Accepted Manuscript

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MRRINE MICROPALEONTOLOGY

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PII: S0377-8398(17)30038-5

DOI: doi:10.1016/j.marmicro.2017.10.011

Reference: MARMIC 1674

To appear in: Marine Micropaleontology

Received date: 8 March 2017 Revised date: 26 October 2017 Accepted date: 30 October 2017

Please cite this article as: K.A. Koho, C. LeKieffre, H. Nomaki, I. Salonen, E. Geslin, G. Mabilleau, L.H. Søgaard Jensen, G.-J. Reichart, Changes in ultrastructural features of the foraminifera Ammonia spp. in response to anoxic conditions: Field and laboratory observations. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Marmic(2017), doi:10.1016/j.marmicro.2017.10.011

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ACCEPTED MANUSCRIPT

Changes in ultrastructural features of the foraminifera *Ammonia* spp. in response to anoxic conditions: field and laboratory observations

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Abstract

The ultrastructure of the living foraminiferan, *Ammonia* sp. (phylotype unknown), collected from surficial and deeper, subsurface (anoxic) sediments from the Dutch Wadden Sea, was examined to provide information on the physiology of the foraminiferal cell and its adaptive strategies to low-oxygen conditions. The observed changes in cell ultrastructure under anoxia were further compared with the cell ultrastructure of *Ammonia* sp. (phylotype T6), from oxic and anoxic incubation experiments. The ultrastructural evidence

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