* 45(1):9-48.
- Gonçalves, E.G.R., M.J.S. Lopes, E.G. Oliveira & E. Hofer. 2004. Associação de *Vibrio cholerae* com o zooplâncton de águas estuárias da Baía de São Marcos/São Luis – MA, Brasil. (Association between *Vibrio cholerae* and zooplankton of estuaries of São Marcos Bay/São Luis – MA, Brazil.). *Revista da Sociedade Brasileira de Medicina Tropical* 37(4):318-323. [In Portuguese; abstract in English.]
- Gonçalves Jr., J.F., A.M. Santos & F.A. Esteves. 2004. The influence of the chemical composition of *Typha domingensis* and *Nymphaea ampla* detritus on invertebrate colonization during decomposition in a Brazilian coastal lagoon. *Hydrobiologia* 527(1):125-137.
- González, H.E., R. Giesecke, C.A. Vargas, M. Pavez, J. Iriarte, P. Santibáñez, L. Castro, R. Escribano & F. Pagès. 2004. Carbon cycling through the pelagic foodweb in the northern Humboldt Current off Chile (23°S). *ICES Journal of Marine Science* 61(4):572-584.
- González, P., M.I. Sánchez, J. Chirivella, E. Carbonell, F. Riera & A. Grau. 2004. A preliminary study on gill metazoan parasites of *Dentex dentex* (Pisces: Sparidae) from the western Mediterranean Sea (Balearic Islands). *Journal of Applied Ichthyology* 20(4):276-281.
- Gorbatenko, K.M., A.Y. Merzlyakov & S.Y. Shershenkov. 2004. Feeding patterns in different size larvae of walleye pollack, *Theragra chalcogramma* (Pallas, 1814) on the shelf of western Kamchatka. *Russian Journal of Marine Biology / Biologiya Morya* 30(2):113-120.
- Gotto, V. 2004. Commensal and Parasitic Copepods associated with Marine Invertebrates. 2nd, revised edition. *Synopses of the British Fauna No. 46*, 2nd, revised edition. Backhuys. 352 pp. ISBN 1-85153-266-8.
- Gotto, V. 2004. *Footprints in the Sea: Tales of a Marine Biologist*. Ballyhay Books, Donaghadee, Northern Ireland. 127 pp. ISBN 1 900935384
- Graeb, B.D.S., J.M. Dettmers, D.H. Wahl & C.E. Cáceres. 2004. Fish size and prey availability affect growth, survival, prey selection, and foraging behavior of larval yellow perch. *Transactions of the American Fisheries Society* 133(3):504-514.
- Grave, K., T.E. Horsberg, B.T. Lunestad & I. Litlekare. 2004. Consumption of drugs against sea lice in Norwegian fish farming: methods for the assessment of usage patterns and treatment rate. *Diseases of Aquatic Organisms* 60:123-131.
- Greene, C.H. & A.J. Pershing. 2004. Climate and the conservation biology of North Atlantic right whales: being a right whale at the wrong time? *Frontiers in Ecology and the Environment* 2(1):29-34.
- **Grishanin, A.K., H.-U. Dahms & A.P. Akifiev. 2004. Nuclear DNA and remarks on chromatin diminution of cyclopoid copepods. *Zoological Studies* 43(2):300-303.
- Grobler, N., J. van As & P. Olivier. 2004. New morphological information on the parasitic copepods *Caligus epinepheli* Yamaguti, 1936 and *Caligus rotundigenitalis* Yu, 1933 (Copepoda, Caligidae) from South Africa. *Crustaceana* 77(2):187-196.
- Grosjean, P., M. Picheral, C. Warembourg & G. Gorsky. 2004. Enumeration, measurement, and identification of net zooplankton samples using the ZOOSCAN digital imaging system. *ICES Journal of Marine Science* 61(4):518-525.
- Guglielmo, L., G.C. Carrada, G. Catalano, S. Cozzi, A. Dell'Anno, M. Fabiano, A. Granata, L. Lazzara, R.

- Lorenzelli, A. Manganaro, O. Mangoni, C. Mistic, M. Modigh, A. Pusceddu & V. Saggiomo. 2004. Biogeochemistry and algal communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). *Chemistry and Ecology* 20(Supplement 1):43-55.
- Güher, H. & T. Kirgiz. 2004. The Copepoda (Crustacea) freshwater fauna of Turkish Thrace region (Edirne, Kırklareli, Tekirdag). *Pakistan Journal of Biological Sciences* 7(5):834-837.
- Gwyther, D. 2004. Impact of the deposition of jarosite on deepwater meiobenthos in southeastern Australia. *Marine Pollution Bulletin* 48(9-10):997-1003.
- Gyllström, M. & L.A. Hansson. 2004. Dormancy in freshwater zooplankton: induction, termination and the importance of benthic-pelagic coupling. *Aquatic Sciences - Research Across Boundaries* 66(3):274-295.
- Hajisamae, S., L.M. Chou & S. Ibrahim. 2004. Feeding habits and trophic relationships of fishes utilizing an impacted coastal habitat, Singapore. *Hydrobiologia* 520(1):61-71.
- Hakalahti, T., H. Häkkinen & E.T. Valtonen. 2004. Ectoparasitic *Argulus coregoni* (Crustacea: Branchiura) hedge their bets - studies on egg hatching dynamics. *Oikos* 107(2):295-302.
- Hakalahti, T., A.F. Pasternak & E.T. Valtonen. 2004. Seasonal dynamics of egg laying and egg-laying strategy of the ectoparasite *Argulus coregoni* (Crustacea: Branchiura). *Parasitology* 128(6):655-660.
- Hall, S.R., M.A. Leibold, D.A. Lytle & V.H. Smith. 2004. Stoichiometry and planktonic grazer composition over gradients of light, nutrients, and predation risk. *Ecology* 85(8):2291-2301.
- Halpenny, C.M., R.M. Kocan & P.K. Hershberger. 2004. Prevalence of the parasitic copepod *Haemobaphes intermedius* on juvenile buffalo sculpins from Washington State. *Journal of Aquatic Animal Health* 16(3):161-163.
- **Halsband-Lenk, C., F. Carlotti & W. Greve. 2004. Life-history strategies of calanoid congeners under two different climate regimes: a comparison. In: Valdés, L., R. Harris, T. Ikeda, S. McKinnell & W.T. Peterson (eds.). *The Role of Zooplankton in Global Ecosystem Dynamics: Comparative studies from the World Oceans*. ICES Journal of Marine Science 61(4):709-720.
- Halvorsen, G., B.K. Dervo & K. Papinska. 2004. Zooplankton in Lake Atnsjøen 1985-1997. *Hydrobiologia* 521(1-3):149-175.
- Hampel, H. & A. Cattrijsse. 2004. Temporal variation in feeding rhythms in a tidal marsh population of the common goby *Pomatoschistus microps* (Kroyer, 1838). *Aquatic Sciences - Research Across Boundaries* 66(3):315-326.
- Hansen, F.C., C. Möllmann, U. Schötz & H.-H. Hinrichsen. 2004. Spatio-temporal distribution of *Oithona similis* in the Bornholm Basin (Central Baltic Sea). *Journal of Plankton Research* 26(6):659-668.
- Hansson, L.-A. 2004. Plasticity in pigmentation induced by conflicting threats from predation and UV radiation. *Ecology* 85(4):1005-1016.
- Hartman, K.J., J. Howell & J.A. Sweka. 2004. Diet and daily ration of bay anchovy in the Hudson River, New York. *Transactions of the American Fisheries Society* 133(3):762-771.
- Havel, J.E. & J.B. Shurin. 2004. Mechanisms, effects, and scales of dispersal in freshwater zooplankton. *Limnology and Oceanography* 49(4, part 2):1229-1238.
- Head, E.J.H. & L.R. Harris. 2004. Estimating zooplankton biomass from dry weights of groups of individual organisms. DFO Canadian Science Advisory Secretariat Research Document 2004/045. http://www.dfo-mpo.gc.ca/csas/csas/English/Research_Years/2004/2004_045_E.htm
- Heath, M.R., P.R. Boyle, A. Gislason, W.S.C. Gurney, S.J. Hay, E.J.H. Head, S. Holmes, A. Ingvarsdóttir, S.H. Jónasdóttir, P. Lindeque, R.T. Pollard, J. Rasmussen, K. Richards, K. Richardson, G. Smerdon & D. Speirs. 2004. Comparative ecology of overwintering *Calanus finmarchicus* in the northern North Atlantic, and implications for life-cycle patterns. *ICES Journal of Marine Science* 61(4):698-708.
- Heidelberg, K.B., K.P. Sebens & J.E. Purcell. 2004. Composition and sources of near reef zooplankton on a Jamaican forereef along with implications for coral feeding. *Coral Reefs* 23(2):263-276.
- Herman, A.W., B. Beanlands & E.F. Phillips. 2004. The next generation of Optical Plankton Counter: the Laser-OPC. *Journal of Plankton Research* 26(10):1135-1145.
- Hernández-Trujillo, S., E. Suárez-Morales & G.M. Esqueda-Escárcega. 2004. Abundance of *Calanus pacificus* (Copepoda, Calanoida) related to "El Niño" event off Baja California, Mexico. Pp. 31-40 In: Hendrickx, M.E. (ed.). *Contribuciones al Estudio de los Crustaceos del Pacífico Este / Contributions to the Study of East Pacific Crustaceans*. Vol. 2. Instituto de Ciencias del Mar y Limnología, México D.F., Mexico. 303 pp.
- Heymans, J.J., L.J. Shannon & A. Jarre. 2004. Changes in the northern Benguela ecosystem over three decades: 1970s, 1980s, and 1990s. *Ecological Modelling* 172(2-4):175-195.
- Hewitt, H. & S. Mudge. 2004. Detecting anthropogenic stress in an ecosystem: 1. Meiofauna in a sewage gradient. *Environmental Forensics* 5(3):155-170.
- Hinojosa-Arango, G. & R. Riosmena-Rodríguez. 2004. Influence of rhodolith-forming species and growth-form on associated fauna of rhodolith beds in the central-west Gulf of California, México. *Marine Ecology* 25(2):109-127.
- Hipfner, J.M., K. Charleton & W.E. Davies. 2004. Rates and consequences of relaying in Cassin's auklets *Ptychoramphus aleuticus* and rhinoceros auklets *Cerorhinca monocerata* breeding in a seasonal environment. *Journal of Avian Biology* 35(3):224-236.

- **Ho, J.-s. & I.-H. Kim. 2004. Lernanthropid copepods (Siphonostomatoida) parasitic on fishes of the Gulf of Thailand. *Systematic Parasitology* 58(1):17-21.
- **Ho, J.-s. & I.-H. Kim. 2004. A new genus of the Clausidiidae (Copepoda: Poecilostomatoida) associated with a polychaete from Korea, with discussion of the taxonomic status of *Hersiliodes* Canu, 1888. *Proceedings of the Biological Society of Washington* 117(1):95-105.
- **Holynska, M. & H.-U. Dahms. 2004. New diagnostic microcharacters of the cephalothoracic appendages in *Cyclops* O. F. Müller, 1776 (Crustacea, Copepoda, Cyclopoida). *Zoosystema* 26(2):175-198.
- Hooff, R.C. & S.M. Bollens. 2004. Functional response and potential predatory impact of *Tortanus dextrilobatus*, a carnivorous copepod recently introduced to the San Francisco Estuary. *Marine Ecology Progress Series* 277:167-179.
- Hoste, E., T. Soltwedel, S. Vanhove & A. Vanreusel. 2004. The temporal variation in the meiobenthos along a bathymetrical gradient ('Hausgarten', Arctica): impact of climate oscillations. P. 55 In: Mees, J. & J. Seys (eds.). VLIZ Young Scientists' Day, Brugge, Belgium 5 March 2004: book of abstracts. VLIZ Special Publication 17.
- Hourston, M., M.E. Platell, F.J. Valesini & I.C. Potter. 2004. Factors influencing the diets of four morphologically divergent fish species in nearshore marine waters. *Journal of the Marine Biological Association of the United Kingdom* 84(4):805-817.
- Hsiao, S.-H., C.-Y. Lee, C.-t. Shih & J.-S. Hwang. 2004. Calanoid copepods of the Kuroshio Current east of Taiwan, with note on the presence of *Calanus jashnovi* Hulseman, 1994. *Zoological Studies* 43(2):323-331.
- Hsieh, C.-H., T.-S. Chiu & C.-t. Shih. 2004. Copepod diversity and composition as indicators of the intrusion of the Kuroshio Branch Current into the northern Taiwan Strait in Spring, 2000. *Zoological Studies* 43(2):393-403.
- Hubareva, E. S., I.S. Svetlichny, Z.A. Romanova, G.I. Abolmasova, B.E. Anninsky, G.A. Finenko, I. Bat & A. Kideys. 2004. Modern state of zooplankton community in Sevastopol Bay (1999 – 2003). *Reports of the National Academy of Sciences of Ukraine* 1(3):39-46. [In Russian; abstract in English.]
- Hwang, J.S. & R. Strickler. 2004. A pilot study of observing copepod swarming in the coral reefs of Taiwan by underwater laser video optical system in situ. *Geophysical Research Abstracts* 6, No. 04997.
- Hwang, S.-J., H.-S. Kim, J.-K. Shin, J.-M. Oh & D.-S. Kong. 2004. Grazing effects of a freshwater bivalve (*Corbicula leana* Prime) and large zooplankton on phytoplankton communities in two Korean lakes. *Hydrobiologia* 515(1-3):161-179.
- Ianora, A., A. Miralto, S.A. Poulet, Y. Carotenuto, I. Buttino, G. Romano, R. Casotti, G. Pohnert, T. Wichard, L. Colucci-D'Amato, G. Terrazzano & V. Smetacek. 2004. Aldehyde suppression of copepod recruitment in blooms of a ubiquitous planktonic diatom. *Nature* 429:403-407.
- Ianora, A., J.T. Turner, F. Esposito, Y. Carotenuto, G. d'Ippolito, G. Romano, A. Fontana, C. Guisande & A. Miralto. 2004. Copepod egg production and hatching success is reduced by maternal diets of a non-neurotoxic strain of the dinoflagellate *Alexandrium tamarense*. *Marine Ecology Progress Series* 280:199-210.
- Idrisi, N., M.J. Olascoaga, Z. Garraffo, D.B. Olson & S.L. Smith. 2004. Mechanisms for emergence from diapause of *Calanoides carinatus* in the Somali current. *Limnology and Oceanography* 49(4, part 2):1262-1268.
- Iguchi, N. 2004. Spatial/temporal variations in zooplankton biomass and ecological characteristics of major species in the southern part of the Japan Sea: a review. *Progress in Oceanography* 61(2-4):213-225.
- Imura, K., T. Takatsu, N. Nanjo, O. Kimura & T. Takahashi. 2004. Spatial distribution of brown sole *Pseudopleuronectes herzensteini* eggs and larvae in Mutsu Bay, Japan. *Nippon Suisan Gakkaishi* 70(1):39-47.
- Invidia, M., S. Sei & G. Gorbi. 2004. Survival of the copepod *Acartia tonsa* following egg exposure to near anoxia and to sulfide at different pH values. *Marine Ecology Progress Series* 276:187-196.
- Isla, J.A. & R. Anadón. 2004. Mesozooplankton size-fractionated metabolism and feeding off NW Spain during autumn: effects of a poleward current. *ICES Journal of Marine Science* 61(4):526-534.
- Isla, J.A., S. Ceballos & R. Anadón. 2004. Mesozooplankton metabolism and feeding in the NW Iberian upwelling. *Estuarine, Coastal and Shelf Science* 61(1):151-160.
- Isla, J.A., M. Llope & R. Anadón. 2004. Size-fractionated mesozooplankton biomass, metabolism and grazing along a 50°N–30°S transect of the Atlantic Ocean. *Journal of Plankton Research* 26(11):1301-1313.
- Isla, J.A. & R. Perissinotto. 2004. Effects of temperature, salinity and sex on the basal metabolic rate of the estuarine copepod *Pseudodiaptomus hessei*. *Journal of Plankton Research* 26(5):579-583.
- Isumbisho, M., M. Kaningini, J.-P. Descy & E. Baras. 2004. Seasonal and diel variations in diet of the young stages of the fish *Limnothrissa miodon* in Lake Kivu, Eastern Africa. *Journal of Tropical Ecology* 20(1):73-83.
- Ivanenko, V.N. & D. Defaye. 2004. A new genus and species of deep-sea cyclopoids (Crustacea, Copepoda, Cyclopinidae) from the Mid-Atlantic Ridge (Azores Triple Junction, Lucky Strike). *Zoosystema* 26(1):49-64.
- Jackson, A.C., S.D. Rundle, M.J. Attrill & P.A. Cotton. 2004. Ontogenetic changes in metabolism may determine diet shifts for a sit-and-wait predator. *Journal of Animal Ecology* 73(3):536-545.
- Jarnagin, S.T., W.C. Kerfoot & B.K. Swan. 2004. Zooplankton life cycles: Direct documentation of pelagic births and deaths relative to diapausing egg production. *Limnology and Oceanography* 49(4, part 2):1317-1332.

