

PAFFENHÖFER, GUSTAV-ADOLF
Professor of Oceanography

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Education:

1968 Dr.rer.nat., Justus-Liebig Universität at Giessen, Germany
(magna cum laude), Title of doctorate thesis: "Food uptake, metabolism and energy budget of the marine hydroid polyp *Clava multicornis* FORSKAL".

Experience:

1992- Professor of Oceanography, Skidaway Institute of Oceanography
Adjunct Professor, School of Marine Sciences, Institute of Ecology, University of Georgia

1991-1992 Associate Program Director, Biological Oceanography, Division of Ocean Sciences, National Science Foundation

1982-1991 Professor of Oceanography, Skidaway Institute of Oceanography
Adjunct Associate Professor, Department of Zoology, Institute of Ecology, University of Georgia

1977-1982 Associate Professor, Skidaway Institute of Oceanography
Adjunct Assistant Professor, Department of Zoology, Institute of Ecology, University of Georgia

1974-1977 Assistant Professor, Skidaway Institute of Oceanography

1970-1974 Research Biologist, Biologische Anstalt Helgoland

1968-1970 Post-graduate Research Zoologist, Food Chain Research Group, Scripps Institution of Oceanography

Professional Activities:

President - World Association of Copepodologists 1993-1996

Advisor - Marine Ecology Progress Series 1979-1992

Editorial Board - Journal of Plankton Research 1979-2004
- South African Journal of Marine Science 1987-2003
- Scientia Marina 1989-2003

Convener (with H.J. Price): Symposium on Zooplankton Behavior, AGU/ASLO Ocean Sciences Meeting, New Orleans, LA, 24 January 1984

Convener (with H.J. Price): Zooplankton Behavior Symposium, Savannah, GA, 13-16 April 1987

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Professional Activities – continued -

Convener (with M.E. Huntley and C.S. Davis): Marine Zooplankton Colloquium 1, Lake Arrowhead, CA, 17-21 April 1988

Convener (with J.R. Strickler and S. Richman): Zooplankton Ecology Symposium, Appleton, WI, 21-25 August 1991

Convener: U.S. GLOBEC Workshop on Optics Technology, Savannah, GA, 20-22 February 1992

Convener (with E.E. Hofmann): U.S. GLOBEC Workshop on Secondary Production Modeling, Savannah, GA, 23-25 February 1993

Convener: Marine Zooplankton Colloquium 2, Savannah, GA, 8-10 February 1999

Convener (with A. Ianora): International Workshop on Diatom-Copepod Interactions, Ischia, Italy, 3-6 November 2002.

Convener and chairman of numerous sessions at Ocean Sciences Meetings of AGU/ASLO since 1982

Editor (with H.J. Price): Zooplankton Behavior Symposium, Savannah, GA, 13-16 April, 1987, *Bulletin Marine Science* **43**, 1988

Editor (with P.L. Donaghay, J.R. Strickler and S. Richman): Zooplankton Ecology Symposium, Appleton, WI 21-25 August 1991, *Bulletin Marine Science* 53: 1-278, 1993.

Chief Scientist on extended oceanographic cruises from 1976 to 2005 (R/V Blue Fin, R/V Cape Florida, R/V Cape Hatteras, R/V Gillis, R/V Edwin Link, R/V Columbus Iselin, R/V Endeavor, R/V Savannah)

Awards: 1990, Fellow, American Association for the Advancement of Science

Graduate Students (Ph.D): D.R. Deibel (1979); H.J. Price (1985); M.H. Bundy (1994), D.M. Gibson (2000)

Graduate Advisors of G.-A. Paffenhöfer: W.E. Ankel, O. Kinne

Postdoctoral Advisor and Mentor: J.D.H. Strickland

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Professional Societies:

World Association of Copepodologists

American Society of Limnology and Oceanography

American Association for the Advancement of Science

American Geophysical Union

Publications:

- 1965 Kinne, O. and G.-A. Paffenhöfer. Hydranth structure and digestion rate as a function of temperature and salinity in *Clava multicornis* (Cnidaria, Hydrozoa). Helgolander wiss. Meeresunters. 12:329-341.
- 1966 Kinne, O. and G.-A. Paffenhöfer. Growth and reproduction of temperature and salinity in *Clava multicornis* (Cnidaria, Hydrozoa). Helgolander wiss. Meeresunters. 16:130-135.
- 1967 Paffenhöfer, G.-A. Caloric content of larvae of the brine shrimp, *Artemia salina*. Helgolander wiss. Meeresunters. 16:130-135.
- 1968 Paffenhöfer, G.-A. Nahrungsaufnahme, Stoffumsatz und Energiehaushalt des marinen Hydroidpolypen *Clava multicornis*. Helgolander wiss. Meeresunters. 18:1-44.
- 1968 Paffenhöfer, G.-A. and H. Rosenthal. Trockengewicht und Kaloriengehalt sich entwickelnder Heringseier. Helgolander wiss. Meeresunters. 18: 45-52.
- 1970 Paffenhöfer, G.-A. Cultivation of *Calanus helgolandicus* under controlled conditions. Helgolander wiss. Meeresunters. 20:346-359.
- 1970 Paffenhöfer, G.-A. and J.D.H. Strickland. A note on the feeding of *Calanus helgolandicus* on detritus. Mar. Biol. 5:97-99.
- 1970 Lee, R.F., J.C. Nevenzel and G.-A. Paffenhöfer. Wax esters in marine copepods. Science 167:1508-1510.
- 1970 Lee, R.F., J.C. Nevenzel, G.-A. Paffenhöfer and A.A. Benson. The metabolism of wax esters and other lipids by the marine copepod, *Calanus helgolandicus*. J. Lipid Res. 11:237-240.
- 1971 Paffenhöfer, G.-A. Einfluss von "Rotschlamm" auf Mortalität und Körpergewicht von Jugendstadien des marinen planktischen Copepoden *Calanus helgolandicus*. Naturwissenschaften 12:625.

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Publications –continued–

- 1971 Lee, R.F., J.C. Nevenzel and G.-A. Paffenhöfer. Importance of wax esters and other lipids in the marine food chain: Phytoplankton and copepods. *Mar. Biol.* 9:99-108.
- 1971 Paffenhöfer, G.-A. Grazing and ingestion rates of nauplii, copepodids and adults of the marine planktonic copepod *Calanus helgolandicus*. *Mar. Biol.* 11:286-298.
- 1972 Paffenhöfer, G.-A. The effects of suspended "Red Mud" on mortality, body weight, and growth of the marine planktonic copepod, *Calanus helgolandicus*. *Water, Air and Soil Poll.* 1:314-321.
- 1972 Rosenthal, H. and G.-A. Paffenhöfer. On the digestion rates and calorific content of food and feces in young gar fish. *Naturwissenschaften* 6:274-275.
- 1972 Lee, R.F., J.C. Nevenzel and G.-A. Paffenhöfer. The presence of wax esters in marine planktonic copepods. *Naturwissenschaften* 59:406-411.
- 1973 Paffenhöfer, G.-A. The cultivation of an appendicularian through numerous generations. *Mar. Biol.* 2:183-185.
- 1976 Paffenhöfer, G.-A. Continuous and nocturnal feeding of the marine planktonic copepod *Calanus helgolandicus*. *Bull. Mar. Sci.* 26(1):49-58.
- 1976 Paffenhöfer, G.-A. Feeding, growth and food conversion of the marine planktonic copepod *Calanus helgolandicus*. *Limnol. Oceanogr.* 21(1):39-50.
- 1976 Paffenhöfer, G.-A. On the biology of appendicularia of the southeastern North Sea. The 10th European Symposium on Marine Biology, Ostend, Belgium, September 17-23, 1975. Vol. 2, 437-455 p.
- 1976 Paffenhöfer, G.-A. and R.P. Harris. Feeding growth and reproduction of the marine planktonic copepod *Pseudocalanus elongatus* Boeck. *J. Mar. Biol. Ass. U.K.* 56:327-344.
- 1976 Harris, R.P. and G.-A. Paffenhöfer. Feeding, growth and reproduction of the marine planktonic copepod *Temora longicornis* Muller. *J. Mar. Biol. Ass. U.K.* 56:675-690.
- 1976 Harris, R.P. and G.-A. Paffenhöfer. The effect of food concentration on cumulative ingestion and growth efficiency of two small marine planktonic copepods. *J. Mar. Biol. Ass. U.K.* 56:875-888.

