

## Veröffentlichungen

*Veröffentlichungen des Stabes der Biologischen Anstalt Helgoland, die anderenorts  
erschienen sind*

*Publications by the staff of the Biologische Anstalt Helgoland that have been  
published elsewhere*

- Bartsch, I., 1980. Halacaridae (Acari) aus der Bucht von Morlaix (Bretagne). – *Acarologia* 21, 34–45.
- Bulnheim, H.-P., 1980. Zum Vorkommen von *Gammarus tigrinus* im Nord-Ostsee-Kanal. – *Arch. FischWiss.* 30, 67–73.
- Bulnheim, H.-P. & Scholl, A., 1980. Evidence of genetic divergence between two brackish-water gammaridean sibling species. – *Mar. Ecol. Prog. Ser.* 3, 163–165.
- Gillbricht, M., 1980. Gelbstoffe vor Nordwestafrika. – *Dt. hydrogr. Z.* 33, 53–67
- Greve, W. & Reiners, F., 1980. The impact of prey-predator waves from estuaries on the planktonic marine ecosystem. In: *Estuarine perspectives*. Ed. by E. Kennedy. Academic Press, New York, 405–421.
- Gunkel, W. & Gassmann, G., 1980. Hydrocarbons and hydrocarbon degradation in the marine environment including some considerations of the water-sediment interphase. – *Colloques int. C. N. R. S.* 293, 301–307.
- Gunkel, W., Gassmann, G., Oppenheimer, C. H. & Dundas, I., 1980. Preliminary results of baseline studies of hydrocarbons and bacteria in the North Sea. In: *Ponencias del simposio internacional en: Resistencia a los antibioticos y microbiología marina*. Santiago de Compostela, 223–247.
- Hartmann-Schröder, G., 1980. Die Polychaeten der Amsterdam-Expeditionen nach Westindien. – *Bijdr. Dierk.* 50, 1–15.
- Hartmann-Schröder, G., 1980. Zur Kenntnis des Eulitorals der australischen Küsten unter besonderer Berücksichtigung der Polychaeten und Ostracoden. T. 4: Die Polychaeten der tropischen Nordwestküste Australiens (zwischen Port Samson im Norden und Exmouth im Süden). – *Mitt. hamb. zool. Mus. Inst.* 77, 41–110.
- Hickel, W., 1980. The influence of Elbe River water on the Wadden Sea of Sylt (German Bight, North Sea). – *Dt. hydrogr. Z.* 33, 43–52
- John, H.-Chr., Böhde, U. J. & Nellen, W., 1980. *Sardina pilchardus* larvae in their southernmost range. – *Arch. FischWiss.* 31, 67–85.
- Kapp, H., 1980. Results of the research cruises of FRV "Walther Herwig" to South America. LV. Chaetognatha from the Patagonian Shelf in February 1971. – *Arch. FischWiss.* 30, 125–135.
- Kinne, O. (Ed.), 1980. *Diseases of marine animal*. Wiley, Chichester, 1, 1–466.
- Kinne, O., 1980. Introduction to the treatise and to Volume 1. In: *Diseases of marine animals*. Ed. by O. Kinne. Wiley, Chichester, 1, 1–11.

- Kinne, O. 1980. Diseases of marine animals: general aspects. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 13–73.
- Kinne, O. 1980. Die Biologische Anstalt Helgoland. In: Helgoland. Hrsg. v. H. P. Rickmers. Dingwort, Hamburg. 75–86.
- Kinne, O., 1980. Aquaculture – a critical assessment of its potential and future. – Interdisciplinary Sci. Rev. 5, 24–32.
- Kremer, B. P. & Markham, J. W., 1980. Meeresalgen als Kadmium-Warner. – Umschau 80, 664–665.
- Lauckner, G., 1980. Diseases of Protozoa. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 75–134.
- Lauckner, G., 1980. Diseases of Mesozoa. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 135–137.
- Lauckner, G., 1980. Diseases of Porifera. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 139–165.
- Lauckner, G., 1980. Diseases of Cnidaria. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 167–237.
- Lauckner, G., 1980. Diseases of Ctenophora. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 239–253.
- Lauckner, G., 1980. Diseases of Tentaculata. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 255–259.
- Lauckner, G., 1980. Diseases of Sipunculida, Priapulida and Echiurida. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 261–278.
- Lauckner, G., 1980. Diseases of Platyhelminthes. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 279–302.
- Lauckner, G., 1980. Diseases of Nemertea. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 303–309.
- Lauckner, G., 1980. Diseases of Mollusca: Gastropoda. In: Diseases of marine animals. Ed. by O. Kinne. Wiley, Chichester, 1, 311–424.
- Lüning, K., 1980. Critical levels of light and temperature regulating the gametogenesis of three *Laminaria* species (Phaeophyceae). – J. Phycol. 16, 1–15.
- Lüning, K., 1980. Control of algal life-history by daylength and temperature. In: The shore environment. Ed. by J. H. Price, D. E. G. Irvine & W. F. Farnham. Academic Press, London, 2, 915–945.
- Markham, J. W., Kremer, B. P. & Sperling, K.-R., 1980. Effects of cadmium on *Laminaria saccharina* in culture. – Mar. Ecol. Prog. Ser. 3, 31–39.
- Markham, J. W. & Munda, I. M., 1980. Algal recolonization in the rocky eulittoral at Helgoland, Germany. – Aquat. Bot. 9, 33–71.
- Müller, D. G. & Gassmann, G., 1980. Sexual hormone specificity in *Ectocarpus* and *Laminaria* (Phaeophyceae). – Naturwissenschaften 67, 462.
- Nair, K. K. C. & Anger, K., 1980. A closed sea water flow-through-siphon system for the cultivation and rearing of marine animals. – Mahasagar 13, 133–145.
- Nair, K. K. C. & Anger, K., 1980. Seasonal variation in population structure and biochemical composition of *Jassa falcata* (Crustacea, Amphipoda) off the island of Helgoland (North Sea). – Estuar. coast. mar. Sci. 11, 505–513.
- Riemann-Zürneck, K., 1980. Actiniaria des Südwestatlantik. V. *Bolocera*, *Isotealia*, *Isosyconis* (Actiniidae). – Mitt. hamb. zool. Mus. Inst. 77, 19–33.