- Jeffs, A.G., P.D. Nichols, B.D. Mooney, K.L. Phillips & C.F. Phleger. 2004. Identifying potential prey of the pelagic larvae of the spiny lobster *Jasus edwardsii* using signature lipids. *Comparative Biochemistry and Physiology, B, Biochemistry and Molecular Biology* 137(4):487-507.
- Jiang, H. & G.A. Paffenhöfer. 2004. Relation of behavior of copepod juveniles to potential predation by omnivorous copepods: an empirical-modeling study. *Marine Ecology Progress Series* 278:225-239.
- Jiang, X.-d. 2004. Preliminary study on the potential recruitment of the copepods egg bank into the planktonic population in Xiamen Harbor. *Journal of the Xiamen University of Natural Science* 43(2):236-240. [In Chinese.]
- Jiang, X.-d., G. Wang & S. Li. 2004. Age, distribution and abundance of viable resting eggs of *Acartia pacifica* (Copepoda: Calanoida) in Xiamen Bay, China. *Journal of Experimental Marine Biology and Ecology* 312(1):89-100.
- Jiménez-Pérez, L.C. & B.E. Lavaniegos. 2004. Changes in dominance of copepods off Baja California during the 1997-1999 El Niño and La Niña. *Marine Ecology Progress Series* 277:147-165.
- Johnson, M.W., P.A. Nelson & T.A. Dick. 2004. Structuring mechanisms of yellow perch (*Perca flavescens*) parasite communities: host age, diet, and local factors. *Canadian Journal of Zoology / Revue Canadienne de Zoologie* 82(8):1291-1301.
- Johnson, S.C., J.W. Treasurer, S. Bravo, K. Nagasawa & Z. Kabata. 2004. A review of the impact of parasitic copepods on marine aquaculture. *Zoological Studies* 43(2):229-243.
- Kainz, M., M.T. Arts & A. Mazumder. 2004. Essential fatty acids in the planktonic food web and their ecological role for higher trophic levels. *Limnology and Oceanography* 49(5):1784-1793.
- Kane, D.D., J.E. Gannon & D.A. Culver. 2004. The status of *Limnocalanus macrurus* (Copepoda: Calanoida: Centropagidae) in Lake Erie. *Journal of Great Lakes Research* 30(1):22-30.
- Kar, D. & M.H. Barbhuiya. 2004. Abundance and diversity of zooplankton in Chatla Haor, a floodplain wetland in Cachar District of Assam. *Environment and Ecology* 22(1):247-248.
- Karanovic, T. 2004. Subterranean copepods (Crustacea, Copepoda) from arid Western Australia. *Crustaceana Monographs* 3. Brill Academic Publishers, Leiden. 366 pp. ISBN 90 04 13649 5
- **Karanovic, T. & Y. Ranga Reddy. 2004. A new genus and species of the family Diosaccidae (Copepoda: Harpacticoida) from the groundwaters of India. *Journal of Crustacean Biology* 24(2):246-260.
- **Karanovic, T. & Y. Ranga Reddy. 2004. First record of *Phyllognathopus bassoti* Rouch, 1972 from India, with remarks on the family Phyllognathopodidae Gurney, 1932 (Crustacea, Copepoda, Harpacticoida). *Annales de Limnologie / International Journal of Limnology* 40(2):121-132.
- **Karaytug, S. & R. Huys. 2004. Taxonomic position of and generic distinction between *Parepactophanes* Kunz, 1935 and *Taurocletodes* Kunz, 1975 (Copepoda, Canthocamptidae incertae sedis), with description of a new species from the Black Sea. *Zoological Journal of the Linnean Society* 140(4):469-486.
- Karlsson, J. & B. Eklund. 2004. New biocide-free anti-fouling paints are toxic. *Marine Pollution Bulletin* 49(5-6):456-464.
- Karlsson, J., A. Jonsson, M. Meili & M. Jansson. 2004. $\delta^{15}\text{N}$ of zooplankton species in subarctic lakes in northern Sweden: effects of diet and trophic fractionation. *Freshwater Biology* 49(5):526-534.
- Kas'yan, V.V. 2004. Distribution and seasonal dynamics of the abundance of *Centropages abdominalis* Sato and *C. tenuiremis* Thompson et Scott (Copepoda) in Amursky Bay, Sea of Japan. *Russian Journal of Marine Biology / Biologiya Morya* 30(2):87-95.
- Katajisto, T. 2004. Effects of anoxia and hypoxia on the dormancy and survival of subitaneous eggs of *Acartia bifilosa* (Copepoda: Calanoida). *Marine Biology* 145(4):751-757.
- Katakura, S., Y. Sakurai, H. Yoshida, A. Nishimura, K. Konishi & T. Nishiyama. 2004. Influence of the parasitic copepod *Haemobaphes diceraus* and *Clavella perfida* on growth and maturity of walleye pollock *Theragra chalcogramma*. *Nippon Suisan Gakkaishi* 70(3):324-332.
- Katechakis, A., H. Stibor, U. Sommer & T. Hansen. 2004. Feeding selectivities and food niche separation of *Acartia clausi*, *Penilia avirostris* (Crustacea) and *Doliolum denticulatum* (Thaliacea) in Blanes Bay (Catalan Sea, NW Mediterranean). *Journal of Plankton Research* 26(6):589-603.
- Keppeler, E.C. & E.R. Hardy. 2004. Vertical distribution of zooplankton in the water column of Lago Amapá, Rio Branco, Acre, Brazil. *Revista Brasileira de Zoologia* 21(2):169-177.
- Kerfoot, W.C., G.G. Mittelbach, N.G. Hairston, Jr. & J.J. Elser. 2004. Planktonic biodiversity: Scaling up and down. *Limnology and Oceanography* 49(4, part 2):1225-1228.
- Kerner, M., S. Ertl & A. Spitz. 2004. Trophic diversity within the planktonic food web of the Elbe Estuary determined on isolated individual species by ^{13}C analysis. *Journal of Plankton Research* 26(9):1039-1048.
- Kim, I.-C., Y.-J. Kim, Y.-M. Lee, B.-G. Kim, T.-J. Park, H.-S. Kim, M.-M. Jung, T.D. Williams, W. Lee & J.-S. Lee. 2004. cDNA cloning of Translationally Controlled Tumor Protein/Histamine Releasing Factor (TCTP/HRF) from the intertidal harpacticoid copepod *Tigriopus japonicus*. *DNA Sequence* 15(2):159-163.
- Kim, I.-H. 2004. Copepodid stages of *Ergasilus hypomesi* Yamaguti (Copepoda, Poecilostomatoida, Ergasilidae)

- from a brackish lake in Korea. *Korean Journal of Biological Sciences* 8(1):1-12.
- Kim, I.-H. 2004. Poecilostomatoid copepods associated with bivalves in Korea and their distribution. *Zoological Studies* 43(2):187-192.
- Klein Breteler, W.C.M., M. Koski & S. Rampen. 2004. Role of essential lipids in copepod nutrition: no evidence for trophic upgrading of food quality by a marine ciliate. *Marine Ecology Progress Series* 274:199-208.
- Klimpel, S., H.W. Palm, S. Rückert & U. Piatkowski. 2004. The life cycle of *Anisakis simplex* in the Norwegian Deep (northern North Sea). *Parasitology Research* 94(1):1-9.
- Klumb, R.A., K.L. Bunch, E.L. Mills, L.G. Rudstam, G. Brown, C. Knauf, R. Burton & F. Arrhenius. 2004. Establishment of a metalimnetic oxygen refuge for zooplankton in a productive Lake Ontario embayment. *Ecological Applications* 14(1):113-131.
- Knuckey, R. & G. Semmens. 2004. Scaling up and progress in copepod culture. *Aquaculture News*, Department of Primary Industries and Fisheries, Queensland 24. <http://www.dpi.qld.gov.au/aquaculturenews/15100.html>
- Kobari, T., T. Nagaki & K. Takahashi. 2004. Seasonal changes in abundance and development of *Calanus pacificus* (Crustacea: Copepoda) in the Oyashio-Kuroshio Mixed Region. *Marine Biology* 144(4):713-722.
- Koehl, M.A. 2004. Biomechanics of microscopic appendages: functional shifts caused by changes in speed. *Journal of Biomechanics* 37(6):789-795.
- **Koppelman, R., H. Weikert, C. Halsband-Lenk & T. Jennerjahn. 2004. Mesozooplankton community respiration and its relation to particle flux in the oligotrophic Eastern Mediterranean. *Global Biogeochemical Cycles* 18(1): GB1039. DOI 10.1029/2003GB002121.
- Kornev, P., A. Tchesunov & P. Rybnikov. 2004. *Arcticotantulus pertzovi* gen. et sp. n. (Tantulocarida, Crustacea) - a new tantulocaridan from the pseudobathyal region of the White Sea. *Sarsia* 89(5):355-361.
- Kourela, E., D. Vafidis, C.-C. Chintiroglou, G. Trontsios & L. Chicharo. 2004. Temporal variations in fine sand assemblages in the North Aegean Sea (Eastern Mediterranean). *International Review of Hydrobiology* 89(2):175-187.
- Kozlowsky-Suzuki, B. & R.L. Bozelli. 2004. Resilience of a zooplankton community subjected to marine intrusion in a tropical coastal lagoon. *Hydrobiologia* 522(1-3):165-177.
- Kragh, T. & M. Søndergaard. 2004. Production and bioavailability of autochthonous DOC: effects of mesozooplankton. *Aquatic Microbial Ecology* 36(1):61-72.
- Kreutzweiser, D.P., R.C. Back, T.M. Sutton, K.L. Pangle & D.G. Thompson. 2004. Aquatic mesocosm assessments of a neem (azadirachtin) insecticide at environmentally realistic concentrations - 2: zooplankton community responses and recovery. *Ecotoxicology and Environmental Safety* 59(2):194-204.
- Kreutzweiser, D.P., T.M. Sutton, R.C. Back, K.L. Pangle & D.G. Thompson. 2004. Some ecological implications of a neem (azadirachtin) insecticide disturbance to zooplankton communities in forest pond enclosures. *Aquatic Toxicology* 67(3):239-254.
- Krumme, U. & T.H. Liang. 2004. Tidal induced changes in a copepod-dominated zooplankton community in a macrotidal mangrove channel in northern Brazil. *Zoological Studies* 43(2):404-414.
- Kurihara, H., S. Shimode & Y. Shirayama. 2004. Sub-lethal effects of elevated concentration of CO₂ on planktonic copepods and sea urchins. *Journal of Oceanography* 60(4):743-750.
- Kuroda, H. & M.J. Kishi. 2004. A data assimilation technique applied to estimate parameters for the NEMURO marine ecosystem model. *Ecological Modelling* 172(1):69-85.
- Kuz'mina, V.V. & I.L. Golovanova. 2004. Contribution of prey proteinases and carbohydrases in fish digestion. *Aquaculture* 234(1-4):347-360.
- Kvamme, B.O., P. Frost & F. Nilsen. 2004. The cloning and characterisation of full-length trypsins from the salmon louse *Lepeophtheirus salmonis*. *Molecular and Biochemical Parasitology* 136(2):303-307.
- Kvamme, B.O., R. Skern, P. Frost & F. Nilsen. 2004. Molecular characterisation of five trypsin-like peptidase transcripts from the salmon louse (*Lepeophtheirus salmonis*) intestine. *International Journal of Parasitology* 34(7):823-832.
- Labay, A.A., K. Collins, R.W. Standage & T.M. Brandt. 2004. Gut content of first-feeding wild darters and captive-reared dusky darters. *North American Journal of Aquaculture* 66(2):153-157.
- Lagus, A., J. Suomela, G. Weithoff, K. Heikkilä, H. Helminen & J. Sipura. 2004. Species-specific differences in phytoplankton responses to N and P enrichments and the N:P ratio in the Archipelago Sea, northern Baltic Sea. *Journal of Plankton Research* 26(7):779-798.
- La Mesa, M., M. Dalú & M. Vacchi. 2004. Trophic ecology of the emerald notothen *Trematomus bernacchii* (Pisces, Nototheniidae) from Terra Nova Bay, Ross Sea, Antarctica. *Polar Biology* 27(11):721-728.
- Lan, Y.-C., C.-t. Shih, M.-A. Lee & H.-Z. Shieh. 2004. Spring distribution of copepods in relation to water mass in the northern Taiwan Strait. *Zoological Studies* 43(2):332-343.
- Lapesa, S., T.W. Snell, D.M. Fields & M. Serra. 2004. Selective feeding of *Arctodiaptomus salinus* (Copepoda, Calanoida) on co-occurring sibling rotifer species. *Freshwater Biology* 49(8):1053-1061.