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Publications – continued -

- 1978 Paffenhöfer, G.-A. and S.C. Knowles. Laboratory experiments on feeding, growth, and fecundity of and effects of cadmium on *Pseudodiaptomus*. Bull. Mar. Sci. 28:574-580.
- 1978 Paffenhöfer, G.-A. Concentrations of particulate matter in the Northfrisian Wadden Sea. Helgolander wiss. Meresunters. 31:367-379.
- 1978 Paffenhöfer, G.-A. and S.C. Knowles. The feeding of marine planktonic copepods on mixed phytoplankton. Mar. Biol. 48:143-152.
- 1978 Atkinson, L.P., G.-A. Paffenhöfer and W.M. Dunstan. The chemical and biological effect of a Gulf Stream intrusion off St. Augustine, Florida. Bull. Mar. Sci. 28(4):667-679.
- 1979 Paffenhöfer, G.-A. and S.C. Knowles. Ecological implications of fecal pellet size, production, and consumption by copepods. J. Mar. Res. 37:35-49.
- 1979 Paffenhöfer, G.-A. and R.P. Harris. Laboratory culture of marine holozooplankton. Adv. Mar. Biol. 16:211-308.
- 1980 Alcaraz, M., G.-A. Paffenhöfer and J.R. Strickler. Catching the algae: A first account of visual observations on filter-feeding calanoids. In: W.C. Kerfood (ed.). The evolution and ecology of zooplankton communities. Univ. Press, New England.
- 1980 Paffenhöfer, G.-A., D. Deibel, L.P. Atkinson, and W.M. Dunstan. The relation of concentration and size distribution of suspended particulate matter to hydrography in Onslow Bay, North Carolina. Deep-Sea Res. 27:435-448.
- 1980 Paffenhöfer, G.-A. Zooplankton distribution as related to summer hydrographic conditions in Onslow Bay, North Carolina. Bull. Mar. Sci. 30:819-832.
- 1980 Bishop, S.S., J.A. Yoder, and G.-A. Paffenhöfer. Phytoplankton and nutrient variability along a cross-shelf transect off Savannah. Est. Coast. Mar. Sci. 11:359-368.
- 1980 Paffenhöfer, G.-A. and S.C. Knowles. Omnivorousness in marine planktonic copepods. J. Plankton Res. 2:355-365.
- 1981 Hofmann, E.E., J.M. Klinck and G.-A. Paffenhöfer. Concentrations and vertical fluxes of fecal pellets on a continental shelf. Mar. Biol. 62:327-335.

