**Supplementary material**

**Biological and physical characterisation of the seabed surrounding Ascension Island from 100−1,000 m**

Nolan *et al.*

**Table S1.** Morphotypes identified from Shelf Underwater Camera System (SUCS) footage.

|  |  |  |
| --- | --- | --- |
| **Phylum** | **Group** | **Species/morphotype name** |
| Annelida | Polychaeta | *Serpula* sp. |
|  |  | *Spirorbis* sp. |
|  |  | Sabellidae sp. indet. |
|  | - | Echiura sp. indet. |
| Arthropoda | Pycnogonida | Pycnogonida sp. indet. |
| Brachiopoda | - | Brachiopoda sp. indet. |
| Bryozoa | Gymnolaemata | Gymnolaemata sp. indet. 1 (encrusting bryozoan) |
|  |  | Gymnolaemata sp. indet. 2 (erect bryozoan) |
| Chordata | Ascidiacea | *Didemnum* sp. |
|  |  | *Phallusia* sp. |
|  |  | Ascidiacea sp. indet. |
|  | Osteichthyes | *Apogon* sp. |
|  |  | *Arnoglossus* sp. |
|  |  | *Austrophysis* sp. |
|  |  | *Callionymus* sp. |
|  |  | *Epigomus* sp. |
|  |  | *Paranthias* sp. |
|  |  | *Saurida* sp. |
|  |  | *Scorpaena* sp. |
|  |  | *Symphurus* sp. |
|  |  | Osteichthyes sp. indet. |
| Cnidaria | Anthozoa | *Alcyonium* sp. |
|  |  | *Antipatharia* sp. |
|  |  | *Caryophyllia* sp. |
|  |  | *Isarachnanthus* sp. |
|  |  | *Lophelia* sp. |
|  |  | *Paramuricea* sp. |
|  |  | Pennatulacea sp. indet. 1 |
|  |  | Pennatulacea sp. indet. 2 |
|  |  | *Stichopathes* sp. |
|  |  | *Virgularia* sp. |
|  |  | Anthozoa sp. indet. 1 (tube anemone) |
|  |  | Anthozoa sp. indet. 2 |
|  |  | Anthozoa sp. indet. 3 |
|  |  | Anthozoa sp. indet. 4 |
|  | Hydrozoa | Hydrozoa sp. indet. |
| Crustacea | Cirripedia | *Megalasma* sp. |
|  |  | *Verruca* sp. |
|  | Malacostraca | *Alpheus* sp. |
|  |  | *Calcinus* sp. |
|  |  | *Calianassa* sp. |
|  |  | *Cataleptodius* sp. |
|  |  | *Chaceon* sp. |
|  |  | *Cinetorhynchus* sp. |
|  |  | *Munida* sp. |
|  |  | *Nematocarcinus* sp. 1 |
|  |  | *Nematocarcinus* sp. 2 |
|  |  | *Stylopandalus* sp. |
|  |  | *Sympagarus* sp. |
|  |  | Isopoda sp. indet. |
|  |  | Malacostraca sp. indet. 1 (shrimp) |
|  |  | Malacostraca sp. indet. 2 |
| Echinodermata | Asteroidea | *Astropecten* sp. 1 |
|  |  | *Astropecten* sp. 2 |
|  |  | Goniasteridae sp. indet. |
|  | Crinoidea | Crinoidea sp. indet. 1 |
|  |  | Crinoidea sp. indet. 2 |
|  | Echinoidea | *Cidaris* sp. |
|  |  | Echinoidea sp. indet. 1 |
|  |  | Echinoidea sp. indet. 2 |
|  | Holothuroidea | *Holothuria arenicola* |
|  |  | Holothuroidea sp. indet. |
|  | Ophiuroidea | Ophiuroidea sp. indet. 1 |
|  |  | Ophiuroidea sp. indet. 2 |
|  |  | Ophiuroidea sp. indet. 3 |
| Mollusca | Bivalvia | *Ctenoides* sp. |
|  |  | *Euvola* sp. |
|  |  | *Limaria* sp. |
|  |  | *Notolimea* sp. |
|  |  | *Pecten* sp. |
|  |  | *Pteria* sp. |
|  |  | Bivalvia sp. indet. |
|  | Cephalopoda | *Octopus* sp. |
|  | Gastropoda | Cypraeidae sp. indet. |
|  |  | *Cyatharomula* sp. |
|  |  | *Cyphoma* sp. |
|  |  | Gastropoda sp. indet. |
|  |  | *Gaza* sp. |
|  |  | *Harpa* sp. |
|  |  | *Mitrella* sp. |
|  |  | *Monoplax* sp. |
|  |  | *Nerita* sp. |
|  |  | *Philipia* sp. |
|  | Scaphopoda | Scaphopoda sp. indet. |
| Nemertea | - | Nemertea sp. indet. |
| Porifera | Calcarea | Calcarea sp. indet. |
|  | Demospongiae | Demospongiae sp. indet. 1 (burrowing sponge) |
|  |  | Demospongiae sp. indet. 2 (ghost sponge) |
|  |  | Demospongiae sp. indet. 3 (orange encrusting sponge) |
|  |  | Demospongiae sp. indet. 4 (tube sponge) |
|  |  | Demospongiae sp. indet. 5 (yellow sponge) |
|  |  | Demospongiae sp. indet. 6 |
|  |  | Demospongiae sp. indet. 7 |
|  | Hexactinellida | Hexactinellida sp. indet. |
| Sipuncula | - | Sipuncula sp. indet. |