- Laptikhovskiy, V.V. 2004. A comparative study of diet in three sympatric populations of *Patagonotothen* species (Pisces: Nototheniidae). *Polar Biology* 27(4):202-205.
- Latyshev, N.A., A.S. Khardin, S.P. Kasyanov & M.B. Ivanova. 2004. A study on the feeding biology of chitons using analysis of gut contents and fatty acid markers. *Journal of Molluscan Studies* 70:225-230.
- Lawrence, D., I. Valiela & G. Tomasky. 2004. Estuarine calanoid copepod abundance in relation to season, salinity, and land-derived nitrogen loading, Waquoit Bay, MA. *Estuarine, Coastal and Shelf Science* 61(3):547-557.
- Lee, C.N.W. 2004. Distribution of necrophagous copepods in the Cape d'Aguilar Marine Reserve, Hong Kong. *Zoological Studies* 43(2):304-313.
- Lee, C.N.W. & B. Morton. 2004. Temporal patterns of change in the necrophagous hyperbenthic zooplankton community of Lobster Bay, Cape d'Aguilar Marine Reserve, Hong Kong. *Journal of the Marine Biological Association of the United Kingdom* 84(3):531-538.
- Lee, M.R. & J.A. Correa. 2004. Effects of copper mine tailings disposal on littoral meiofaunal assemblages in the Atacama region of northern Chile. *Marine Environmental Research* 59(1):1-18. [For 2005.]
- Lefebvre, S., I. Probert, C. Lefrançois & J. Hussenot. 2004. Outdoor phytoplankton continuous culture in a marine fish-phytoplankton-bivalve integrated system: combined effects of dilution rate and ambient conditions on growth rate, biomass and nutrient cycling. *Aquaculture* 240(1-4):211-231.
- Leibold, M.A. & J. Norberg. 2004. Biodiversity in metacommunities: Plankton as complex adaptive systems? *Limnology and Oceanography* 49(4, part 2):1278-1289.
- Lemus, J.T., J.T. Ogle & J.M. Lotz. 2004. Increasing production of copepod nauplii in a brown-water zooplankton culture with supplemental feeding and increased harvest levels. *North American Journal of Aquaculture* 66(3):169-176.
- Lenz, P.H., A.E. Hower & D.K. Hartline. 2004. Force production during pereopod power strokes in *Calanus finmarchicus*. *Journal of Marine Systems* 49(1-4):133-144.
- Lewin, W.-C., N. Okun & T. Mehner. 2004. Determinants of the distribution of juvenile fish in the littoral area of a shallow lake. *Freshwater Biology* 49(4):410-424.
- Leyse, K.E., S.P. Lawler & T. Strange. 2004. Effects of an alien fish, *Gambusia affinis*, on an endemic California fairy shrimp, *Lindieriella occidentalis*: implications for conservation of diversity in fishless waters. *Biological Conservation* 118(1):57-65.
- Li, C., S. Sun, R. Wang & X. Wang. 2004. Feeding and respiration rates of a planktonic copepod (*Calanus sinicus*) overwintering in Yellow Sea Cold Bottom Waters. *Marine Biology* 145(1):149-157.
- Lindeque, P.K., R.P. Harris, M.B. Jones & G.R. Smerdon. 2004. Distribution of *Calanus* spp. as determined using a genetic identification system. *Scientia Marina* 67(Suppl. 3):121-128.
- Link, J.S. 2004. A general model of selectivity for fish feeding: a rank proportion algorithm. *Transactions of the American Fisheries Society* 133(3):655-673.
- Liu, D., F. Cui & T. Lin. 2004. Preliminary study on biological control of Cyclops of zooplankton in drinking water source. *Journal of the Harbin Institute of Technology* 11(2):184-190.
- Lo, W.-T., C.-L. Chung & C.-t. Shih. 2004. Seasonal distribution of copepods in the Tapong Bay, southwestern Taiwan. *Zoological Studies* 43(2):464-474.
- Lo, W.-T., J.-S. Hwang & Q.-C. Chen. 2004. Spatial distribution of copepods in the surface waters of the southeastern Taiwan Strait. *Zoological Studies* 43(2):218-228.
- Loot, G., N. Poulet, Y. Reyjol, S. Blanchet & S. Lek. 2004. The effects of the ectoparasite *Tracheliastes polycolpus* (Copepoda: Lernaeopodidae) on the fins of rostrum dace (*Leuciscus leuciscus burdigalensis*). *Parasitology Research* 94(1):16-23.
- Lorke, A., D.F. McGinnis, P. Spaak & A. Wüest. 2004. Acoustic observations of zooplankton in lakes using a Doppler current profiler. *Freshwater Biology* 49(10):1280-1292.
- Losso, C., E. His, P.F. Gheti & A. Volpi Ghirardini. 2004. Sensitivity of embryotoxicity test with *Mytilus galloprovincialis* (Lmk) towards some compounds of environmental interest (copper and pesticides). *Environmental Technology* 25(7):841-846.
- Lozouet, P. & R. Huys. 2004. Taxonomic position of and generic distinction between *Parepactophanes* Kunz, 1935 and *Taurocletodes* Kunz, 1975 (Copepoda, Canthocamptidae incertae sedis), with description of a new species from the Black Sea. *Zoological Journal of the Linnean Society* 140(4):469-486.
- Luksenburg, J.A., T. Pedersen & I.B. Falk-Petersen. 2004. Reproduction of the shorthorn sculpin *Myoxocephalus scorpius* in northern Norway. *Journal of Sea Research* 51(2):157-166.
- Luque, J.L., D. Mouillot & R. Poulin. 2004. Parasite biodiversity and its determinants in coastal marine teleost fishes of Brazil. *Parasitology* 128(6):671-682.
- Lyons, D.O. & J.J. Dunne. 2004. Inter- and intra-gender analyses of feeding ecology of the worm pipefish (*Nerophis lumbriciformis*). *Journal of the Marine Biological Association of the United Kingdom*. 84(2):461-464.
- Maar, M., T.G. Nielsen, S. Gooding, K. Tönnesson, P. Tiselius, S. Zervoudaki, E. Christou, A. Sell & K. Richardson. 2004. Trophodynamic function of copepods, appendicularians and protozooplankton in the late summer zooplankton community in the Skagerrak. *Marine Biology* 144(5):917-934.

- Machida, R.J., M.U. Miya, M. Nishida & S. Nishida. 2004. Large-scale gene rearrangements in the mitochondrial genomes of two calanoid copepods *Eucalanus bungii* and *Neocalanus cristatus* (Crustacea), with notes on new versatile primers for the srRNA and COI genes. *Gene* 332:71-78.
- Mackas, D.L., W.T. Peterson & J.E. Zamon. 2004. Comparisons of interannual biomass anomalies of zooplankton communities along the continental margins of British Columbia and Oregon. *Deep Sea Research Part II: Topical Studies in Oceanography* 51(6-9):875-896.
- Malavige, G.N., S. Fernando, D.J. Fernando & S.L. Seneviratne. 2004. Dengue viral infections. *Postgraduate Medical Journal* 80:588-601.
- Manca, M., A. Carnovale & P. Alemani. 2004. Exotopic protrusions and ellobiopsis infection in zooplanktonic copepods of a large, deep subalpine lake, Lago Maggiore, in northern Italy. *Journal of Plankton Research* 26(11):1257-1263.
- Marchenkov, A. & G.A. Boxshall. 2004. The notodelphyid genus *Doroixys* Kerschner, 1879 (Crustacea: Copepoda: Cyclopoidea), with the description of a new species from the Russian Far East. *Systematic Parasitology* 58(3):223-233.
- Marchetto, A., R. Mosello, M. Rogora, M. Manca, A. Boggero, G. Morabito, S. Musazzi, G.A. Tartari, A.M. Nocentini, A. Pugnetti, R. Bettinetti, P. Panzani, M. Armiraglio, P. Cammarano & A. Lami. 2004. The chemical and biological response of two remote mountain lakes in the Southern Central Alps (Italy) to twenty years of changing physical and chemical climate. *Journal of Limnology* 63(1):77-89.
- Marcus, N. 2004. An overview of the impacts of eutrophication and chemical pollutants on copepods of the coastal zone. *Zoological Studies* 43(2):211-217.
- Marcus, N.H., C. Richmond, C. Sedlacek, G.A. Miller & C. Oppert. 2004. Impact of hypoxia on the survival, egg production and population dynamics of *Acartia tonsa* Dana. *Journal of Experimental Marine Biology and Ecology* 301(2):111-128.
- Markhaseva, E. & H.-U. Dahms. 2004. *Plesioscolecithrix* (Copepoda, Calanoida, Scolecitrichidae): a new genus, and a new species from the high Antarctic Weddell Sea (Southern Ocean). *Sarsia* 89(5):326-337.
- Marrari, M., M.D. Viñas, P. Martos & D. Hernández. 2004. Spatial patterns of mesozooplankton distribution in the Southwestern Atlantic Ocean (34°–41°S) during austral spring: relationship with the hydrographic conditions. *ICES Journal of Marine Science* 61(4):667-679.
- Marshall, N.A. & P.C.E. Bailey. 2004. Impact of secondary salinisation on freshwater ecosystems: effects of contrasting, experimental, short-term releases of saline wastewater on macroinvertebrates in a lowland stream. *Marine and Freshwater Research* 55(5):509-523.
- Marti, G.A., M.V. Micieli, A.C. Scorsetti & G. Liljeström. 2004. Evaluation of *Mesocyclops annulatus* (Copepoda: Cyclopoidea) as a control agent of *Aedes aegypti* (Diptera: Culicidae) in Argentina. *Memórias do Instituto Oswaldo Cruz* 99(5):535-540.
- Martineau, C., W.F. Vincent, J.-J. Frenette & J.J. Dodson. 2004. Primary consumers and particulate organic matter: Isotopic evidence of strong selectivity in the estuarine transition zone. *Limnology and Oceanography* 49(5):1679-1686.
- Masero, R. & F. Villate. 2004. Composition, vertical distribution and age of zooplankton benthic eggs in the sediments of two contrasting estuaries of the Bay of Biscay. *Hydrobiologia* 518(1-3):201-212.
- Masson, S., B. Pinel-Alloul, G. Méthot & N. Richard. 2004. Comparison of nets and pump sampling gears to assess zooplankton vertical distribution in stratified lakes. *Journal of Plankton Research* 26(10):1199-1206.
- Matthews, B. & A. Mazumder. 2004. A critical evaluation of intrapopulation variation of $\delta^{13}\text{C}$ and isotopic evidence of individual specialization. *Oecologia* 140(2):361-371.
- Maugeri, T.L., M. Carbone, M.T. Fera, G.P. Irrera & C. Gugliandolo. 2004. Distribution of potentially pathogenic bacteria as free living and plankton associated in a marine coastal zone. *Journal of Applied Microbiology* 97(2):354-361.
- Mazé, R.A. 2004. Seasonal and ontogenetic diet shifts in an intertidal population of *Gobius paganellus* (Teleostei, Gobiidae) from the Cantabrian coast. *Vie et Milieu* 51(1):1-6.
- McCoy, M.W. & A.H. Savitzky. 2004. Feeding ecology of larval *Ambystoma mabeei* (Urodela: Ambystomatidae). *Southeastern Naturalist* 3(3):409-416.
- McKenzie, E., G. Gettinby, K. McCart & C.W. Revie. 2004. Time-series models of sea lice *Caligus elongatus* (Nordmann) abundance on Atlantic salmon *Salmo salar* L. in Loch Sunart, Scotland. *Aquaculture Research* 35(8):764-772.
- McKibben, M.A. & D.W. Hay. 2004. Distributions of planktonic sea lice larvae *Lepeophtheirus salmonis* in the inter-tidal zone in Loch Torridon, Western Scotland in relation to salmon farm production cycles. *Aquaculture Research* 35(8):742-750.
- McNaught, A.S., R.L. Kiesling & A. Ghadouani. 2004. Changes to zooplankton community structure following colonization of a small lake by *Leptodora kindtii*. *Limnology and Oceanography* 49(4, part 2):1239-1249.
- McVicar, A.H. 2004. Management actions in relation to the controversy about salmon lice infections in fish farms as a hazard to wild salmonid populations. *Aquaculture Research* 35(8):751-758.
- Medina, M.M., C. Barata, T. Telfer & D.J. Baird. 2004. Effects of cypermethrin on marine plankton communities: a simulated field study using mesocosms. *Ecotoxicology and Environmental Safety* 58(2):236-245.
- Medina, M.M., C. Barata, T. Telfer & D.J. Baird. 2004. Assessing the risks to zooplankton grazers of continuous versus pulsed cypermethrin exposures from marine cage