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Publications – continued -

- 1981 Yoder, J.A., L.P. Atkinson, J.O. Blanton, D.R. Deibel, D.W. Menzel and G.-A. Paffenhöfer. Plankton dynamics of the southeastern shelf. *Science* 214:352-353.
- 1982 Paffenhöfer, G.-A. Grazing by copepods in the Peru upwelling. *Deep-Sea Res.* 29:145-146.
- 1982 Paffenhöfer, G.-A., J.R. Strickler and M. Alcaraz. Suspension-feeding by herbivorous calanoid copepods: A cinematographic study. *Mar. Biol.* 67:193-199.
- 1982 Gardner, W.S. and G.-A. Paffenhöfer. Nitrogen regeneration by the subtropical marine copepod *Eucalanus pileatus*. *J. Plankton Res.* 4:725-734.
- 1983 Price, H.J., G.-A. Paffenhöfer and J.R. Strickler. Modes of cell capture in calanoid copepods. *Limnol. Oceanogr.* 28:116-123.
- 1983 Paffenhöfer, G.-A. Vertical zooplankton distribution on the northeastern Florida shelf and its relation to temperature and food abundances. *J. Plankton Res.* 5:15-33.
- 1984 Paffenhöfer, G.-A. Does *Paracalanus* feed with a leaky sieve? *Limnol. Oceanogr.* 29:155-160.
- 1984 Paffenhöfer, G.-A., and W.S. Gardner. Ammonium release by juveniles and adult females of the subtropical marine copepod *Eucalanus pileatus*? *J. Plankton Res.* 6:505-513.
- 1984 Paffenhöfer, G.-A. Food ingestion by the marine planktonic copepod *Paracalanus* in relation to abundance and size distribution of food. *Mar. Biol.* 80:323-333.
- 1984 Paffenhöfer, G.-A.. Calanoid copepod feeding: Grazing on small and large particles. Pages 75-95 In: D.G. Meyers and J.R. Strickler (eds.) *Trophic Interactions Within Aquatic Ecosystems*, AAAS Selected Symposium 85. Westview Press, Boulder, Colorado.
- 1984 Paffenhöfer, G.-A., B.T. Wester and W.D. Nicholas. Zooplankton abundance in relation to state and type of intrusion on the southeastern United States shelf during summer. *J. Mar. Res.* 42:995-1017.
- 1984 Atkinson, L.P., P.G. O'Malley, J.A. Yoder and G.-A. Paffenhöfer. The effect of summertime shelfbreak upwelling on nutrient flux in southeastern United States continental shelf water. *J. Mar. Res.* 42:969-993.

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Publications – continued -

- 1984 Price, H.J. and G.-A. Paffenhöfer. Effects of feeding experience in the copepod *Eucalanus pileatus*: A cinematographic study. Mar. Biol. 84:35-40.
- 1985 Paffenhöfer, G.-A. The abundance and distribution of zooplankton on the southeastern shelf of the United States. Pages 104-117 In: L.P. Atkinson, D.W. Menzel and K.A. Bush (eds.), Oceanography of the Southeastern U.S. Continental Shelf. AGU, Washington, DC.
- 1985 Vanderploeg, H.A. and G.-A. Paffenhöfer. Modes of algal capture by the freshwater copepod *Diaptomus sicilis* and their relation to food size selection. Limnol. Oceanogr. 30:87-885.
- 1985 Paffenhöfer, G.-A. and K.B. Van Sant. The feeding response of a marine planktonic copepod to quantity and quality of particles. Mar. Ecol. Progr. Ser. 27:55-65.
- 1985 Price, H.J. and G.-A. Paffenhöfer. Perception of food availability by calanoid copepods. In: W. Lampert (ed.), Food Limitation and the Structure of Zooplankton Communities. Symposium Proceedings, Plön, West Germany. Archiv. Hydrobiol., Ergebn. Limnol. 21:115-124.
- 1986 Price, H.J. and G.-A. Paffenhöfer. Capture of small cells by the copepod *Eucalanus elongatus*. Limnol. Oceanogr. 31:189-194.
- 1986 Price, H.J. and G.-A. Paffenhöfer. Effects of concentration on the feeding of a marine copepod in algal monocultures and mixtures. J. Plank. Res. 8:119-128.
- 1986 Paffenhöfer, G.-A. and J.D. Orcutt, Jr. Feeding, growth and food conversion of the marine cladoceran *Penilia avirostris*. J. Plankton Res. 8:741-754.
- 1986 Sherr, E.B., B.F. Sherr and G.-A. Paffenhöfer. Phagotrophic protozoa as food for metazoans: A "missing" trophic link in marine pelagic food webs? Marine Microbial Food Webs 1:61-80.
- 1987 Paffenhöfer, G.-A. and T.N. Lee. Development and persistence of patches of thaliacea. South African Journal of Marine Science 5:305-318.
- 1987 Paffenhöfer, G.-A., L.P. Atkinson, J.O. Blanton, T.N. Lee, L.R. Pomeroy and J.A. Yoder. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Introduction. Prog. Oceanogr. 19:221-230.

