

LIST of PUBLICATIONS

71. **Böttger-Schnack, R.**, & D. Schnack in press. Oncaeidae Giesbrecht W., 1893. ICES Identification Leaflets for Plankton.
70. **Böttger-Schnack, R.**, & D. Schnack 2023. The microcopepod family Oncaeidae: state of knowledge and perspectives. *Marine Biology* 170:110, 46 pp. <https://doi.org/10.1007/s00227-023-04249-6> (view paper at <https://rdcu.be/dhKsW>)
69. CHO, K., PARK, C. & **R. BÖTTGER-SCHNACK** 2021. Taxonomy of three species of the genus *Spinoncaea* (Copepoda, Oncaeidae) in the North Pacific Ocean with focus on morphological variability. *ZooKeys* 1043: 147-191. <https://doi.org/10.3897/zookeys.1043.64438>
68. **BÖTTGER-SSCHNACK, R.**, & A. GUBANOVA 2021. Obituary Alexandra Alexandrovna Shmeleva 1926-2021. *Crustaceana* 94(6), 751-755.
67. KRŠINIĆ, F., **BÖTTGER-SCHNACK, R.**, & O. VIDJAK 2020. Small copepods of the deep South Adriatic Pit: diversity, seasonal and multi-annual dynamics, and implications from the regional hydrography. *Environ Monit Assess* 192: 545. <https://doi.org/s10661-020-08462-4> (view paper at <https://rdcu.be/b554n>)
66. CHO, K., **BÖTTGER-SCHNACK, R.**, KIM, W.-S. & W. LEE 2019. Two new species of the *similis*-subgroup of *Triconia* (Copepoda, Oncaeidae) and a redescription of *T. denticula* from the northeastern equatorial Pacific. *Zoosystema* 41 (28): 567-593. <https://doi.org/10.5252/zoosystema2019v41a28>)
65. **BÖTTGER-SCHNACK, R.** & D. SCHNACK 2019. OncIdent – an interactive identification key for Oncaeidae Giesbrecht, 1893 [“1892“] (Copepoda: Cyclopoida). *Mar. Biodiv.* 49(2): 1043-1046. DOI 10.1007/s12526-018-0863-z (view paper at <http://rdcu.be/Jf5Z>)
64. CHO, K., **BÖTTGER-SCHNACK, R.**, KIM, W.-S. & W. LEE 2017. Two species of the *conifera*-subgroup of *Triconia* (Copepoda, Cyclopoida, Oncaeidae) from the Northeastern equatorial Pacific, with a first description of the male of *T. hirsuta* Wi, Böttger-Schnack and Soh, 2010. *Zootaxa* 4286 (3): 347-369.
63. **BÖTTGER-SCHNACK, R.** & D. SCHNACK 2015. Development of an interactive identification key for Oncaeidae (Copepoda: Cyclopoida). *J. Nat. Hist.* 49 (45-48), 2727-2741. DOI 10.1080/00222933.2015.1022614
62. CHO, K., KIM, W.-S., **BÖTTGER-SCHNACK, R.** & W. LEE 2013. A new species of the *dentipes*-subgroup of *Triconia* and a redescription of *T. giesbrechti* and *T. elongata* (Copepoda: Cyclopoida: Oncaeidae) from the tropical Pacific and the Korea Strait. *J. Nat. Hist.* 47 (25-28): 1707-1743.
61. MCKINNON, A.D., DUGGAN, S., **BÖTTGER-SCHNACK, R.**, GUSMÃO, L.F.M. & R.A. O'LEARY 2013. Depth structuring of pelagic copepod biodiversity in waters adjacent to an Eastern Indian Ocean coral reef. *J. Nat. Hist.* 47 (5-12): 639-665. DOI 10.1080/00222933.2012.674645