- aquaculture. *Archives of Environmental Contamination and Toxicology* 47(1):67-73.
- Messick, G.A., H.A. Vanderploeg, J.F. Cavaletto & S.S. Tyler. 2004. Histological characteristics of abnormal protrusions on copepods from Lake Michigan, USA. *Zoological Studies* 43(2):314-322.
- Metcalfe, A.M., T.J. Pedley & T.F. Thingstad. 2004. Incorporating turbulence into a plankton foodweb model. *Journal of Marine Systems* 49(1-4):105-122.
- Miler, O. & P. Fischer. 2004. Distribution and onshore migration behaviour of burbot larvae in Lake Constance, Germany. *Journal of Fish Biology* 64(1):176-185.
- Millward, R.N., K.R. Carman, J.W. Fleeger, R.P. Gambrell & R. Portier. 2004. Mixtures of metals and hydrocarbons elicit complex responses by a benthic invertebrate community. *Journal of Experimental Marine Biology and Ecology* 310(1):115-130.
- Mingorance-Rodríguez, M.C., F. Lozano-Soldevilla, J.A. García-Braun, & J.M. Landeira-Sánchez. 2004. Estudio de la influencia de la acuicultura en la comunidad mesozooplancónica de zonas costeras de la isla de Tenerife. *Revista AquaTIC* 20:1-8.
<http://www.revistaaquatic.com/aquatic/art.asp?t=p&c=178>. [In Spanish; abstract in English.]
- Mirto, S. & R. Danovaro. 2004. Meiofaunal colonisation on artificial substrates: a tool for biomonitoring the environmental quality on coastal marine systems. *Marine Pollution Bulletin* 48(9-10):919-926.
- Moksness, E., E. Kjorsvik & Y. Olsen (eds.). 2004. *Culture of Cold-water Marine Fish*. Blackwell, Oxford. 544 pp. ISBN 0852382766.
- Möllmann, C., A. Temming, H.-J. Hirche, D. Stepputtis, M. Bernreuther & F.W. Köster. 2004. Fish predation control of key copepod species in the Bornholm Basin. *International GLOBEC Newsletter* 10(1):15-17.
- Moran, S.M., G.P. Jenkins, M.J. Keough & J.S. Hindell. 2004. Evidence for secondary planktonic transport of post-larvae of seagrass-associated King George whiting. *Journal of Fish Biology* 64(5):1226-1241.
- Moravec, F. 2004. Some aspects of the taxonomy and biology of dracunculoid nematodes parasitic in fishes: a review. *Folia Parasitologica* 51(1):1-13.
- Moscatello, S., F. Rubino, O.D. Saracino, G. Fanelli, G. Belmonte & F. Boero. 2004. Plankton biodiversity around the Salento Peninsula (South East Italy): An integrated water/sediment approach. *Scientia Marina* 67(Suppl. 3):85-102.
- Munk, P., P.K. Bjørnsen, P. Boonruang, M. Fryd, P.J. Hansen, V. Janekarn, V. Limtrakulvong, T.G. Nielsen, O.S. Hansen, S. Satapoomin, S. Sawangarreruks, H.A. Thomsen & J.B. Østergaard. 2004. Assemblages of fish larvae and mesozooplankton across the continental shelf and shelf slope of the Andaman Sea (NE Indian Ocean). *Marine Ecology Progress Series* 274:87-97.
- Nadtochy, V.V. 2004. Seasonal dynamics of plankton in zones with different thermal structures of water off the southern Kuril Islands. *Russian Journal of Marine Biology / Biologiya Morya* 30(4):223-230.
- Nagasawa, K. 2004. Sea lice, *Lepeophtheirus salmonis* and *Caligus orientalis* (Copepoda: Caligidae), of wild and farmed fish in sea and brackish waters of Japan and adjacent regions: a review. *Zoological Studies* 43(2):173-178.
- Neira, S., H. Arancibia & L. Cubillos. 2004. Comparative analysis of trophic structure of commercial fishery species off Central Chile in 1992 and 1998. *Ecological Modelling* 172(2-4):233-248.
- Nelson, N.B., C.A. Carlson & D.K. Steinberg. Production of chromophoric dissolved organic matter by Sargasso Sea microbes. *Marine Chemistry* 89(1-4):273-287.
- Niehoff, B. 2004. The effect of food limitation on gonad development and egg production of the planktonic copepod *Calanus finmarchicus*. *Journal of Experimental Marine Biology and Ecology* 307(2):237-259.
- Nihongi, A., S.B. Lovern & J.R. Strickler. 2004. Mate-searching behaviors in the freshwater calanoid copepod *Leptodiptomus ashlandi*. *Journal of Marine Systems* 49(1-4):65-74.
- Nishibe, Y. & T. Ikeda. 2004. Vertical distribution, abundance and community structure of oncaeid copepods in the Oyashio region, western subarctic Pacific. *Marine Biology* 145(5):931-941.
- Nogueira, E., G. González-Nuevo, A. Bode, M. Varela, X.A.G. Morán & L. Valdés. 2004. Comparison of biomass and size spectra derived from optical plankton counter data and net samples: application to the assessment of mesoplankton distribution along the Northwest and North Iberian Shelf. *ICES Journal of Marine Science* 61(4):508-517.
- North, E.W. & E.D. Houde. 2004. Distribution and transport of bay anchovy (*Anchoa mitchilli*) eggs and larvae in Chesapeake Bay. *Estuarine, Coastal and Shelf Science* 60(3):409-429.
- Oberto, A.M., G.B. Raffaini & M.C. Corigliano. 2004. Diel variations in macroinvertebrate drift in a mountain stream. *Acta Limnologica Brasiliensia* 16(2):175-182.
- O'Brien, W.J., M. Barfield, N.D. Bettez, G.M. Gettel, A.E. Hershey, M.E. McDonald, M.C. Miller, H. Mooers, J. Pastor, C. Richards & J. Schudt. 2004. Physical, chemical, and biotic impacts on arctic zooplankton communities and diversity. *Limnology and Oceanography* 49(4, part 2):1250-1261.
- O'Donohoe, P., S. Kennedy, L. Copley, F. Kane, O. Naughton & D. Jackson. 2004. National survey of sea lice (*Lepeophtheirus salmonis* Krøyer and *Caligus elongatus* Nordmann) on fish farms in Ireland - 2003. Marine Institute Fishery Leaflet No. 184. Available at: <http://govdocs.aquade.org/cgi/reprint/2004/410/4100350>
- Ohman, M.D., K. Eiane, E.G. Durbin, J.A. Runge & J.A. Hirche. 2004. A comparative study of *Calanus finmarchicus* mortality patterns in five localities in the

- North Atlantic. ICES Journal of Marine Science 61(4):687-697.
- Ohta, I. & K. Tachihara. 2004. Larval development and food habits of the marbled parrotfish, *Leptoscarus vaigiensis*, associated with drifting algae. Ichthyological Research 51(1):63-69.
- Ohtsuka, S. & G.A. Boxshall. 2004. A new species of the deep-sea copepod genus *Scutogerulus* (Calanoida: Arietellidae) from the hyperbenthic waters of Okinawa, Japan. Systematics and Biodiversity 2(1):49-56.
- Ojaveer, H., M. Simm & A. Lankov. 2004. Population dynamics and ecological impact of the non-indigenous *Cercopagis pengoi* in the Gulf of Riga (Baltic Sea). Hydrobiologia 522(1-3):261-269.
- Olascoaga, M.J., N. Idrisi & A. Romanou. 2004. Biophysical isopycnic-coordinate modelling of plankton dynamics in the Arabian Sea. Ocean Modelling 8(1-2):55-80. [For 2005.]
- Oliva, M.E. & M.T. González. 2004. Metazoan parasites of *Sebastes capensis* from two localities in northern Chile as tools for stock identification. Journal of Fish Biology 64(1):170-175.
- Oliveira, A. K., M.C.C. Alvim, A.C. Peret & C.B.M. Alves. 2004. Diet shifts related to body size of the pirambeba *Serrasalmus brandtii* Lütken, 1875 (Osteichthyes, Serrasalminae) in the Cajuru Reservoir, São Francisco River Basin, Brazil. Brazilian Journal of Biology 64(1):117-124. [In English; abstract in Portuguese.]
- Olsen, R.E., R.J. Henderson, J. Sountama, G.-I. Hemre, E. Ringo, W. Melle & D.R. Tocher. 2004. Atlantic salmon, *Salmo salar*, utilizes wax ester-rich oil from *Calanus finmarchicus* effectively. Aquaculture 240(1-4):433-449.
- **Ooishi, S. 2004. Female and male *Haplostoma brevicauda* (Copepoda: Cyclopoida: Ascidicolidae) living in compound ascidians. Journal of Crustacean Biology 4(3):422-439.
- Osore, M.K.W., J.M. Mwaluma, F. Fiers & M.H. Daro. 2004. Zooplankton composition and abundance in Mida Creek, Kenya. Zoological Studies 43(2):415-424.
- Østergaard, P. 2004. Does male *Chondracanthus lophii* (Crustacea: Copepoda) feed? Journal of the Marine Biological Association of the United Kingdom 84(4):711-716.
- Padmavati, G., T. Ikeda & A. Yamaguchi. 2004. Life cycle, population structure and vertical distribution of *Metridia* spp. (Copepoda: Calanoida) in the Oyashio region (NW Pacific Ocean). Marine Ecology Progress Series 270:181-198.
- Pagano, M., E. Kouassi, R. Arfi, M. Bouvy & L. Saint-Jean. 2004. In situ spawning rate of the calanoid copepod *Acartia clausi* in a tropical lagoon (Ebrié, Côte d'Ivoire): diel variations and effects of environmental factors. Zoological Studies 43(2):244-254.
- Pallaoro, A., M. Šantić & I. Jardas. 2004. Diet composition of young-of-the-year saddled bream, *Oblada melanura* (Linnaeus, 1758) from the eastern central Adriatic Sea. Journal of Applied Ichthyology 20(3):228-230.
- Palomares-García, R., A. Martínez-López & R. De Silva-Dávila. 2004. Winter egg production rates of four calanoid copepod species in Bahía de La Paz, Mexico. Pp. 139-152 In: Hendrickx, M.E. (ed.). Contribuciones al Estudio de los Crustaceos del Pacifico Este / Contributions to the Study of East Pacific Crustaceans. Vol. 2. Instituto de Ciencias del Mar y Limnología, México D.F., Mexico. 303 pp.
- Park, W., M. Sturdevant, J. Orsi, A. Wertheimer, E. Fergusson, W. Heard & T. Shirley. 2004. Interannual abundance patterns of copepods during an ENSO event in Icy Strait, southeastern Alaska. ICES Journal of Marine Science 61(4):464-477.
- Pashkova, O.V. 2004. Stages and peculiarities of long-term succession of zooplankton of the pelagic zone of the Kanev Reservoir. Hydrobiological Journal 40(2):39-50.
- Pasternak, A., K.S. Tande, E. Arashkevich & W. Melle. 2004. Reproductive patterns of *Calanus finmarchicus* at the Norwegian midshelf in 1997. Journal of Plankton Research 26(8):839-849.
- Patil, S.D. & G.A. Shirgur. 2004. Morphology and identification characteristics of copepod species occurring in the government fish farm, Goregaon, Mumbai. Journal of Ecobiology 16(1):45-52.
- Pavlyuk, O.N. 2004. Meiobenthos of bays of Furugelm Island and Sivuchya Bight (Peter the Great Bay, Sea of Japan). Russian Journal of Marine Biology / Biologiya Morya 30(3):151-158.
- Penston, M.J., M.A. McKibben, D.W. Hay & P.A. Gillibrand. 2004. Observations on open-water densities of sea lice larvae in Loch Shieldaig, Western Scotland. Aquaculture Research 35(8):793-805.
- Peralba, À. & M.G. Mazzocchi. 2004. Vertical and seasonal distribution of eight *Clausocalanus* species (Copepoda: Calanoida) in oligotrophic waters. ICES Journal of Marine Science 61(4):645-653.
- Perry, R.I., H.P. Batchelder, D.L. Mackas, S. Chiba, E. Durbin, W. Greve & H.M. Verheye. 2004. Identifying global synchronies in marine zooplankton populations: issues and opportunities. ICES Journal of Marine Science 61(4):445-456.
- Persic, A., H. Roche & F. Ramade. 2004. Stable carbon and nitrogen isotope quantitative structural assessment of dominant species from the Vaccarès Lagoon trophic web (Camargue Biosphere Reserve, France). Estuarine, Coastal and Shelf Science 60(2):261-272.
- Persson, L., P. Byström, E. Wahlström & E. Westman. 2004. Trophic dynamics in a whole lake experiment: size-structured interactions and recruitment variation. Oikos 106(2):263-274.
- Perticarrari, A., M.S. Arcifa & R.A. Rodrigues. 2004. Diel vertical migration of copepods in a Brazilian lake: a mechanism for decreasing risk of *Chaoborus* predation? Brazilian Journal of Biology 64(2):289-298.

