

**SIZE DISTRIBUTION OF *TURBO CHRYSOSTOMUS* (GASTROPODA:  
TURBINIDAE) AT BUNAKEN ISLAND, NORTH SULAWESI**

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The archeogastropod *Turbo chrysostomus* (family Turbinidae) is characterized by two rows of spines, and an orange-yellow aperture. *T. chrysostomus* has not been recorded from the western part of Indonesia. It occurs east of the Wallace line (W. Kastoro pers.com.) where, e.g., the Bunaken Island is located. We found *T. chrysostomus* under coral blocks and within crevices of dead corals. Individuals longer than 40 mm constituted 82 % of the population. Dominance of large sized snails indicated that collecting by local people has not yet been intensive even if both shells and meat are utilized. But, protection of the species should be considered. Most of the basic information for a management plan, however, is lacking. As a first step in this context we have studied the size distribution of *T. chrysostomus*. A total of 119 snails were collected from this reef, using scuba. The samples were preserved in 5 % formaldehyde. Shell lengths ranged from 23.1-51.2 mm (mean: 42.8 mm), shell widths from 20.1-46.2 mm (mean: 37.1 mm), total weights from 3.8-38.8 g (mean: 24.0 g) and shell weights from 2.8-29.1 g (mean: 18.1 g).