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Publications – continued -

- 1987 Atkinson, L.P., T.N. Lee, J.O. Blanton and G.-A. Paffenhöfer. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Hydrographic observations. *Prog. Oceanogr.* 19:231-266.
- 1987 Paffenhöfer, G.-A. and T.N. Lee. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Distribution and abundance of particulate matter. *Prog. Oceanogr.* 19:373-401.
- 1987 Paffenhöfer, G.-A., B.K. Sherman and T.N. Lee. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Abundance, distribution and patch formation of zooplankton. *Prog. Oceanogr.* 19:403-436.
- 1987 Paffenhöfer, G.-A., L.P. Atkinson, J.O. Blanton, T.N. Lee, L.R. Pomeroy and J.A. Yoder. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Summary and conclusions. *Prog. Oceanogr.* 19:437-441.
- 1987 Pomeroy, L.R., G.-A. Paffenhöfer and J.A. Yoder. Summer upwelling on the southeastern continental shelf of the U.S.A. during 1981: Interaction of phytoplankton, zooplankton and microorganisms. *Prog. Oceanogr.* 19:353-372.
- 1988 Paffenhöfer, G.-A. and D.E. Stearns. Why is *Acartia tonsa* (Copepoda: Calanoida) restricted to nearshore environments? *Mar. Ecol. Prog. Ser.* 42:33-38.
- 1988 Paffenhöfer, G.-A. and H.J. Price. Zooplankton Behavior Symposium. Preface. *Bull. Mar. Sci.* 43:325-326.
- 1988 Deibel, D. and G.-A. Paffenhöfer. Cinematographic analysis of the feeding mechanism and escape response of *Doliolum nationalis*. *Bull. Mar. Sci.* 43:404-412.
- 1988 Vanderploeg, H.A., G.-A. Paffenhöfer and J.R. Liebig. Diaptomus vs. net plankton: Roles of algal size and morphology in grazing avoidance. *Bull. Mar. Sci.* 43:377-394.
- 1988 Paffenhöfer, G.-A. Feeding rates and behavior of zooplankton. *Bull. Mar. Sci.* 43:430-445.
- 1988 Price, H.J., G.-A. Paffenhöfer, C.M. Boyd, T.J. Cowles, P.L. Donaghay, W.M. Hamner, W. Lampert, L.B. Quetin, R.M. Ross, J.R. Strickler and M.J. Youngbluth. Future studies of zooplankton behavior. Questions and technological developments. *Bull. Mar. Sci.* 43:853-872.

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Publications – continued -

- 1989 Marine Zooplankton Colloquium 1. Future marine zooplankton research – a perspective. *Mar. Ecol. Prog. Ser.* 55:197-206.
- 1989 Paffenhöfer, G.-A. and K.D. Lewis. Feeding behavior of nauplii of the genus *Eucalanus* (Copepoda, Calanoida). *Mar. Ecol. Prog. Ser.* 57:129-136.
- 1990 Vanderploeg, H.A., G.-A. Paffenhöfer and J.R. Liebig. Concentration-variable interactions between calanoid copepods and particles of different food quality: Observations and hypotheses. In: R.N. Hughes (ed.). Behavioral mechanisms of food selection. NATO ASI Series, Vol. G 20, Springer-Verlag, Heidelberg, New York, pp. 595-613.
- 1990 Paffenhöfer, G.-A. and K.D. Lewis. Perceptive performance and feeding behavior of calanoid copepods. *J. Plankton Res.* 12:933-946.
- 1991 Paffenhöfer, G.-A., T.B. Stewart, M.J. Youngbluth and T.G. Bailey. High resolution vertical profiles of pelagic tunicates. *J. Plankton Res.* 13:971-981.
- 1991 Paffenhöfer, G.-A. Some characteristics of abundant subtropical copepods in estuarine, shelf and oceanic waters. *Bull. Plankton Soc. Japan, Special Volume:* 201-216.
- 1992 Saiz, E., M. Alcaraz and G.-A. Paffenhöfer. Effects of small-scale turbulence on feeding rate and gross-growth efficiency of three *Acartia* species (Copepoda:Calanoida). *J. Plankton Res.* 14:1085-1097.
- 1992 Schulze, P.C., J.R. Strickler, B.I. Bergström, M.S. Berman, P.L. Donaghay, S. Gallager, J.F. Haney, B.R. Hargreaves, U. Kils, G.-A. Paffenhöfer, S. Richman, H.A. Vanderploeg, W. Welsh, D. Wetthey and J. Yen. Video systems for *in situ* studies of zooplankton. *Arch. Hydrobiol. Beih. Ergebn. Limnol.* 36:1-21.
- 1993 Paffenhöfer, G.-A. On the ecology of marine cyclopoid copepods (Crustacea, Copepoda, Cyclopoida). *J. Plankton Res.* 15:37-55.
- 1993 Saiz, E., P. Tiselius, P.R. Jonsson, P. Verity and G.-A. Paffenhöfer. Effects of predation and food patchiness on the egg production of the marine copepod *Acartia tonsa*. *Limnol. Oceanogr.* 38:280-289.