- Piasecki, W., A.E. Goodwin, J.C. Eiras & B.F. Nowak. 2004. Importance of Copepoda in freshwater aquaculture. *Zoological Studies* 43(2):193-205.
- Pietrak, M. & H.M. Opitz. 2004. An evaluation of three potential methods for preventing the spread of larval *Lepeophtheirus salmonis* (Krøyer, 1837). *Aquaculture Research* 35(8):759-763.
- Pilati, A., W.A. Wurtsbaugh & N.R. Brindza. 2004. Evidence of coprophagy in freshwater zooplankton. *Freshwater Biology* 49(7):913-918.
- Pinel-Alloul, B., G. Méthot & N.Z. Malinsky-Rushansky. 2004. A short-term study of vertical and horizontal distribution of zooplankton during thermal stratification in Lake Kinneret, Israel. *Hydrobiologia* 526(1):85-98.
- Pipan, T. & A. Brancelj. 2004. Distribution patterns of copepods (Crustacea: Copepoda) in percolation water of the Postojnska Jama cave system (Slovenia). *Zoological Studies* 43(2):206-210.
- Preuß, G. & H.K. Schminke. 2004. Grundwasser lebt! Ein globales Ökosystem. *Chemie in unserer Zeit* 38(5):340-347.
- Proches, S. 2004. Ecological associations between organisms of different evolutionary history: mangrove pneumatophore arthropods as a case study. *Journal of the Marine Biological Association of the United Kingdom* 84(2):341-344.
- Proffitt, F. 2004. Algae strike back. *Science Now*, May 2004: 2.
- Proffitt, F. 2004. Reproductive failure threatens bird colonies on North Sea coast. *Science* 305:1090.
- Ptacnik, R., U. Sommer, T. Hansen & V. Martens. 2004. Effects of microzooplankton and mixotrophy in an experimental planktonic food web. *Limnology and Oceanography* 49(4, part 2):1435-1445.
- Pu, X.-M., S. Sun, B. Yang, P. Ji, Y.-S. Zhang & F. Zhang. 2004. The combined effects of temperature and food supply on *Calanus sinicus* in the southern Yellow Sea in summer. *Journal of Plankton Research* 26(9):1049-1057.
- Pu, X.-M., S. Sun, B. Yang, G.-T. Zhang & F. Zhang. 2004. Life history strategies of *Calanus sinicus* in the southern Yellow Sea in summer. *Journal of Plankton Research* 26(9):1059-1068.
- Pusch, C., P.A. Hulley & K.-H. Kock. 2004. Community structure and feeding ecology of mesopelagic fishes in the slope waters of King George Island (South Shetland Islands, Antarctica). *Deep Sea Research Part I: Oceanographic Research Papers* 51(11):1685-1708.
- Qin, J.G. & P. Dong. 2004. Acute toxicity of trichlorfon to juvenile yabby *Cherax destructor* (Clark) and selected zooplankton species. *Aquaculture Research* 35(11):1104-1107.
- Raikow, D.F. 2004. Food web interactions between larval bluegill (*Lepomis macrochirus*) and exotic zebra mussels (*Dreissena polymorpha*). *Canadian Journal of Fisheries and Aquatic Sciences / Journal Canadien des Sciences Halieutiques et Aquatiques* 61(3):497-504.
- Ramírez, T., D. Cortés, A. García & A. Carpena. 2004. Seasonal variations of RNA/DNA ratios and growth rates of the Alboran Sea sardine larvae (*Sardina pilchardus*). *Fisheries Research* 68(1-3):57-65.
- Ramirez-Olvera, M.A., M. Diaz-Arguero & E. Lopez-Lopez. 2004. Planktonic crustacean assemblages in a system of three reservoirs in the Mexican Central Plateau: seasonal and spatial patterns. *Journal of Freshwater Ecology* 19(1):25-34.
- Ramos-Jiliberto, R., J.L. Carvajal, M. Carter & L.R. Zúñiga. 2004. Diel vertical migration patterns of three zooplankton populations in a Chilean lake. *Revista Chilena de Historia Natural* 77(1):29-41. [Abstract in Spanish.]
- Ranga Reddy, Y. 2004. Little known biodiversity of subterranean freshwater habitats in India, with special reference to crustacean fauna. *Journal of the Bombay Natural History Society* 101(1):186-189.
- Rasch, E.M., C.E. Lee & G.A. Wyngaard. 2004. DNA-Feulgen cytophotometric determination of genome size for the freshwater-invading copepod *Eurytemora affinis*. *Genome* 47(3):559-564.
- Rawlinson, K.A., J. Davenport & D.K.A. Barnes. 2004. Vertical migration strategies with respect to advection and stratification in a semi-enclosed lough: a comparison of mero- and holozooplankton. *Marine Biology* 144(5):935-946.
- Regali-Selegim, M.H. & M.J.L. Godinho. 2004. Peritrich epibiont protozoans in the zooplankton of a subtropical shallow aquatic ecosystem (Monjolinho Reservoir, São Carlos, Brazil). *Journal of Plankton Research* 26(5):501-508.
- Reichwaldt, E.S., I.D. Wolf & H. Stibor. 2004. The effect of different zooplankton grazing patterns resulting from diel vertical migration on phytoplankton growth and composition: a laboratory experiment. *Oecologia* 141(3):411-419.
- **Reid, J.W. 2004. New records and new species of the genus *Diacyclops* (Crustacea: Copepoda) from subterranean habitats in southern Indiana, USA. *Jeffersoniana* 12:1-65.
- Reissig, M., B.E. Modenutti, E.G. Balseiro & C.P. Queimaliños. 2004. The role of the predaceous copepod *Parabroteas sarsi* in the pelagic food web of a large deep Andean lake. *Hydrobiologia* 524(1):67-77.
- Repka, S., M. Meyerhöfer, K. Von Bröckel & K. Sivonen. 2004. Associations of cyanobacterial toxin, Nodularin, with environmental factors and zooplankton in the Baltic Sea. *Microbial Ecology* 47(4):350-358.
- Rey, J.R., S. O'Connell, S. Suárez, Z. Menéndez, L.P. Lounibos & G. Byer. 2004. Laboratory and field studies of *Macrocyclus albidus* (Crustacea: Copepoda) for biological control of mosquitoes in artificial containers in a subtropical environment. *Journal of Vector Ecology* 29(1):124-134.

- Rezai, H., F.M. Yusoff, A. Arshad, A. Kawamura, S. Nishida & B.H.R. Othman. 2004. Spatial and temporal distribution of copepods in the Straits of Malacca. *Zoological Studies* 43(2):486-497.
- Ribera d'Alcalà, M., F. Conversano, F. Corato, P. Licandro, O. Mangoni, D. Marino, M.G. Mazzocchi, M. Modigh, M. Montresor, M. Nardella, V. Saggiomo, D. Sarno & A. Zingone. 2004. Seasonal patterns in plankton communities in a pluriannual time series at a coastal Mediterranean site (Gulf of Naples): an attempt to discern recurrences and trends. *Scientia Marina* 67(Suppl. 3):65-83.
- Richardson, A.J., E.H. John, X. Irigoien, R.P. Harris & G.C. Hays. 2004. How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. *Deep Sea Research Part I: Oceanographic Research Papers* 51(9):1283-1294.
- Richardson, A.J. & D.S. Schoeman. 2004. Climate impact on plankton ecosystems in the Northeast Atlantic. *Science* 305(5690):1609-1612.
- Richardson, T.L., G.A. Jackson, H.W. Ducklow & M.R. Roman. 2004. Carbon fluxes through food webs of the eastern equatorial Pacific: an inverse approach. *Deep Sea Research Part I: Oceanographic Research Papers* 51(9):1245-1274.
- Riera, P., L. Stal & J. Nieuwenhuize. 2004. Utilization of food sources by invertebrates in a man-made intertidal ecosystem (Westerschelde, the Netherlands): a $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ study. *Journal of the Marine Biological Association of the United Kingdom* 84(2):323-326.
- Rikardsen, A.H. 2004. Seasonal occurrence of sea lice *Lepeophtheirus salmonis* on sea trout in two north Norwegian fjords. *Journal of Fish Biology* 65(3):711-722.
- Rikardsen, A.H., M. Haugl, P.A. Bjørn, B. Finstad, R. Knudsen, J.B. Dempson, J.C. Holst, N.A. Hvidsten & M. Holm. 2004. Geographical differences in marine feeding of Atlantic salmon post-smolts in Norwegian fjords. *Journal of Fish Biology* 64(6):1655-1679.
- Rios, P. & J. Crespo. 2004. Salinity effects on the abundance of *Boeckella poopoenis* (Copepoda, Calanoida) in saline ponds in the Atacama Desert, Northern Chile. *Crustaceana* 77(4):417-424.
- Rittschof, D. & J.H. Cohen. 2004. Crustacean peptide and peptide-like pheromones and kairomones. *Peptides* 25(9):1503-1516.
- Roberts, E.C., J.C. Priscu, C. Wolf, W.B. Lyons & J. Laybourn-Parry. 2004. The distribution of microp plankton in the McMurdo Dry Valley Lakes, Antarctica: response to ecosystem legacy or present-day climatic controls? *Polar Biology* 27(4):238-249.
- Rocha-Olivares, A.J., J.W. Fleeger & D.W. Foltz. 2004. Differential tolerance among cryptic species: a potential cause of pollutant-related reductions in genetic diversity. *Environmental Toxicology and Chemistry* 23(9):2132-2137.
- Rönkkönen, S., E. Ojaveer, T. Raid & M. Viitasalo. 2004. Long-term changes in Baltic herring (*Clupea harengus membras*) growth in the Gulf of Finland. *Canadian Journal of Fisheries and Aquatic Sciences* 61(2):219-229.
- Rose, K., J.C. Roff & R.R. Hopcroft. 2004. Production of *Penilia avirostris* in Kingston Harbour, Jamaica. *Journal of Plankton Research* 26(6):605-615.
- Rossetti, G., F. Tireni & S. Tavernini. 2004. Occurrence and ecological characteristics of *Mixodiaptomus kupelwieseri* (Brehm, 1907) (Copepoda, Calanoida) in mountain water bodies of the northern Apennines, Italy. *Italian Journal of Zoology* 71(2):123-130.
- Rowlands, W.L., M. Dickey-Collas, A.J. Geffen & R.D.M. Nash. 2004. Abundances of *Metridia lucens* in the western Irish Sea. *Journal of the Marine Biological Association of the United Kingdom* 84(3):617-618.
- Rubbo, M.J. & J.M. Kiesecker. 2004. Leaf litter composition and community structure: translating regional species changes into local dynamics. *Ecology* 85(9):2519-2525.
- Ruggiero, A., A.G. Solimini & G. Carchini. 2004. Limnological aspects of an Apennine shallow lake. *Annales de Limnologie / International Journal of Limnology* 40(2):89-99.
- Saele, O., J.S. Solbakken, K. Watanabe, K. Hamre, D. Power & K. Pittman. 2004. Staging of Atlantic halibut (*Hippoglossus hippoglossus* L.) from first feeding through metamorphosis, including cranial ossification independent of eye migration. *Aquaculture* 239(1-4):445-465.
- Safiullah, A. & K. Altaff. 2004. Biochemical profile of *Heliodiaptomus viduus*, *Sinodiaptomus (Rhinediaptomus) indicus* and *Mesocyclops aspericornis* and their dietary evaluation for postlarvae of *Macrobrachium rosenbergii*. *Zoological Studies* 43(2):267-275.
- Sahib, S.S. 2004. Physico-chemical parameters and zooplankton of the Shendurni River, Kerala. *Journal of Ecobiology* 16(2):159-160.
- Sakano, H. & T. Yodo. 2004. Zooplankton prey selectivity of bluegill in small pond. *Nippon Suisan Gakkaishi* 70(3):313-317.
- Samak, O.A.A. 2004. Morphology of *Sciaenophilus pharaonis* (Copepoda: Caligidae) with a redescription of the female, infesting meager fish (*Argyrosomus regius*) in Egyptian Mediterranean waters. *Journal of the Egyptian German Society of Zoology* 43(D):43-60.
- Samak, O.A.A. 2004. Redescription of *Lernanthropus kroyeri* (Copepoda: Lernanthropidae) infesting gills of sea bass fish (*Dicentrarchus labrax*) from Egyptian Mediterranean waters. *Journal of the Egyptian German Society of Zoology* 43(D):87-104.
- Sánchez, F. & I. Olaso. 2004. Effects of fisheries on the Cantabrian Sea shelf ecosystem. *Ecological Modelling* 172(2-4):151-174.