- Rieper, M., 1979. Macro-autoradiographic studies on North Sea sediment bacteria. – Mar. Ecol. Prog. Ser. 1, 337–345.
- Rosenthal, H., 1980. Ozonation and sterilization. – EIFAC 80 Symp. R 8, 1–78.
- Rosenthal, H., Andjus, R. & Krüner, G., 1980. Daily variations of water quality parameters under intensive culture conditions in a recycling system. – EIFAC 80 Symp. E 59, 1–8.
- Rosenthal, H., 1980. Implications of transplantations to aquaculture and ecosystems. – Mar. Fish. Rev. 80, 1–14.
- Rosenthal, H., 1980. Auswirkungen der Abfallbeseitigung auf See aus meeresbiologischer Sicht I. – Müll, Abfall, Beih. 17, 81–85.
- Schnepf, E., Deichgräber, G. & Drebes, G., 1980. Morphogenetic processes in *Attheya decora* (Bacillariophyceae, Biddulphiineae). – Pl. Syst. Evolut. 135, 265–277.
- Siebers, D., 1980. Können sich Seesterne durch Absorption von im Meerwasser gelösten organischen Substanzen ernähren? – Verh. dt. zool. Ges. 73, 314.
- Sperling, K.-R., 1980. Schwermetallbestimmungen im Meerwasser und in Meeresorganismen mit Hilfe der flammenlosen AAS – ein Methodenschema für Cadmiumbestimmungen in marinen Matrices. – Vom Wass. 54, 99–112.
- Sperling, K.-R. & Bahr, B., 1980. Determination of extremely low concentrations of cadmium in blood and urine by flameless AAS. I. Testing of a micro method. – Z. analyt. Chem. 301, 29–31.
- Sperling, K.-R. & Bahr, B., 1980. Determination of extremely low concentrations of cadmium in blood and urine by flameless AAS. II. Extraction behaviour of cadmium. – Z. analyt. Chem. 301, 31–32.
- Sperling, K.-R., 1980. Determination of heavy metals in sea water and in marine organisms by flameless atomic absorption spectrophotometry. XII. A method for the determination of "total cadmium" in natural water samples – limits of mere extraction methods. – Z. analyt. Chem. 301, 294–299.
- Tesch, F.-W., 1979: Bericht über die Reisen der Forschungsschiffe "Anton Dohrn" und "Friedrich Heincke" im Sargassomeer. – Arb. dt. Fisch. Verb. 29, 54–66.
- Tesch, F.-W., 1980: Occurrence of eel *Anguilla anguilla* larvae west of the European continental shelf, 1971–1977. – Environ. Biol. Fish. 5, 185–190.
- Weigmann-Haass, R. & Haass, G., 1980. Geographische Verbreitung und vertikale Verteilung der Euphausiacea (Crustacea) während der Antarktis-Expedition 1975/76. – Meeresforsch. 28, 19–31.
- Werner, B., 1980. Life cycles of the Cnidaria. In: Developmental and cellular biology of Coelenterata. Ed. by P. Tardent & R. Tardent. Elsevier, Amsterdam, 3–10.
- Westernhagen, H. von, Dethlefsen, V. & Rosenthal, H., 1980. Correlation between cadmium concentration in the water and tissue residue levels in dab, *Limanda limanda* L., and plaice, *Pleuronectes platessa* L. – J. mar. biol. Ass. U.K. 60, 45–58.