El ecosistema mesofótico del archipiélago Espíritu Santo como refugio ante el cambio climático

The mesophotic ecosystem of archipelago Espíritu Santo as a refuge against climate change

Luis Eduardo Calderón Aguilera

Material suplementario 2.

Figura MS2.1 Abundancia de organismos observados en los videotransectos en el Parque Nacional Zona Marina del Archipiélago Espíritu Santo en abril y octubre de 2021.

Tabla MS2.1. Abundancia de las especies observadas en los videotransectos en el Parque Nacional Zona Marina del Archipiélago Espíritu Santo en abril y octubre de 2021.

| **Phylum** | **Clase** | **Orden** | **Familia** | **Género y especie** | **Cant. Org** |
| --- | --- | --- | --- | --- | --- |
| Echinodermata | Asteroidea | Valvatida | Acanthasteridae | Acanthaster plancii | 3 |
| Cnidaria | Anthozoa | Alcyonacea | Acanthogorgiidae | Acanthogorgia sp | 1 |
| Cnidaria | Anthozoa | Pennatulacea | Virgulariidae | Acanthoptilum sp | 4 |
| Cnidaria | Hydrozoa | Macrocolonia | Aglaopheniidae | Aglaophenia diegensis | 1 |
| Echinodermata | Asteroidea | Valvatida | Asterodiscididae | Amphiaster insignis | 62 |
| Cnidaria | Anthozoa | Antipatharia | Antipathidae | Antipathes galapagensis | 2 |
| Echinodermata | Asteroidea |  |  | Asteroidea | 4 |
| Echinodermata | Asteroidea | Valvatida | Asteropseidae | Asteropsis carinifera | 1 |
| Echinodermata | Asteroidea | Paxillosida | Astropectinidae | Astropecten sp | 2 |
| Echinodermata | Echinoidea | Diadematoida | Diadematidae | Centrostephanus coronatus | 2 |
| Cnidaria | Anthozoa | Scleractinia | Caryophylliidae | Ceratotrochus franciscana | 2 |
| Echinodermata | Asteroidea | Forcipulatida | Labidiasteridae | Coronaster marchenus | 1 |
| Echinodermata | Asteroidea | Paxillosida | Ctenodiscidae | Ctenodiscus crispatus | 1 |
| Echinodermata | Echinoidea | Diadematoida | Diadematidae | Diadema mexicanum | 1 |
| Echinodermata | Asteroidea | Spinulosida | Echinasteridae | Echinaster tenuispinus | 9 |
| Echinodermata | Echinoidea |  |  | Echinoidea | 3 |
| Cnidaria | Anthozoa | Zoantharia | Epizoanthidae | Epizoanthus sp | 2 |
| Echinodermata | Echinoidea | Cidaroida | Cidaridae | Eucidaris thouarsii | 1 |
| Cnidaria | Hydrozoa | Filifera | Eudendriidae | Eudendrium sp | 1 |
| Cnidaria | Anthozoa | Alcyonacea | Gorgoniidae | Eugorgia rubens | 20 |
| Cnidaria | Anthozoa | Alcyonacea | Gorgoniidae | Eugorgia sp | 773 |
| Cnidaria | Anthozoa | Alcyonacea |  | Gorgonacea | 38 |
| Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Heterogorgia sp | 26 |
| Mollusca | Gastropoda | Neogastropoda | Muricidae | Hexaplex princeps | 2 |
| Echinodermata | Holothuroidea | Aspidochirotida | Holothuriidae | Holothuria (Vaneyothuria) zacae | 1 |
| Echinodermata | Holothuroidea | Aspidochirotida | Holothuriidae | Holothuria fuscosinerea | 2 |
| Echinodermata | Holothuroidea | Aspidochirotida | Holothuriidae | Holothuria impatiens | 1 |
| Echinodermata | Holothuroidea | Aspidochirotida | Holothuriidae | Holothuria sp | 1 |
| Mollusca | Bivalvia | Ostreida | Gryphaeidae | Hyotissa sp | 1 |
| Echinodermata | Holothuroidea | Aspidochirotida | Stichopodidae | Isostichopus fuscus | 9 |
| Cnidaria | Hydrozoa | Filifera | Hydractiniidae | Janaria mirabilis | 2 |
| Mollusca | Bivalvia | Pectinida | Pectinidae | Leopecten diegensis | 1 |
| Cnidaria | Anthozoa | Alcyonacea | Gorgoniidae | Leptogorgia alba | 176 |
| Cnidaria | Anthozoa | Alcyonacea | Gorgoniidae | Leptogorgia sp | 36 |
| Echinodermata | Asteroidea | Valvatida | Ophidiasteridae | Linckia columbiae | 1 |
| Arthropoda | Malacostraca | Decapoda | Paguridae | Manucomplanus varians | 2 |
| Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Muricea austera | 541 |
| Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Muricea fruticosa | 233 |
| Cnidaria | Anthozoa | Alcyonacea | Plexauridae | Muricea sp | 1575 |
| Porifera | Demospongiae | Poecilosclerida | Mycalidae | Mycale adhaerens | 6 |
| Mollusca | Bivalvia | Myida | - | Myida | 2 |
| Cnidaria | Hydrozoa | Macrocolonia | Plumulariidae | Nemertesia antennina | 10 |
| Mollusca | Cephalopoda | Octopoda | Octopodidae | Octopus | 1 |
| Cnidaria | Anthozoa | Alcyonacea | Gorgoniidae | Pacifigorgia | 7 |
| Annelida | Polychaeta | Sabellida | Sabellidae | Parasabella sp | 1 |
| Mollusca | Bivalvia | Pectinida | Pectinidae | Pectinidae | 3 |
| Echinodermata | Asteroidea | Valvatida | Oreasteridae | Pentaceraster cumingi | 649 |
| Echinodermata | Asteroidea | Valvatida | Ophidiasteridae | Pharia pyramidata | 8 |
| Echinodermata | Asteroidea | Valvatida | Ophidiasteridae | Phataria unifascialis | 23 |
| Mollusca | Bivalvia | Pteriida | Pteriidae | Pinctada mazatlanica | 2 |
| Cnidaria | Hydrozoa | Macrocolonia | Plumulariidae | Plumularia sp | 1 |
| Echinodermata | Asteroidea | Valvatida | Ophidiasteridae | Tamaria stria | 1 |
| Cnidaria | Anthozoa | Zoantharia | Hydrozoanthidae | Terrazoanthus onoi | 50 |
| Echinoidea | Camarodonta | Toxopneustidae | Toxopneustes | Toxopneustes roseus | 11 |
| Echinoidea | Camarodonta | Toxopneustidae | Tripneustes | Tripneustes depressus | 2 |
| Indeterminados |  |  |  |  | 16 |