

## Report on the 4th European workshop on scaphopod molluscs (Cismar, May 1st – May 7th 2015)

J.G. van der Beek, B. Sahlmann, A.F. de Jong & V. Wiese

### Samenvatting

In de eerste week van mei 2015 vond in “Haus der Natur - Cismar” in Duitsland de vierde Europese workshop over stoottanden plaats. Na de goede resultaten die het jaar ervoor geboekt waren zijn ook dit jaar enkele interessante projecten aan bod gekomen. Zo is er aandacht besteed aan *Entalina tetragona* (Brocchi, 1814), West-Pacifische *Fissidentalium* soorten, *Dentalium aprinum* Linnaeus, 1767, en aan materiaal uit de collectie van Bavius Gras.

### Introduction

The annual ‘European workshop on scaphopod molluscs’ in Haus der Natur – Cismar, Germany took place for the fourth time and lasted a few days longer than usual. Unfortunately, the participants – Dr. Bernd Sahlmann, Frans de Jong, Dr. Vollrath Wiese and Jordy van der Beek (fig. 1) – had not been able to recruit new scaphopod fans to join our meeting. Despite Frans’ absence in the first few days, the workshop was a great success.

The weeks prior to the workshop Vollrath, Bernd and Jordy had worked hard to finalise several articles. Three of them (Sahlmann & Wiese, 2016; Sahlmann *et al.*, 2016; Van der Beek & Sahlmann, 2016) dealt with subjects discussed during the 2015 workshop (van der Beek, 2015). One new species, *Fissidentalium* (*Compressidentalium*) *pseudohungerfordi* Sahlmann, van der Beek & Wiese, 2016 from the Philippines was described (fig. 2a).

Whilst previous workshops had always been linearly structured, on this occasion we worked on some smaller projects in parallel. The topics of these projects were discussed during the first few days and revisited in the presence of Frans in order to include his opinions.

### Scaphopoda

One of the projects dealt with *Entalina tetragona* (Brocchi, 1814), a species living in the north-eastern Atlantic and Mediterranean. In the summer of 2015, Bernd and Jordy discussed whether there might be different forms of this species. At that time we concluded that there is no clear difference between all the forms – up until this first workshop week. During revision of some newly acquired material of this species, a form from Mauritania was observed showing a slightly different curving. In material from Madeira, a possibly new species of *Entalina* was detected. However, further research on the north-eastern Atlantic *Entalina* is required and more material should be reviewed in order to draw definitive conclusions. If you happen to have material relevant for our study, please contact the author!

A subject which is annually on the programme is the Western Pacific *Fissidentalium* species. This year we had some interesting Taiwanese shells and shells from Western Australia. At first glance the shells from Taiwan look somewhat like *Pictodentalium vernedei*, but these are smaller, lighter and have a wider aperture. With respect to Western Australia hardly any *Fissidentalium* species have been recorded. Two shells from Western Australia in the author’s collection were identified as *Fissidentalium* cf. *ponderi* Lamprell & Healy, 1998. Should this identification turn out to be correct it would imply a range extension for that species towards the opposite side of the Australian continent. About twenty shells from the Australian Broome area look somewhat like *Fissidentalium sahlmanni* Dharma & Eng, 2009 (of which a shell with a dried-in animal without exact location data was discovered in a pile of various scaphopod shells during the workshop) (fig. 2b, c). More research on those shells will be undertaken as soon as possible. Another well-known species but lacking in-depth analysis is the



Fig. 1. Workshop participants. From left: Vollrath Wiese, Bernd Sahlmann, Frans de Jong and Jordy van der Beek - holding some of the workshop’s treasures. Photo Vollrath Wiese.



Fig. 2. A: *Fissidentalium* (*Compressidentalium*) *pseudohungerfordi* (77,3 mm), Paratype, HNC 84465b, Philippines, Siquijor. B: *Fissidentalium sahlmanni*, Van der Beek collection no. 764; C: the dried-in animal. Locality data lacking. Photo’s Vollrath Wiese.

common *Dentalium aprinum* Linnaeus, 1767. During the workshop we compared material from the Haus der Natur - Cismar collection, the collection of the Natural History Museum of Rotterdam (the former collection of Frans) and Jordy's private collection. We came across several 'forms' which seem to be persistently different in shape from, yet close to the sculpture of, the 'regular' Philippine form.

Last but not least the Thailand/Sri Lanka shells from Bavius Gras were reviewed. Several specimens remained unidentified, but some interesting species were found in these samples. For example *Paradentalium pistis* (Winckworth, 1940), a species which was never listed nor depicted after its original description.

### Epilogue

We thank Vollrath Wiese and Gyde Wiese for their great hospitality and for hosting us in the Museum's apartment. We gratefully acknowledge the support for this meeting by Haus der Natur and the VFNC Society (Verein zur Förderung der Naturkunde in Cismar). Special thanks to Bavius Gras for sharing his collection with us. I would also like to thank Chris Vos for carefully reading my manuscript and for giving valuable comments.