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Publications – continued -

- 1993 Pomeroy, L.R., J.O. Blanton, G.-A. Paffenhöfer, K.L. von Damm, P.G. Verity, H.L. Windom and T.N. Lee. Inner shelf processes. In: Ocean Processes: U.S. Southeast Continental Shelf. D.W. Menzel, ed., U.S. Dept. of Energy, pp. 9-43.
- 1993 Verity, P.G., T.N. Lee, J.A. Yoder, G.-A. Paffenhöfer, J.O. Blanton and C.R. Alexander. Outer shelf processes. In: Ocean Processes: U.S. Southeast Continental Shelf. D.W. Menzel, ed., U.S. Dept. of Energy, pp. 45-74.
- 1994 Paffenhöfer, G.-A. Variability in the feeding activity of individual copepods. *J. Plankton Res.* 16: 617-626.
- 1994 Bundy, M.H. and G.-A. Paffenhöfer. The innervation of copepod antennules investigated using laser scanning confocal microscopy. *Mar. Ecol. Prog. Ser.* 102: 1-14.
- 1994 Paffenhöfer, G.-A., L.P. Atkinson, T.N. Lee, J. O. Blanton, B.K. Sherman and T.B. Stewart. Variability of particulate matter and abundant zooplankton off the southeastern U.S. during Spring of 1984 and 1985. *Cont. Shelf Res.* 14: 629-654.
- 1995 Paffenhöfer, G.-A., L.P. Atkinson, T.N. Lee, P.G. Verity and L.R. Bulluck, III. Distribution and abundance of thaliaceans and copepods off the southeastern U.S. during winter. *Cont. Shelf Res.* 15:255-280.
- 1995 Paffenhöfer, G.-A., M.H. Bundy, K.D. Lewis and C. Metz. Rates of ingestion and their variability of individual calanoid copepods: Direct observations. *J. Plankton Res.* 17:1573-1585.
- 1996 Bundy, M.H. and G.-A. Paffenhöfer. Analysis of flow fields associated with freely swimming calanoid copepods. *Mar. Ecol. Prog. Ser.* 133: 99-113.
- 1996 Paffenhöfer, G.-A., J.R. Strickler, K.D. Lewis and S. Richman. Motion behavior of nauplii and early copepodid stages of marine planktonic copepods. *Journal of Plankton Research.* 18: 1699-1715.
- 1996 Verity, P.G. and G.-A. Paffenhöfer. On quantification of feeding rates of zooplankton. *J. Plankton Research.* 18: 1767-1779.

