

# Reef sites

## Fishes (Gobiidae and Labridae) associated with the mushroom coral *Heliofungia actiniformis* (Scleractinia: Fungiidae) in the Philippines



**Fig. 1** Gobies **a** *Trimma* sp. (undescribed species), **b** *Eviota pellucida* and *E. lachdeberiei*, and the shrimp *Cuapetes lacertae* among tentacles of *Heliofungia actiniformis*

fishes, other than *S. nigrolineatus*, associated with the mushroom coral *H. actiniformis*. Moreover, this is the first record of various fish species cohabiting in a single *H. actiniformis* individual, resembling cases involving various shrimp species in the same coral host (Hoeksema and Fransén 2011) and clown fishes in a single sea anemone (Bos 2011).

### References

- Bos AR (2011) Clownfishes *Amphiprion clarkii* and *A. sandaracinos* (Pomacentridae) coexist in the sea anemone *Stichodactyla mertensii*. *Coral Reefs* 30:369
- Hoeksema BW, Fransén CHJM (2011) Space partitioning by symbiotic shrimp species cohabiting in the mushroom coral *Heliofungia actiniformis* at Semporna, eastern Sabah. *Coral Reefs* 30:519
- Hoeksema BW, van der Meij S, Fransén CHJM (2011) The mushroom coral as a habitat. *J Mar Biol Assoc UK* 91: doi:10.1017/S0025315411001445
- Munday PL, Jones GP, Caley MJ (1997) Habitat specialisation and the distribution and abundance of coral-dwelling gobies. *Mar Ecol Prog Ser* 152:227–239

A. R. Bos (✉)

The Netherlands Center for Biodiversity Naturalis, P.O. Box 9517, 2300 RA Leiden, The Netherlands  
e-mail: arthurrbos@yahoo.com

A. R. Bos

Biology Department, American University Cairo, P.O. Box 74, New Cairo 11835, Egypt

Received: 23 July 2011 / Accepted: 7 October 2011 / Published online: 21 October 2011  
© Springer-Verlag 2011

*Coral Reefs* (2012) 31:133  
DOI 10.1007/s00338-011-0834-3