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

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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 |