- 60. BÖTTGER-SCHNACK, R. & D. SCHNACK** 2013. Definition of species groups of Oncaeidae (Copepoda: Cyclopoida) as basis for a worldwide identification key. *J. Nat. Hist.* 47 (5-12): 265-288. DOI 10.1080/00222933.2012.708453
59. WI, J.H., **BÖTTGER-SCHNACK, R.** & H.Y. SOH 2012. Two new species belonging to the *dentipes*- and *conifera*-subgroups of *Triconia* (Copepoda: Cyclopoida: Oncaeidae) from the East China Sea. *J. Crust. Biol.* 32(5): 843-859.
- 58. BÖTTGER-SCHNACK, R. & R.J. MACHIDA** 2011. Comparison of morphological and molecular traits for species identification and taxonomic grouping of oncaeid copepods. *Hydrobiologia* 666: 111-125.
- 57. BÖTTGER-SCHNACK, R.** 2011. Taxonomic re-examination and distribution of copepods reported as *Oncaea notopus* Giesbrecht, 1891 (Copepoda, Oncaeidae) in the Mediterranean Sea. *Mar. Biodiv.* 41: 325-341.
56. WI, J.H., **BÖTTGER-SCHNACK, R.** & H.Y. SOH 2010. Species of *Triconia* of the *conifera*-subgroup (Copepoda, Cyclopoida, Oncaeidae) from Korean waters, including a new species. *J. Crust. Biol.* 30(4):673-691.
55. ABERLE, N., HANSEN, T., **BÖTTGER-SCHNACK, R.**, BURMEISTER, A., POST, A. F. & U. SOMMER 2010. Differential routing of 'new' nitrogen toward higher trophic levels within the marine food web of the Gulf of Aqaba, northern Red Sea. *Mar. Biol.* 157:157-169
- 54. BÖTTGER-SCHNACK, R. & D. SCHNACK** 2009. Taxonomic diversity and identification problems of oncaeid microcopepods in the Mediterranean Sea. *Mar. Biodiv.* 39: 131-145.
- 53. BÖTTGER-SCHNACK, R.** 2009. Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. – IX. *Epicalymma bulbosa* sp. nov., first record of the genus from the Red Sea. *J. Plankton Res.* 31:1027-1043.
52. KOPPELMANN, R., **BÖTTGER-SCHNACK, R.**, MÖBIUS, J., & H. WEIKERT 2009. Trophic relationships of zooplankton in the eastern Mediterranean based on stable isotope measurements. *J. Plankton Res.* 31 (6): 669-686
- 51. BÖTTGER-SCHNACK, R., SCHNACK, D. & W. HAGEN** 2008. Microcopepod community structure in the Gulf of Aqaba and the northern Red Sea, with special reference to Oncaeidae. *J. Plankton Res.* 30: 529-550.
50. MCKINNON, A.D., DUGGAN, S., CARLETON, J.H. & R. **BÖTTGER-SCHNACK** 2008. Summer planktonic copepod communities of Australia's North West Cape (Indian Ocean) during the 1997-99 El Niño/La Niña. *J. Plankton Res.* 30: 839-855
49. SCHNACK-SCHIEL, S.B., NIEHOFF, B., HAGEN, W., **BÖTTGER-SCHNACK, R.**, CORNILS, A., DOWIDAR, M.M., PASTERNAK, A., STAMBLER, N., STÜBING, D. & C. RICHTER 2008. Population dynamics and life strategies of *Rhincalanus nasutus* (Copepoda) at the onset of the spring bloom in the Gulf of Aqaba (Red Sea). *J. Plankton Res.* 30: 655-672.
- 48. BÖTTGER-SCHNACK, R.** 2008 ("2007") Obituary Kunigunde Hulsemann. *Mitt. hamb. zool. Mus. Inst.* 104: 1-5. (dated 2007)
47. HUYS, R. & R. **BÖTTGER-SCHNACK** 2008 ("2007") Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. - VIII. Morphology and phylogenetic position of *Oncaea tregoubovi*

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46. ELVERS, D., **BÖTTGER-SCHNACK**, R., BLOHM, D. & W., HAGEN 2006. Sympatric size variants of the microcopepod *Oncaea venusta* exhibit distinct lineages in DNA sequences. Mar. Biol. 149:503-513.