Maybe this was the last workshop Bernd could attend. Nevertheless, we intend to continue our meetings in the following years. New participants interested into all aspects of scaphopod research are cordially invited.

### Sources consulted

- SAHLMANN, B., J. VAN DER BEEK & V. WIESE (2016): *Fissidentalium (Compressidentalium) pseudohungerfordi* n. sp., a well-known undescribed scaphopod in the group of *Fissidentalium (Compressidentalium) hungerfordi* (Pilsbry & Sharp 1897) (Mollusca: Scaphopoda). *Schriften zur Malakozoologie aus dem Haus der Natur - Cismar* 29: 19-32, plates 9-19.
- SAHLMANN, B. & V. WIESE (2016): The true *Fissidentalium (Compressidentalium) hungerfordi* (Pilsbry & Sharp 1897) (Mollusca: Scaphopoda). *Schriften zur Malakozoologie aus dem Haus der Natur - Cismar* 29: 7-18, plates 1-8.
- VAN DER BEEK, J., 2015. Report on the 3rd European workshop on scaphopod molluscs (Cismar, April 26th – April 30th 2015). – *Spirula* 404: 11-12.
- VAN DER BEEK, J. & B. SAHLMANN (2016): A shell of *Antalis valdiviae* (Plate 1908) - an ultrarare scaphopod from the deep North Atlantic (Mollusca: Scaphopoda). – *Schriften zur Malakozoologie aus dem Haus der Natur - Cismar* 29: 49-52, plates 29-30.
- WINCKWORTH, R., 1940: New species of shells from Madras. – *Proceedings of the Malacological Society of London* 24(2): 41-43

### Address of the author

jordy.vd.beek@gmail.com



## SCHELLENBEURZEN EN BIJEENKOMSTEN INTERNATIONAL SHELL SHOWS AND MEETINGS

W. Faber

For American shell shows see: [www.malacological.org/meetings/next.html](http://www.malacological.org/meetings/next.html) or contact Donald Dan, e-mail: [donaldan@aol.com](mailto:donaldan@aol.com).

### 2016

- SEPTEMBER 24-25 ÖHRINGEN SHELL SHOW. Location: Kultura, Herrenwiese 12, Öhringen, Germany. Organisation: Club Conchylia. Opening hours: Saturday 09.00-18.00 hrs., Sunday 09.00-13.30 hrs. Info: Kurt Kreipl, Meeresmuseum Öhringen, Köhenweg 6, D-74613 Öhringen, Germany; phone ++49 7941 62826; website: [meeresmuseum@t-online.de](mailto:meeresmuseum@t-online.de)
- SEPTEMBER 24-25 BOURSE – EXPOSITION DE COQUILLAGES. Location: Salle des Fêtes de Mérignac – Capeyron, France. Organisation: Région Aquitaine de l'AFC. Opening hours: both days 10.00-18.00 hrs. Info: Danièle Joly, phone ++33 0556835593 (evening only), website: [www.xenophora.org/](http://www.xenophora.org/)
- OCTOBER 15-16 21ST INTERNATIONAL SHELL SHOW PRAGUE. Location: Kulturní dům Ládví, Burešova 1661, Praha 8, Czech Republic. Organisation: Czech Conchs Collectors Club. Opening hours: Saturday 10.00-17.00 hrs., Sunday 09.00-15.00 hrs. Info: [jderka@volny.cz](mailto:jderka@volny.cz), website: <http://www.cksl.cz>.
- OCTOBER 22-23 21ÈME BOURSE INTERNATIONALE DE COQUILLAGES. Location: Ecole du Centre, Chemin Célestin Freinet, 1, Pont-à-Celles, Belgium. Opening hours: Saturday 10.00-18.00 hrs., Sunday 10.00-15.00 hrs. Info: website: <http://haliotidaoftheworld.jimdo.com/shell-show-2016-of-pont-a-celles/>
- OCTOBER 29 SHELL SHOW. Location: Theydon Bois Community Centre, Theydon Bois, London. Organisation: British Shell Collector's Club. Opening hours: 09.00-16.30 hrs. Info: website: [www.britishshellclub.org](http://www.britishshellclub.org) or [www.conchsoc.org](http://www.conchsoc.org).
- NOVEMBER 13 BEPALEO, INTERNATIONALE FOSSIELENBEURS. Location: "Remy-site", Remylaan 4b, Wijgmaal (near Leuven), Belgium. Organisation: HONA, de Geologische Vereniging Limburg and het Forum "Fossiel.net". Opening hours 10.00-17.00 hrs. Info: website: [www.hona.be](http://www.hona.be).