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Marine benthic metabarcoding

Klunder, Lise Margriet

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PUBLICATIONS



PUBLICATIONS

Klunder, L.; Bijleveld, A.I., van der Veer, H.W.; Luttkhuizen, P. Quantification of marine benthic communities with metabarcoding is influenced by ecological factors. *Under review at Molecular ecology*

Klunder, L.; Lavaleye, M.S.S.; Reichart, G.-J.; van der Veer, H.W.; de Stigter, H.; Duineveld, G.C.A., 2020. Assessing the unknown background fauna of a hydrothermal vent at the Mid-Atlantic Ridge (MAR); a metabarcoding approach. *Frontiers in Marine Science*

van Bleijswijk, J.D.L.; Engelmann, J.C.; **Klunder, L.;** Witte, H.; Witte, J.I.J.; van der Veer, H.W. (2020) Analysis of a coastal North Sea fish community: comparison of aquatic environmental DNA concentrations to fish catches. *Environmental DNA*

Klunder, L.; Lavaleye, M.S.S.; Kleine Schaars, L.B.J.; Dekker, R.; Holthuijsen, S.; van der Veer, H.W. (2019). Distribution of the dwarf surf clam *Mulinia lateralis* (Say, 1822) in the Wadden Sea after first introduction. *BioInvasion Records*

Klunder, L.; Duineveld, G.C.A.; Lavaleye, M.S.S.; van der Veer, H.W.; Palsboll, P.J.; van Bleijswijk, J.D.L. (2019). Diversity of Wadden Sea macrofauna and meiofauna communities highest in DNA from extractions preceded by cell lysis. *J. Sea Res.*

Klunder, L.; Lavaleye, M.S.S.; Filippidi, A.; van Bleijswijk, J.D.L.; Reichart, G.-J.; van der Veer, H.W.; Duineveld, G.C.A.; Mienis, F. (2018). Impact of an artificial structure on the benthic community composition in the southern North Sea: assessed by a morphological and molecular approach. *ICES J. Mar. Sci*

Bijleveld, A.I.; Compton, T.J.; **Klunder, L.;** Holthuijsen, S.; ten Horn, J.; Koolhaas, A.; Dekinga, A.; van der Meer, J.; van der Veer, H.W. (2018). Presence-absence of marine macrozoobenthos does not generally predict abundance and biomass. *Scientific Reports*

Klunder, L.; van Bleijswijk, J.D.L.; van der Veer, H.W. (2018). Effect of an energy turbine on fish eDNA as indicator for species composition. *NIOZ-report 2018(7)*.