45. BÖTTGER-SCHNACK, R. 2005. Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. VII. *Oncaea cristata*, a new species related to the *ovalis*-complex, and a revision of *O. ovalis* Shmeleva and *O. bathyalis* Shmeleva from the Mediterranean. Cah. Biol. Mar. 46: 161-209.

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43. GIBBONS, M.J., RICHARDSON, A.J., ANGEL, M.V., BUECHER, E., ESNAL, G., FERNANDEZ ALAMO, M.A., GIBSON, R., ITOH, H., PUGH, P., **BÖTTGER-SCHNACK**, R. & E. THUESEN 2005. What determines the likelihood of species discovery in marine holozooplankton: is size, range or depth important ? Oikos 109: 567-576.

42. BÖTTGER-SCHNACK, R. 2004. *Triconia parasimilis* Böttger-Schnack, 1999 (Copepoda, Oncaeidae), first record from the NW Pacific (Oyashio), with the description of the male. Mitt. hamb. zool. Mus. Inst. 101: 213-223.

41. BÖTTGER-SCHNACK, R. & R. HUYS 2004. Size polymorphism in *Oncaea venusta* Philippi, 1843 and the validity of *O. frosti* Heron, 2002: a commentary. Hydrobiologia 513: 1-5.

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39. BÖTTGER-SCHNACK, R. 2003. Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. V. Three species of *Spinoncaea* gen. nov. (*ivlevi*-group), with notes on zoogeographical distribution. Zool. J. Linn. Soc. 137: 187-226.

38. BÖTTGER-SCHNACK, R. 2002. Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. VI. Morphology and zoogeography of *Oncaea bispinosa* sp. nov., a sistertaxon of *O. zernovi* Shmeleva. J. Plankton Res. 24: 1107-1129.

37. SOMMER, U., BERNINGER, U.-G., **BÖTTGER-SCHNACK**, R., CORNILS, A., HAGEN, W., HANSEN, T., AL-NAJJAR, T., POST, A.F., SCHNACK-SCHIEL, S.B., STIBOR, H., STÜBING, D. & S. WICKHAM 2002. Grazing during early spring in the Gulf of Aqaba and the northern Red Sea. Mar. Ecol. Prog. Ser. 239: 251-261.

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35. BÖTTGER-SCHNACK, R., HAGEN, W. & S.B. SCHNACK-SCHIEL 2001. The microcopepod fauna in the Gulf of Aqaba, northern Red Sea: Species diversity and distribution of Oncaeidae (Poecilostomatoida). J. Plankton Res. 23: 1029-1035.

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30. BÖTTGER-SCHNACK, R. 1997. Vertical structure of small metazoan plankton, especially non-calanoïd copepods.II. Deep Eastern Mediterranean (Levantine Sea). Oceanol. Acta 20: 399-419.

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24. BÖTTGER-SCHNACK, R. 1995. Summer distribution of micro- and small mesozooplankton in the Red Sea and Gulf of Aden, with special reference to non-calanoïd copepods. Mar. Ecol. Prog. Ser. 118: 81-102.

23. BÖTTGER-SCHNACK, R. 1994. The microcopepod fauna in the Eastern Mediterranean and Arabian Seas: a comparison with the Red Sea fauna. In: FERRARI, F.D. & B.P. BRADLEY (eds), Ecology and morphology of copepods. Proceedings of the 5th International Conference on Copepoda, Baltimore, USA, June 6-13, 1993; Developments in Hydrobiology 102: 271-282; reprinted from Hydrobiologia 292/293.

22. HUYS, R. & R. BÖTTGER-SCHNACK 1994. Taxonomy, biology and phylogeny of Miraciidae (Copepoda: Harpacticoida). Sarsia 79: 207-283.

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