

Publications in Peer-Reviewed Journals (omits submitted manuscripts)

- 98) **Bernhard, JM** and G Panieri (2018), Keystone Arctic paleoceanographic proxy association with putative methanotrophic bacteria, *Scientific Reports*, **8**:10610, doi:10.1038/s41598-018-28871-3.
- 97) LeKieffre, C, T Jauffrais, E Geslin, B Jesus, **JM Bernhard**, M-E Giovani, A Meibom (2018) Inorganic carbon and nitrogen assimilation in cellular compartments of a benthic kleptoplastic foraminifer. *Scientific Reports*, **8**:10140, doi:10.1038/s41598-018-28455-1.
- 96) Beinart, R.A., D.J. Beaudoin, **J.M. Bernhard**, V.P. Edgcomb (2018) Insights into the metabolic functioning of a multi-partner ciliate symbiosis from oxygen-depleted sediments. *Molecular Ecology*, doi: 10.1111/mec.14465.
- 95) Frontalini, F, MP Nardelli, D Curzi, A Martin-Gonzalez, A Sabbatini, A Negri, MT Losada, P Gobbi, R Coccioni, and **JM Bernhard** (2018) Benthic foraminiferal ultrastructural alteration induced by heavy metals. *Marine Micropaleontology*, **138**: 83-89.
- 94) LeKieffre, C, **JM Bernhard**, G Mabilieu, HL Filipsson, A Meibom, E Geslin (2018) An overview of cellular ultrastructure in benthic foraminifera: New observations of rotalid species in the context of existing literature. *Marine Micropaleontology*, **138**: 12-32.
- 93) Nomaki, H, C LeKieffre, S Escrig, A Meibom, S Yagyu, EA Richarson, T Matsuzaki, M Murayama, E Geslin, **JM Bernhard** (2018) Innovative TEM-coupled approaches to study foraminiferal cells. *Marine Micropaleontology*, **138**: 90-104.
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- 91) **Bernhard, JM**, M Tsuchiya and H Nomaki (2018) Ultrastructural observations on prokaryotic associates of benthic foraminifera: food, mutualistic symbionts, or parasites? *Marine Micropaleontology*, **138**: 33-45.
- 90) van Dijk, I, **JM Bernhard**, LJ de Nooijer, G Nehrke, JC Wit, G-J Reichart (2017). Combined impacts of ocean acidification and dysoxia on survival and growth of four agglutinated foraminifera. *Journal of Foraminiferal Research*, **47**: 294-303.
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- 88) Phalen, W.G., **J.M. Bernhard**, S.S. Bowser, S.T. Goldstein (2016) Distribution, abundance, and laboratory calcification of *Homotrema rubrum* from Tennessee Reef, Florida Keys. *J Foraminiferal Research*, **46**: 409-419.
- 87) Frontalini, F., D. Curzi, E. Cesarini, B. Canonico, F.M. Giordano, R. De Matteis, **J.M. Bernhard**, N. Pieretti, B. Gu, J.R. Eskelsen, A.M. Jubb, L. Zhao, E.M. Pierce, P. Gobbi, S. Papa, R. Coccioni (2016) Mercury-pollution induction of intracellular lipid accumulation and lysosomal compartment amplification in the benthic foraminifer *Ammonia parkinsoniana*. *PLoS ONE*, **11**(9): e0162401. doi:10.1371/journal.pone.0162401.
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- 83) Wit, J.C., M.M. Davis, D.C. McCorkle, **J.M. Bernhard** (2016) A short term survival experiment assessing impacts of ocean acidification and hypoxia on *Globobulimina turgida*. *Journal of Foraminiferal Research*, **46**: 25-33.
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