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Publications – continued -

- 1996 Verity, P.G., G.-A. Paffenhöfer, D. Wallace, E. Sherr and B. Sherr. Composition and biomass of plankton in spring on the Cape Hatteras Shelf, with implications for carbon flux. *Cont. Shelf Res.* 16: 1087-1116.
- 1997 Bundy, M.H. and G.-A. Paffenhöfer. The innervation of the setae on the appendages of the nauplius of *Eucalanus pileatus* Giesbrecht. *Mar. Freshw. Behav. Physiol.* 30:195-207.
- 1998 Paffenhöfer, G.-A. On the relation of structure, perception and activity in marine planktonic copepods. *J. Mar. Syst.* 15: 457-473
- 1998 Mazzocchi, M.G. and G.-A. Paffenhöfer. Observations on the biology of *Clausocalanus furcatus* (Copepoda, Calanoida). *J. Plankton Res.* 20: 331-342.
- 1998 Paffenhöfer, G.-A. Heterotrophic protozoa and small metazoa: Feeding rates and prey-consumer interactions. *J. Plankton Res.* 20: 121-133.
- 1999 Haskell, A.G.E., E.E. Hofmann, G.-A. Paffenhöfer and P.G. Verity. Modeling plankton community structure on the southeastern U.S. continental shelf. *J. Plankton Res.* 21: 1725-1752.
- 1999 Paffenhöfer, G.-A. and P.A. Loyd. Ultrastructure of setae of the maxilliped of the marine planktonic copepod *Temora stylifera* DANA. *Mar. Ecol. Prog. Ser.* 178: 101-107.
- 1999 Mazzocchi, M.G. and G.-A. Paffenhöfer. Swimming and feeding behavior of the planktonic copepod *Clausocalanus furcatus*. *J. Plankton Res.* 21: 1501-1518.
- 1999 Paffenhöfer, G.-A. and D.M. Gibson. Determination of generation time and asexual fecundity of doliolids (Tunicata, Thaliacea). *J. Plankton Res.* 21: 1183-1189.
- 2000 Paffenhöfer, G.-A. and P.A. Loyd. On the ultrastructure of cephalic appendage setae of marine planktonic copepods. *Mar. Ecol. Prog. Ser.* 203: 171-180
- 2000 Gibson, D.M. and G.-A. Paffenhöfer. Feeding and growth rates of the doliolid *Dolioetta gegenbauri* Uljanin. *J. Plankton Res.* 22: 1485-1500
- 2001 Paffenhöfer, G.-A. and 39 co-authors. Marine Zooplankton Colloquium 2. Future Marine Zooplankton Research – A Perspective. *Mar. Ecol. Prog. Ser.* 222:297-308.

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- 2002 Paffenhöfer, G.-A. An assessment of the effects of diatoms on planktonic copepods
Mar. Ecol. Progr. Ser. 227: 305-310
- 2002 Paffenhöfer, G.-A. and M.G. Mazzocchi. On some aspects of the behaviour of *Oithona plumifera* (Copepoda: Cyclopoida). J. Plankton Res. 24: 129-135.
- 2002 Paffenhöfer, G.-A. and C.N. Flagg. Interannual variability of metazooplankton biomass in ocean margins: late winter vs. summer. Deep-Sea Res. II, 49: 4533-4552.
- 2002 Gibson, D.M. and G.-A. Paffenhöfer. Asexual reproduction of the doliolid *Dolioletta gegenbauri* Uljanin (Tunicata, Thaliacea). J. Plankton Res., 24: 703-712.
- 2003 Paffenhöfer, G.-A. and M.G. Mazzocchi. Vertical distribution of subtropical epiplanktonic copepods. J Plankton Res 25:1139-1156
- 2003 Paffenhöfer, G.-A., M. Tzeng, R. Hristov, C.L. Smith and M.G. Mazzocchi. Abundance and distribution of nanoplankton in the epipelagic subtropical/tropical open Atlantic Ocean. J. Plankton Res. 25:1535-1549.
- 2004 Jiang, H. and G.-A. Paffenhöfer. Relation of behavior of copepod juveniles to potential predation by omnivorous copepods: An empirical-modeling study. Mar. Ecol. Prog. Ser. 278:225-239.
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