

**UNUSUAL INCIRRATE OCTOPODS FROM THE SOUTH SHETLAND ISLANDS,
ANTARCTICA, INCLUDING *BATHYPURPURATA PROFUNDA*, A NEWLY DISCOVERED
GENUS AND SPECIES OF DEEPWATER PYGMY OCTOPOD (CEPHALOPODA)**

Michael Vecchione¹, Louise Allcock² and Uwe Piatkowski³

¹*National Marine Fisheries Service, Systematics Laboratory, National Museum of Natural History,
Washington, DC 20560, USA.*

²*Marine Systems Research Group, School of Biology and Biochemistry, Queen's University Belfast,
97 Lisburn Road, Belfast BT9 7BL, UK.*

³*Leibniz-Institut für Meereswissenschaften IFM-GEOMAR, Forschungsbereich Marine Biologie,
Düsternbrooker Weg 20, D-24105 Kiel, Germany.*

ABSTRACT: Among the many octopods collected during recent Antarctic trawling were several species that do not belong to the common Antarctic pareledonin fauna. Three species are either poorly known or new to science, so we describe their morphology and anatomy. A very small (23 mm dorsal mantle length, ML) mature female of a fragile, dark purple species without an ink sac has suckers in a single series and proportionally huge salivary glands. We consider it to be a new genus and species. A single *Graneledone antarctica* Voss is unusual because it is the largest reported specimen (104 mm ML) and the first mature female. Six "*Bentheledone*" from a single deep (3213 m) sample and another, mature male caught nearby over five years later, may be *B. albida* (Berry), until now known only from the holotype. They are characterized by tiny posterior salivary glands, a small triangular calamus and small almost circular ligula.