- Sanoamuang, L. 2004. *Heliodyptomus phuthaiorum* n. sp., a new freshwater copepod (Calanoida, Diaptomidae) from temporary ponds in northeast Thailand. *International Review of Hydrobiology* 89(4):392-406.
- Santos, C. & T. Björnberg. 2004. *Choniomyzon libinia*, sp. n. (Crustacea, Copepoda, Nicothoidae) from São Sebastião, SP, Brazil. *Zootaxa* 603:1-12.
- Santos, M.D. dos & M. de C. Brasil-Sato. 2004. Parasitos metazoários de *Franciscodoras marmoratus* (Reinhardt, 1874), "Serrudo" (Siluriformes, Doradidae) do rio São Francisco, Brasil. [Metazoan parasites from *Franciscodoras marmoratus* (Reinhardt, 1874), "Serrudo" (Siluriformes: Doradidae) of the São Francisco river, Brazil.] *Revista Brasileira de Parasitologia Veterinária* 13(1):18-22. [In Portuguese; abstract in English.]
- Sarnelle, O. & R.A. Knapp. 2004. Zooplankton recovery after fish removal: Limitations of the egg bank. *Limnology and Oceanography* 49(4, part 2):1382-1392.
- Sassa, C. & K. Kawaguchi. 2004. Larval feeding habits of *Diaphus garmani* and *Myctophum asperum* (Pisces: Myctophidae) in the transition region of the western North Pacific. *Marine Ecology Progress Series* 278:279-290.
- Sassa, C., K. Kawaguchi, Y. Hirota & M. Ishida. 2004. Distribution patterns of larval myctophid fish assemblages in the subtropical-tropical waters of the western North Pacific. *Fisheries Oceanography* 13(4):267-282.
- Satapoomin, S., T.G. Nielsen & P.J. Hansen. 2004. Andaman Sea copepods: spatio-temporal variations in biomass and production, and role in the pelagic food web. *Marine Ecology Progress Series* 274:99-122.
- Sato, T. 2004. Numerical simulation of biological impact caused by direct injection of carbon dioxide in the ocean. *Journal of Oceanography* 60(4):807-816.
- Saunders, G.R. & C.G. Moore. 2004. In situ approach to the examination of the impact of copper pollution on marine meiobenthic copepods. *Zoological Studies* 43(2):350-365.
- Schabetsberger, R., G. Drozdowski, I. Drozdowski, C.D. Jersabek & E. Rott. 2004. Limnological aspects of two tropical crater lakes (Lago Biao and Lago Loreto) on the island of Bioko (Equatorial Guinea). *Hydrobiologia* 524(1):79-90.
- Schabetsberger, R. & C.D. Jersabek. 2004. Shallow males, deep females: sex-biased differences in habitat distribution of the freshwater calanoid copepod *Arctodiaptomus alpinus*. *Ecography* 27(4):506-520.
- Schmidt, S.I., H.J. Hahn, G.D. Watson, R.J. Woodbury & T.J. Hatton. 2004. Sampling fauna in stream sediments as well as groundwater using one net sampler. *Acta Hydrochimica et Hydrobiologica* 32(2):131-137.
- **Schnack-Schiel, S.B., G.S. Dieckmann, G. Kattner & D.N. Thomas. 2004. Copepods in summer platelet ice in the eastern Weddell Sea, Antarctica. *Polar Biology* 27(8):502-506.
- Schøyen, M. & S. Kaartvedt. 2004. Vertical distribution and feeding of the copepod *Chiridius armatus*. *Marine Biology* 145(1):159-165.
- Schram, T.A. 2004. Practical identification of pelagic sea lice larvae. *Journal of the Marine Biological Association of the United Kingdom* 84(1):103-110.
- Schroer, A.F., J.D. Belgers, T.C. Brock, A.M. Matser, S.J. Maund & P.J. Van den Brink. 2004. Comparison of laboratory single species and field population-level effects of the pyrethroid insecticide λ -cyhalothrin on freshwater invertebrates. *Archives of Environmental Contamination and Toxicology* 46(3):324-335.
- **Schulz, K. & S. Kwasniewski. 2004. New species of benthopelagic calanoid copepods from Kongsfjorden (Spitsbergen, Svalbard Archipelago). *Sarsia* 89(3):143-159.
- Schwab, I.R. 2004. Everyone wants a window seat. *British Journal of Ophthalmology* 88:455. [Cover editorial]
- Schwab, I.R. 2004. Flatlanders. *British Journal of Ophthalmology* 88:988. [Cover editorial.]
- Schwamborn, R., S.L.C. Bonecker, I.B. Galvão, T.A. Silva & S. Neumann-Leitão. 2004. Mesozooplankton grazing under conditions of extreme eutrophication in Guanabara Bay, Brazil. *Journal of Plankton Research* 26(9):983-992.
- Seifried, S. 2004. The importance of a phylogenetic system for the study of deep-sea harpacticoid diversity. *Zoological Studies* 43(2):435-445.
- Seuront, L., F.G. Schmitt, M.C. Brewer, J.R. Strickler & S. Souissi. 2004. From random walk to multifractal random walk in zooplankton swimming behavior. *Zoological Studies* 43(2):498-510.
- Seuront, L., H. Yamakazi & S. Souissi. 2004. Hydrodynamic disturbance and zooplankton swimming behavior. *Zoological Studies* 43(2):376-387.
- Shagin, D.A., E.V. Barsova, Y.G. Yanushevich, A.F. Fradkov, K.A. Lukyanov, Y.A. Labas, T.N. Semenova, J.A. Ugalde, A. Meyer, J.M. Nunes, E.A. Widder, S.A. Lukyanov & M.V. Matz. 2004. GFP-like proteins as ubiquitous metazoan superfamily: evolution of functional features and structural complexity. *Molecular Biology and Evolution* 21(5):841-850.
- Shahidul Islam, M. & M. Tanaka. 2004. Impacts of pollution on coastal and marine ecosystems including coastal and marine fisheries and approach for management: a review and synthesis. *Marine Pollution Bulletin* 48(7-8):624-649.
- Sheridan, C.C. & M.R. Landry. 2004. A 9-year increasing trend in mesozooplankton biomass at the Hawaii Ocean Time-series Station ALOHA. *ICES Journal of Marine Science* 61(4):457-463.
- **Shimanaga, M., H. Kitazato & Y. Shirayama. 2004. Temporal patterns in diversity and species composition

- of deep-sea benthic copepods in bathyal Sagami Bay, central Japan. *Marine Biology* 144(6):1097-1110.
- Shimode, S. & Y. Shirayama. 2004. Diel changes in vertical distribution of copepods community in Tanabe Bay, Japan. *Journal of the Marine Biological Association of the United Kingdom* 84(3):607-616.
- **Shimono, T., N. Iwasaki & H. Kawai. 2004. A new species of *Dactylopusioides* (Copepoda: Harpacticoida: Thalestridae) infesting a brown alga, *Dictyota dichotoma* in Japan. *Hydrobiologia* 523(1-3):9-15.
- Shin, S. & I.-H. Kim. 2004. *Pseudanthessius spinosus*, a new species of Copepoda (Poecilostomatoida, Pseudanthessiidae) associated with the echinoid *Clypeaster japonicus* from Korea. *Korean Journal of Biological Sciences* 8(1):13-18.
- Shushkina, E.A., M.E. Vinogradov, L.P. Lebedeva & T.A. Lukasheva. 2004. Zooplankton distribution on the shelf of the northeast Black Sea in the warm climatic period of 2000-2002. *Oceanology / Okeanologiya* 44(4):489-502.
- Sibley, P.K., M.L. Harris, K.T. Bestari, T.A. Steele, R.D. Robinson, R.W. Gensemer, K.E. Day & K.R. Solomon. 2004. Response of zooplankton and phytoplankton communities to creosote-impregnated Douglas Fir pilings in freshwater microcosms. *Archives of Environmental Contamination and Toxicology* 47(1):56-66.
- Silva, A.P., S. Neumann-Leitão, R. Schwamborn, L.M. de Oliveira Gusmão & T. de Almeida e Silva. 2004. Mesozooplankton of an impacted bay in North Eastern Brazil. *Brazilian Archives of Biology and Technology* 47(3):485-493.
- Siokou-Frangou, I., T. Shiganova, E.D. Christou, L. Kamburska, A. Gubanova, A. Konsulov, E. Musaeva, V. Skryabin & V. Khoroshilov. 2004. Mesozooplankton communities in the Aegean and Black Seas: a comparative study. *Marine Biology* 144(6):1111-1126.
- Siordia-Cermeño, M.P., L. Sánchez-Velasco, M.C. Franco-Gordo & M. Sánchez-Ramírez. 2004. Variación temporal del zooplancton, con énfasis en crustáceos, en las costas de Jalisco y Colima, México durante un ciclo anual (1996). Pp. 93-102 In: Hendrickx, M.E. (ed.). *Contribuciones al Estudio de los Crustaceos del Pacífico Este / Contributions to the Study of East Pacific Crustaceans*. Vol. 2. Instituto de Ciencias del Mar y Limnología, México D.F., Mexico. 303 pp.
- Skovgaard, A. 2004. Tumour-like anomalies on copepods may be wounds from parasites. *Journal of Plankton Research* 26(9):1129-1131.
- Slijkerman, D.M.E., D.J. Baird, A. Conrad, R.G. Jak & N.M. van Straalen. 2004. Assessing structural and functional plankton responses to Carbendazim toxicity. *Environmental Toxicology and Chemistry* 23(2):455-462.
- Sommer, U., T. Hansen, H. Stibor & O. Vadstein. 2004. Persistence of phytoplankton responses to different Si:N ratios under mesozooplankton grazing pressure: a mesocosm study with NE Atlantic plankton. *Marine Ecology Progress Series* 278:67-75.
- Sommer, U., F. Sommer, H. Feuchtmayr & T. Hansen. 2004. The influence of mesozooplankton on phytoplankton nutrient limitation: a mesocosm study with Northeast Atlantic plankton. *Protist* 155(3):295-304.
- Sorokin, P.Y., Y.I. Sorokin, R. Boscolo & O. Giovanardi. 2004. Bloom of picocyanobacteria in the Venice Lagoon during summer-autumn 2001: ecological sequences. *Hydrobiologia* 523(1-3):71-85.
- Soumare, M.K.F., J.E. Cilek & E.T. Schreiber. 2004. Prey and size preference of *Mesocyclops longisetus* (Copepoda) for *Aedes albopictus* and *Culex quinquefasciatus* larvae. *Journal of the American Mosquito Control Association* 20(3):305-310.
- Souissi, S., G. Dur, D. Devreker, F.G. Schmitt & L. Seuront. 2004. Mechanisms of maintenance of the population of the copepod *Eurytemora affinis* in the Seine estuary during a tidal cycle. *Geophysical Research Abstracts* 6, No. 07047.
- Souissi, S., J.S. Hwang, L.C. Tseng, L. Seuront, F.G. Schmitt & Q.C. Chen. 2004. Use of the copepod *Calanus sinicus* as a tracer of cold-water intrusions in the northern coast of Taiwan. *Geophysical Research Abstracts* 6, No. 05051.
- Spaak, P., A. Denk, M. Boersma & L.J. Weider. 2004. Spatial and temporal patterns of sexual reproduction in a hybrid *Daphnia* species complex. *Journal of Plankton Research* 26(6):625-635.
- Speirs, D.C., W.S.C. Gurney, S.J. Holmes, M.R. Heath, S.N. Wood, E.D. Clarke, I.H. Harms, H.-J. Hirche & E. MacKenzie. 2004. Understanding demography in an advective environment: modelling *Calanus finmarchicus* in the Norwegian Sea. *Journal of Animal Ecology* 73(5):897-910.
- Stanczak, M. & J.B. Keiper. 2004. Benthic invertebrates in adjacent created and natural wetlands in northeastern Ohio, USA. *Wetlands* 24(1):212-218.
- Stead, T.K., J.M. Schmid-Araya & A.G. Hildrew. 2004. The contribution of subsurface invertebrates to benthic density and biomass in a gravel stream. *Archiv für Hydrobiologie* 160(2):171-191.
- Steinarsdóttir, M.B. & A. Ingólfsson. 2004. *Itunella muelleri* (Harpacticoida: Canthocamptidae): a marine species with preferences for the upper part of the littoral fringe. *Journal of Crustacean Biology* 4(3):440-446.
- Stemmann, L., G.A. Jackson & G. Gorsky. 2004. A vertical model of particle size distributions and fluxes in the midwater column that includes biological and physical processes – Part II: application to a three year survey in the NW Mediterranean Sea. *Deep Sea Research Part I: Oceanographic Research Papers* 51(7):885-908.
- Stevens, C.J., D. Deibel & C.C. Parrish. 2004. Species-specific differences in lipid composition and omnivory indices in Arctic copepods collected in deep water during

- autumn (North Water Polynya). *Marine Biology* 144(5):905-916.
- Stevens, C.J., D. Deibel & C.C. Parrish. 2004. Copepod omnivory in the North Water Polynya (Baffin Bay) during autumn: spatial patterns in lipid composition. *Deep Sea Research Part I: Oceanographic Research Papers* 51(11):1637-1658.
- Stewart, A.R., S.N. Luoma, C.E. Schlekat, M.A. Doblin & K.A. Hieb. 2004. Food web pathway determines how selenium affects aquatic ecosystems: a San Francisco Bay case study. *Environmental Science and Technology* 38(17):4519-4526.
- Stibor, H., O. Vadstein, B. Lippert, W. Roederer & Y. Olsen. 2004. Calanoid copepods and nutrient enrichment determine population dynamics of the appendicularian *Oikopleura dioica*: a mesocosm experiment. *Marine Ecology Progress Series* 270:209-215.
- Stoch, F. 2004. Prime osservazioni sulla fauna delle acque carsiche sotterranee delle Alpi Carniche. *Memorie dell'Istituto Italiano di Speleologia*, S. II, 15:87-95.
- Stokstad, E. 2004. Climate change: Changes in planktonic food web hint at major disruptions in Atlantic. *Science* 305:1548-1549. [News of the Week.]
- Storey, R.G. & D.D. Williams. 2004. Spatial responses of hyporheic invertebrates to seasonal changes in environmental parameters. *Freshwater Biology* 49(11):1468-1486.
- Suárez-Morales, E. 2004. A new species of *Eucyclops* Claus (Copepoda: Cyclopoida) from Southeast Mexico with a key for the identification of the species recorded in Mexico. *Zootaxa* 617:1-18.
- Suárez-Morales, E. & R. Gasca. 2004. On the invalidity of *Strilloma* Isaac (Copepoda: Monstrilloida): observations from the type species. *Zoological Studies* 43(2):292-299.
- Suárez-Morales, E. & V.N. Ivanenko. 2004. Two new species of *Monstrillopsis* Sars (Crustacea: Copepoda: Monstrilloida) from the White Sea and Norway, with comments on *M. dubia* Scott. *Arctic* 57(1):37-46.
- Suárez-Morales, E. & N. Rayner. 2004. New records for the South African diaptomid fauna with a complementary description of *Paradiaptomus lamellatus* Sars (Copepoda, Diaptomidae). *Journal of Natural History* 38(22):2803-2819.
- Suárez-Morales, E., J.W. Reid, F. Fiers & T.M. Iliffe. 2004. Historical biogeography and distribution of the freshwater cyclopine copepods (Copepoda, Cyclopoida, Cyclopinae) of the Yucatan Peninsula, Mexico. *Journal of Biogeography* 31(7):1051-1063.
- Suárez-Morales, E. & E. Tovar. 2004. Postnaupliar stages of a thaumatopsyllid copepod from a reef area of the western Caribbean Sea. *Sarsia* 89(4):223-244.
- Sunkad, B.N. & H.S. Patil. 2004. Water quality assessment of Fort lake of Belgaum (Karnataka) with special reference to zooplankton. *Journal of Environmental Biology* 25(1):99-102.
- Svanbäck, R. & P. Eklöv. 2004. Morphology in perch affects habitat specific feeding efficiency. *Functional Ecology* 18(4):503-510.
- Swadling, K.M., A.D. McKinnon, G. De'ath & J.A.E. Gibson. 2004. Life cycle plasticity and differential growth and development in marine and lacustrine populations of an Antarctic copepod. *Limnology and Oceanography* 49(3):644-655.
- Tadonlélé, R.D., B. Pinel-Alloul, N. Bourbonnais & F.R. Pick. 2004. Factors affecting the bacteria-heterotrophic nanoflagellate relationship in oligo-mesotrophic lakes. *Journal of Plankton Research* 26(6):681-695.
- Tan, S.-h., W.-q. Cao & Y.-s. Lin. 2004. Population genetic structure of *Euchaeta concinna* (Copepoda) in the Yellow Sea and the East China Sea. *Marine Sciences* 28(4):33-38.
- Tang, D. & D.R. Newbound. 2004. A new species of copepod (Siphonostomatoida: Caligidae) parasitic on the tiger shark *Galeocerdo cuvier* (Péron & Lesueur) from Western Australian waters. *Systematic Parasitology* 58(1):69-80.
- Taniguchi, M., T. Kanehisa, T. Sawabe, R. Christen & T. Ikeda. 2004. Molecular phylogeny of *Neocalanus* copepods in the subarctic Pacific Ocean, with notes on non-geographical genetic variations for *N. cristatus*. *Journal of Plankton Research* 26(10):1249-1255.
- Tarling, G.A., R.S. Shreeve, P. Ward, A. Atkinson & A.G. Hirst. 2004. Life-cycle phenotypic composition and mortality of *Calanoides acutus* (Copepoda: Calanoida) in the Scotia Sea: a modelling approach. *Marine Ecology Progress Series* 272:165-181.
- Tartarotti, B., G. Baffico, P. Temporetti & H.E. Zagarese. 2004. Mycosporine-like amino acids in planktonic organisms living under different UV exposure conditions in Patagonian lakes. *Journal of Plankton Research* 26(7):753-762.
- Tavares, L.E.R., A.A. Bicudo & J.L. Luque. 2004. Metazoan parasites of the needlefish *Tylosurus acus* (Lacépède, 1803) (Osteichthyes: Belonidae) from the coastal zone of the state of Rio de Janeiro, Brazil. *Revista Brasileira de Parasitologia Veterinária* 13(1):36-40. [In English; abstract in Portuguese.]
- Teasdale, M., K. Vopel & D. Thistle. 2004. The timing of benthic copepod emergence. *Limnology and Oceanography* 49(3):884-889.
- Telesh, I.V. 2004. Plankton of the Baltic estuarine ecosystems with emphasis on Neva Estuary: a review of present knowledge and research perspectives. *Marine Pollution Bulletin* 49(3):206-219.
- Thatcher, V.E. & J. Pereira Júnior. 2004. *Brasilochondria riograndensis* gen. nov., sp. nov. (Copepoda, Chondracanthidae) a parasite of flounders of Rio Grande do Sul State, Brazil. *Revista Brasileira de Zoologia* 21(3):515-518. [In English; abstract in Portuguese.]
- Thum, R.A. 2004. Using 18S rDNA to resolve diaptomid copepod (Copepoda: Calanoida: Diaptomidae)

- phylogeny: an example with the North American genera. *Hydrobiologia* 519(1-3):135-141.
- Todd, C.D., A.M. Walker, M.G. Ritchie, J.A. Graves & A.F. Walker. 2004. Population genetic differentiation of sea lice (*Lepeophtheirus salmonis*) parasitic on Atlantic and Pacific salmonids: analyses of microsatellite DNA variation among wild and farmed hosts. *Canadian Journal of Fisheries and Aquatic Sciences / Journal Canadien des Sciences Halieutiques et Aquatiques* 61(7):1176-1190.
- Traas, T.P., J.H. Janse, P.J. Van den Brink, T.C.M. Brock & T. Aldenberg. 2004. A freshwater food web model for the combined effects of nutrients and insecticide stress and subsequent recovery. *Environmental Toxicology and Chemistry* 23(2):521-529.
- Treasurer, J.W. & S.L. Wadsworth. 2004. Interspecific comparison of experimental and natural routes of *Lepeophtheirus salmonis* and *Caligus elongatus* challenge and consequences for distribution of challimus on salmonids and therapeutant screening. *Aquaculture Research* 35(8):773-783.
- Tselepides, A. & N. Lampadariou. 2004. Deep-sea meiofaunal community structure in the Eastern Mediterranean: are trenches benthic hotspots? *Deep Sea Research Part I: Oceanographic Research Papers* 51(6):833-847.
- Tundisi, J.G., T. Matsumura-Tundisi, J.D. Arantes Junior, J.E.M. Tundisi, N.F. Manzini & R. Ducrot. 2004. The response of Carlos Botelho (Lobo, Broa) reservoir to the passage of cold fronts as reflected by physical, chemical, and biological variables. *Brazilian Journal of Biology* 64(1):177-186.
- Turner, J.T. 2004. The importance of small planktonic copepods and their roles in pelagic marine food webs. *Zoological Studies* 43(2):255-266.
- Udalov, A.A., I.V. Burkovskii, V.O. Mokievskii, A.P. Stolyarov, Yu.A. Mazei, M.A. Saburova, M.V. Chertoprud, E.S. Chertoprud, V.V. Il'inskii, M.Yu. Kolobov & S.A. Ponomarev. 2004. Changes in the general characteristics of micro-, meio-, and macrobenthos along the salinity gradient in the White Sea estuary. *Oceanology / Okeanologiya* 44(4):514-525.
- Urban-Malinga, B., L. Kotwicki, T. Gheskiere, K. Jankowska, K. Opaliński & M. Malinga. 2004. Composition and distribution of meiofauna, including nematode genera, in two contrasting Arctic beaches. *Polar Biology* 27(8):447-457.
- Urban-Rich, J., J.T. McCarty & M. Shailer. 2004. Effects of food concentration and diet on chromophoric dissolved organic matter accumulation and fluorescent composition during grazing experiments with the copepod *Calanus finmarchicus*. *ICES Journal of Marine Science* 61(4):542-551.
- Uriarte, I. & F. Villate. 2004. Effects of pollution on zooplankton abundance and distribution in two estuaries of the Basque coast (Bay of Biscay). *Marine Pollution Bulletin* 49(3):220-228.
- Uye, S., S. Nakai & M. Aizaki. 2004. Extremely high biomass and production of mesozooplankton in an enclosed brackish water body in Lake Nakaumi, Japan, with special reference to their potential use for mass seed production of fishes. *Zoological Studies* 43(2):165-172.
- Vadstein, O., H. Stibor, B. Lippert, K. Løseth, W. Roederer, L. Sundt-Hansen & Y. Olsen. 2004. Moderate increase in the biomass of omnivorous copepods may release grazing control of planktonic algae. *Marine Ecology Progress Series* 270:199-207.
- Valle-Levinson, A., A. Trasviña-Castro, G. Gutiérrez de Velasco & R. González-Armas. 2004. Diurnal vertical motions over a seamount of the southern Gulf of California. *Journal of Marine Systems* 50(1-2):61-77.
- Vallet, C. & J.-C. Dauvin. 2004. Spatio-temporal changes of the near-bottom mesozooplankton from the English Channel. *Journal of the Marine Biological Association of the United Kingdom* 84(3):539-546.
- Van de Putte, A., J. Maes, K. Limburg & F. Ollevier. 2004. The role of North Sea estuaries for young herring: a dynamic model for the life history of *Clupea harengus*. P. 70 In: Mees, J. & J. Seys (eds.). VLIZ Young Scientists' Day, Brugge, Belgium, 5 March 2004: book of abstracts. VLIZ Special Publication 17.
- van Wijngaarden, R.P.A., J.G.M. Cuppen, G.H.P. Arts, S.J.H. Crum, M.W. van den Hoorn, P.J. van den Brink & T.C.M. Brock. 2004. Aquatic risk assessment of a realistic exposure to pesticides used in bulb crops: a microcosm study. *Environmental Toxicology and Chemistry* 23(6):1479-1498.
- Vega-Juárez, C. & J.L. Carballo-Cenizo. 2004. Diversidad y abundancia de los crustáceos asociados a la esponja *Mycale parishi* (Bowerbank, 1875) en la bahía de Mazatlán (México, Pacífico Oriental). Pp. 153-164 In: Hendrickx, M.E. (ed.). *Contribuciones al Estudio de los Crustáceos del Pacífico Este / Contributions to the Study of East Pacific Crustaceans. Vol. 2.* Instituto de Ciencias del Mar y Limnología, México D.F., Mexico. 303 pp.
- Villate, F., I. Uriarte, X. Irigoien, G. Beaugrand & U. Cotano. 2004. Chapter 16: Zooplankton communities. *Elsevier Oceanography Series* 70:395-424.
- Vinogradov, G.M. & E.I. Musaeva. 2004. Features of the vertical zooplankton distribution over the Menez Gwen, Lost City, and Snake Pit active geothermal regions (North Atlantic). *Oceanology / Okeanologiya* 44(4):503-513.
- Voznesensky, M., P.H. Lenz, C. Spanings-Pierrot & D.W. Towle. 2004. Genomic approaches to detecting thermal stress in *Calanus finmarchicus* (Copepoda: Calanoida). *Journal of Experimental Marine Biology and Ecology* 311(1):37-46.
- Wagner, G.N. & R.S. McKinley. 2004. Anaemia and salmonid swimming performance: the potential effects of

- sub-lethal sea lice infection. *Journal of Fish Biology* 64(4):1027-1038.
- Wagner, G.N., R.S. McKinley, P.A. Bjørn & B. Finstad. 2004. Short-term freshwater exposure benefits sea lice-infected Atlantic salmon. *Journal of Fish Biology* 64(6):1593-1604.
- Walker, I. 2004. Trophic interactions within the *Utricularia* habitat in the reservoir of the Balbina hydroelectric powerplant (Amazonas, Brazil). *Acta Limnologica Brasiliensia* 16(2):183-191.
- Walker, P.D., G. Flik & S.E.W. Bonga. 2004. The biology of parasites from the genus *Argulus* and a review of the interactions with its host. *Symposia of the Society for Experimental Biology* 55:107-129; discussion 243-245.
- Walks, D.J. & H. Cyr. 2004. Movement of plankton through lake-stream systems. *Freshwater Biology* 49(6):745-759.
- Wang, R. & T. Zuo. 2004. The Yellow Sea Warm Current and the Yellow Sea Cold Bottom Water, their impact on the distribution of zooplankton in the southern Yellow Sea. *Journal of the Korean Society of Oceanography* 39(1):1-13.
- **Werner, I. & H. Auel. 2004. Environmental conditions and overwintering strategies of planktonic metazoans in and below coastal fast ice in the Gulf of Finland (Baltic Sea). *Sarsia* 89(2):102-116. [See also Errata: *Sarsia* 89(4):296-296.]
- Werner, I., H. Auel & R. Kiko. 2004. Occurrence of *Axonyx sarsi* (Amphipoda: Lysianassoidea) below Arctic pack ice: an example for cryo-benthic coupling? *Polar Biology* 27(8):474-481.
- Westcott, J.D., K.L. Hammell & J.F. Burka. 2004. Sea lice treatments, management practices and sea lice sampling methods on Atlantic salmon farms in the Bay of Fundy, New Brunswick, Canada. *Aquaculture Research* 35(8):784-792.
- Whiles, M.R., J.B. Jensen, J.G. Palis & W.G. Dyer. 2004. Diets of larval Flatwoods Salamanders, *Ambystoma cingulatum*, from Florida and South Carolina. *Journal of Herpetology* 38(2):208-214.
- Wikfors, G.H. 2004. Live feeds in marine aquaculture. *Journal of Phycology* 40(5):999-1000.
- Williams, J. 2004. Reproduction and morphology of *Polydorella* (Polychaeta: Spionidae), including the description of a new species from the Philippines. *Journal of Natural History* 38(11):1339-1358.
- Williams, J.D. & J.J. McDermott. 2004. Hermit crab biocoenoses: a worldwide review of the diversity and natural history of hermit crab associates. *Journal of Experimental Marine Biology and Ecology* 305(1):1-128.
- Winder, M. & D.E. Schindler. 2004. Climate change uncouples trophic interactions in an aquatic ecosystem. *Ecology* 85(8):2100-2106.
- Winkler, G. & W. Greve. 2004. Trophodynamics of two interacting species of estuarine mysids, *Praunus flexuosus* and *Neomysis integer*, and their predation on the calanoid copepod *Eurytemora affinis*. *Journal of Experimental Marine Biology and Ecology* 308(1):127-146.
- Wokem, G.A. 2004. Studies on physico-chemical properties of pond water in relation to zooplanktonic organisms of the ponds of Oso-Edda in Afikpo, Ebonyi State Nigeria. *Global Journal of Environmental Sciences* 2(2):82-87. [For 2003.]
- Wong, C.K. & A.P. Pak. 2004. Acute and subchronic toxicity of the heavy metals copper, chromium, nickel, and zinc, individually and in mixture, to the freshwater copepod *Mesocyclops pehpeiensis*. *Bulletin of Environmental Contamination and Toxicology* 73(1):190-196.
- Wong, D.C., R.J. Toy & P.B. Dorn. 2004. A stream mesocosm study on the ecological effects of a C¹²⁻¹⁵ linear alcohol ethoxylate surfactant. *Ecotoxicology and Environmental Safety* 58(2):173-186.
- Wong, W.H. & J.S. Levinton. 2004. Culture of the blue mussel *Mytilus edulis* (Linnaeus, 1758) fed both phytoplankton and zooplankton: a microcosm experiment. *Aquaculture Research* 35(10):965-969.
- Wu, C.-H., J.-S. Hwang & J.-S. Yang. 2004. Diets of three copepods (Poecilostomatoida) in southern Taiwan Strait. *Zoological Studies* 43(2):388-392.
- Wu, J., C. Fu, Y. Liang & J. Chen. 2004. Distribution of the meiofaunal community in a eutrophic shallow lake of China. *Archiv für Hydrobiologie* 159(4):555-575.
- Yamaguchi, A., T. Ikeda, Y. Watanabe & J. Ishizaka. 2004. Vertical distribution patterns of pelagic copepods as viewed from the predation pressure hypothesis. *Zoological Studies* 43(2):475-485.
- Yamaguchi, A., Y. Watanabe, H. Ishida, T. Harimoto, K. Furusawa, S. Suzuki, J. Ishizaka, T. Ikeda & M.M. Takahashi. 2004. Latitudinal differences in the planktonic biomass and community structure down to the greater depths in the western North Pacific. *Journal of Oceanography* 60(4):773-787.
- Yan, N.D., R. Girard, J.H. Heneberry, W.B. Keller, J.M. Gunn & P.J. Dillon. 2004. Recovery of copepod, but not cladoceran, zooplankton from severe and chronic effects of multiple stressors. *Ecology Letters* 7(6):452-460.
- Yoshida, T., T. Toda, V. Kuwahara, S. Taguchi & B.H.R. Othman. 2004. Rapid response to changing light environments of the calanoid copepod *Calanus sinicus*. *Marine Biology* 145(3):505-513.
- Zagal, C.J. 2004. Diet of the stauromedusa *Haliclystus auricula* from southern Chile. *Journal of the Marine Biological Association of the United Kingdom* 84(2):337-340.
- Zeldis, J., K. Robinson, A. Ross & B. Hayden. 2004. First observations of predation by New Zealand greenshell mussels (*Perna canaliculus*) on zooplankton. *Journal of Experimental Marine Biology and Ecology* 311(2):287-299.

- Zeller, M. & T.B.H. Reusch. 2004. Identification and characterization of 10 microsatellite primers for the calanoid freshwater copepods *Eudiaptomus gracilis* and *E. graciloides* using enriched genomic libraries. *Molecular Ecology Notes* 4(3):355-357.
- Zelmer, D.A. & H.P. Arai. 2004. Development of nestedness: host biology as a community process in parasite infracommunities of yellow perch (*Perca flavescens* (Mitchill)) from Garner Lake, Alberta. *Journal of Parasitology* 90(2):435-436.
- Zhang, W. & W.-X. Wang. 2004. Colloidal organic carbon and trace metal (Cd, Fe, and Zn) releases by diatom exudation and copepod grazing. *Journal of Experimental Marine Biology and Ecology* 307(1):17-34.
- Zhang, Y., L. Zhu, X. Zeng & Y. Lin. 2004. The biogeochemical cycling of phosphorus in the upper ocean of the East China Sea. *Estuarine, Coastal and Shelf Science* 60(3):369-379.
- Zubakha, M.A. & N.V. Usov. 2004. Optimum temperatures for common zooplankton species in the White Sea. *Russian Journal of Marine Biology / Biologiya Morya* 30(5):293-297.
- Zuenko, Yu.I. & V.V. Nadochii. 2004. A study of the upwelling effect on the mesoplankton abundance and composition in the coastal zone of the Sea of Japan. *Oceanology / Okeanologiya* 44(4):526-534.
- Laurent estuary.] M.Sc. Thesis, Université Laval, Québec City, Québec, Canada. 51 pp. [In French and English.]
- Broglio, Elisabetta. 2003. Trophic interactions between micro and mesozooplankton. Ph.D. Thesis, Universitat Politècnica de Catalunya, Barcelona, Spain.
- Bunioto, Taís Cristina. 2003. Variação temporal e distribuição horizontal do zooplâncton no lago Monte Alegre e a influência do alimento e da temperatura sobre cladóceros. [Temporal variation and horizontal distribution of the zooplankton in Lake Monte Alegre and the influence of food and temperature on cladocerans.] Dissertação de Mestrado, FFCLRP - Faculdade de Filosofia, Ciências e Letras, Universidade de São Paulo, Ribeirão Preto, São Paulo, Brazil. 96 pp. [In Portuguese.]
- Campbell, Robert W. 2003. Overwintering ecology and ecophysiology of *Neocalanus plumchrus*. Ph.D. Dissertation, University of Victoria, British Columbia, Canada. 131 pp.
- Clarke, Lance R. 2003. Predators, competitors, and prey: Trophic-level interactions affecting kokanee in Pend Oreille Lake, Idaho. Ph.D. Thesis, University of Idaho, Moscow, Idaho, U.S.A. 128 pp.
- Darchambeau, François. 2003. Responses of zooplankton to variation in elemental composition of algae: regulations at individual and ecosystem levels. Ph.D. Dissertation, Facultés Universitaires Notre-Dame de la Paix, Namur, Belgium. 180 pp.
- De los Ríos, Patricio. 2003. Availability effects of energetic, structural and protection resources on distribution and abundances of zooplanktonic cladocerans and copepods in Chilean lakes. Ph.D. Dissertation, Instituto de Acuicultura, Universidad Austral de Chile, Valdivia, Chile. 103 pp.
- Duque, Guillermo. 2004. Influence of the marsh edge on the structure and trophic ecology of the fish and macroinvertebrate community in a Louisiana estuarine ecosystem. Ph.D. Thesis, Louisiana State University, Baton Rouge, Louisiana, U.S.A.
- Feuchtmayr, Heidrun. 2004. Mesozooplankton impacts on lower trophic levels from freshwater, marine and brackish systems in spring – a comparative study. Dissertation zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Christian-Albrechts-Universität zu Kiel, Kiel, Germany.
- García-Vásquez, Adriana. 2003. Metazoarios parásitos de la lisa, *Mugil curema*, como indicadores de contaminación en dos sistemas lagunares estuarinos al sureste del Golfo de California (Urías y Teacapán) Sinaloa, México. [Metazoan parasites of the mullet, *Mugil curema*, as indicators of contamination in two estuarine lagoon systems southeast of the Gulf of California (Urías and Teacapán), Sinaloa, Mexico.] Tesis de Maestría en Ciencias, Centro de Investigación en Alimentación y

RECENT THESES and DISSERTATIONS

- Andersson, Markus. 2002. Astaxanthin production in calanoid copepods grazing on different phytoplankton communities. Undergraduate Thesis, Uppsala University, Uppsala, Sweden.
- Bellucci, Joel L. 2004. The effects of seasonal change on copepods and euphausiids off the western Antarctic Peninsula: results from biochemical assays and respiration studies. M.S. Thesis, University of South Florida, Tampa, Florida, U.S.A.
- Bhattarai, Shivaraj R. 2004. Limnology of lentic ecosystems of Bhutan with emphasis on biodiversity of zooplankton. Ph.D. Thesis, North-Eastern Hill University, Shillong, India. 281 pp.
- Boronat-Chirivella, Maria Dolores. 2003. Distribución de los microcrustáceos en lagunas de Castilla-La Mancha. Ciclos estacionales y migración vertical en lagunas cársticas estratificadas. [Distribution of the microcrustaceans in lagoons of Castilla-La Mancha. Seasonal cycles and vertical migration in stratified karstic lagoons.] Ph.D. Thesis, University of Valencia, Valencia, Spain. [In Spanish.]
- Bourque, Jean-François. 2003. Impact d'un cestode intestinal sur la croissance et la distribution verticale des larves d'éperlan arc-en-ciel (*Osmerus mordax*) de l'estuaire moyen du Saint-Laurent. [Impact of an intestinal cestode on growth and vertical distribution of larvae of the rainbow smelt (*Osmerus mordax*) of the middle Saint-

- Desarrollo/Unidad Mazatlán en Acuicultura y Manejo Ambiental, Mazatlán, Sinaloa, Mexico. [In Spanish.]
- Griffin, Sandra Lenore. 2003. Interactions between zooplankton grazers and phytoplankton as part of the energy and nutrient dynamics in the Swan River Estuary, Western Australia. Ph.D. Thesis, Curtin University of Technology, Perth, Australia. 185 pp. + appendices.
- Gulbrandsen, Jon. 2003. Larviculture ecology: Interactions between zooplankton and Atlantic halibut larvae (*Hippoglossus hippoglossus* L.). Ph.D. Thesis, University of Bergen, Bergen, Norway. 112 pp.
- Gusmão, Luiz Felipe Mendes de. 2004. Efeitos do cobre e cromo na comunidade zooplanctônica: um estudo experimental em mesocosmos. [Effects of copper and chromium on the zooplankton community: an experimental mesocosm study.] Dissertação de Mestrado, EESC - Escola de Engenharia de São Carlos, University of São Paulo, São Carlos, Brazil. 268 pp. [In Portuguese; abstract in English.]
- Hansen, K.E. 2003. Effects of dietary fatty acids on the reproductive success of *Temora longicornis*. M.Sc. Thesis, Københavns Universitet og Danmarks Fiskeriundersøgelser, Copenhagen, Denmark. 35 pp.
- Helland, Synnøve. 2003. Free amino acid and protein dynamics in *Artemia* spp., *Temora longicornis* and *Calanus finmarchicus*. Dr. Scient. Thesis, University of Bergen, Bergen, Norway. 144 pp.
- Henjes, Joachim. 2004. Response of the proto- and small metazooplankton assemblage during an iron fertilization experiment in the Polar Frontal Zone of the Southern Ocean. Ph.D. Dissertation, Bremen University, Bremen, Germany.
- Jaser, Wolfgang. 2003. Effekte von 17 α -Ethinylestradiol und Trenbolon auf das Zooplankton aquatischer Modellökosysteme. [Effects of 17 α -ethinylestradiol and trenbolone on the zooplankton of aquatic model ecosystems.] Ph.D. Thesis, Technische Universität München, Munich, Germany. 176 pp. + appendices. [In German; abstract in English.]
- Kiesling, Traci L. 2004. Species analysis of copepod nauplii in Florida Bay using molecular techniques. Ph.D. Thesis, University of Miami, Miami, Florida, U.S.A. 195 pp.
- Kozłowski-Suzuki, Betina. 2004. Effects of toxin-producing phytoplankton on copepods: feeding, reproduction and implications to the fate of toxins. Ph.D. Thesis, Lund University, Helsingborg, Sweden.
- Kurihara, Haruko. 2004. Effects of raised concentration of CO₂ on marine organisms. Ph.D. Thesis, Kyoto University, Kyoto, Japan. 136 pp.
- Luzia, Anna Paula. 2004. Limnologia e grau de trofia dos reservatórios em cascata do rio Tietê (médio e baixo Tietê, São Paulo). [Limnology and degree of trophic of the cascade reservoirs of the Tietê River (Middle and Lower Tietê, São Paulo).] Dissertação de Mestrado, EESC - Escola de Engenharia de São Carlos, University of São Paulo, São Carlos, Brazil. 101 pp. [In Portuguese; abstract in English.]
- Møller, Eva F. 2004. Roles of arctic marine copepods in the pelagic carbon turnover. Ph.D. Thesis, University of Aarhus, Aarhus, Denmark. 166 pp.
- Newbound, Dennyse. 2004. Co-evolution of copepods ectoparasitic on sharks. Ph.D. Thesis, University of Western Australia, Nedlands, Western Australia.
- Rhodes, Adelaide. 2004. Marine harpacticoid copepod culture for the production of long chain high unsaturated fatty acids and carotenoid pigments. Ph.D. Dissertation, North Carolina State University, Raleigh, North Carolina, U.S.A.
- Rivas-Salas, Ana. 2003. Ciclo de vida de *Lepeophtheirus simplex* Ho, Gómez y Fajer-Ávila, 2001 (Copepoda: Caligidae) parásito del botete diana *Spherooides annulatus* (Jennys, 1842). [Life cycle of *Lepeophtheirus simplex* Ho, Gómez and Fajer-Ávila, 2001 (Copepoda: Caligidae) parasite of the bullseye puffer *Spherooides annulatus* (Jennys, 1842).] Tesis de Maestría en Ciencias, Centro de Investigación en Alimentación y Desarrollo/Unidad Mazatlán en Acuicultura y Manejo Ambiental, Mazatlán, Sinaloa, Mexico. [In Spanish.]
- Sivars Becker, Lena. 2004. Food and parasites – life-history decisions in copepods. Doctoral Thesis, Uppsala University, Uppsala, Sweden. 40 pp. ISBN: 91-554-5971-4. Acta Universitatis Upsaliensis, Comprehensive Summaries of Uppsala Dissertations from the Faculty of Science and Technology No. 979. ISSN 1104-232X.
- Smith, Johanna. 2004. La pathogénie du parasite crustacé, *Lernaeocera branchialis* (Linné, 1769) sur ses hôtes pisciaires. [Pathogenesis of the crustacean parasite *Lernaeocera branchialis* (Linné, 1769) on its fish hosts.] Thèse d'Exercice: Médecine vétérinaire, Université Paul Sabatier, Toulouse 3, Toulouse, France. 126 pp. [In French.]
- Stevens, Catherine. 2003. Lipid-based assessments of omnivory in arctic copepods. Ph.D. Thesis, Memorial University of Newfoundland, St. Johns, Newfoundland, Canada. 209 pp.
- Ünal, E. 2002. Seasonality of zooplankton in the southern Black Sea and genetics of *Calanus euxinus* (Copepoda). M. Sc. Thesis, Middle East Technical University, Ankara, Turkey. 214 pp.
- Utz, Laura Roberta Pinto. 2004. Identification, life history, and ecology of Peritrich ciliates as epibionts on calanoid copepods in the Chesapeake Bay. Ph.D. Thesis, University of Maryland, College Park, Maryland, U.S.A. 187 pp.
- Van Nieuwerburgh, Lies. 2004. Experimental studies on the regulation of pigment dynamics in phytoplankton and copepods by dissolved inorganic nutrients. Doctoral Thesis, Uppsala University, Uppsala, Sweden. 34 pp. Acta Universitatis Upsaliensis, Comprehensive

- Summaries of Uppsala Dissertations from the Faculty of Science and Technology No. 968. ISSN 1104-232X.
- Wagner, Glenn Nick. 2003. Assessing the physiological impact of sea lice (*Lepeophtheirus salmonis* Kroyer) on Atlantic salmon (*Salmo salar* L.). Ph.D. Thesis, University of British Columbia, Vancouver, British Columbia, Canada. 113 pp.
- Wänstrand, Ingrid. 2004. Pigment and thiamine dynamics in marine phytoplankton and copepods. Ph.D. Thesis, Uppsala University, Sweden. Acta Universitatis Upsaliensis, Comprehensive Summaries of Uppsala Dissertations from the Faculty of Science and Technology, ISSN 1104-232X, 1016. 38 pp.
- Warner, David. 2002. The role of *Cercopagis pengoi* in nearshore areas of Lake Ontario. Ph.D. Dissertation, Cornell University, Ithaca, New York, U.S.A.
- Wojtaszek, Barbara F. 2004. In situ investigation of the effects of Vision® and Release® silvicultural herbicides on plankton and larval amphibians. Ph.D. Dissertation, University of Guelph, Guelph, Ontario, Canada. 253 pp.
- Zöllner, Eckart. 2004. Structuring effects of mesozooplankton on freshwater and marine microbial food webs. Ph.D. Dissertation, Christian-Albrechts-Universität, Kiel, Germany.

***** Titles received by the Monoculus-Library are indicated by asterisks. *****