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| --- | --- | --- |
| **Taxa** | **Tubes** | **Control** |
| **Rainy** | **Dry** | **Rainy** | **Dry** |
| **Nemertea**  |  |  |  |  |
| Nemertea  | 759.5 ± 92.7 | 632.9 ± 69.6 | 253.2 ± 39 | 253.2 ± 39 |
| **ANNELIDA** |  |  |  |  |
| *Armandia sp.* (P) | 379.7 ± 61.9 | 126.6 ± 28.3 | 126.6 ± 28.3 | 4303.8 ± 229 |
| *Capitela capitata* (P) |  | 1139.2 ± 156.3 |  |  |
| *Capitella* sp.(P) | 126.6 ± 28.3 | 1012.7 ± 111.7 |  |  |
| Capitellidae sp.1 (P) | 126.6 ± 28.3 |  |  | 126.6 ± 28.3 |
| *Dispio* sp. (P) |  | 126.6 ± 28.3 | 126.6 ± 28.3 |  |
| *Etone pacifica* (P) |  |  |  | 506.3 ± 51.9 |
| *Hemipodia* sp. (P) | 253.2 ± 56.6 |  |  |  |
| Hesionidae sp. (P) | 253.2 ± 56.6 |  |  | 126.6 ± 28.3 |
| *Laeonereis culveri* (P) | 2784.8 ± 235.6 |  | 3417.7 ± 495 | 126.6 ± 28.3 |
| Lumbrineridae (P) |  |  |  | 126.6 ± 28.3 |
| *Magelona* sp. (P) | 126.6 ± 28.3 |  |  |  |
| *Marphysa* sp. (P) | 126.6 ± 28.3 |  |  |  |
| *Mediomastus* sp. (P) |  | 4557.0 ± 567 | 1139.2 ± 176.5 | 1265.8 ± 166.8 |
| *Nephtys simoni* (P) | 2658.2 ± 176.5 |  | 2531.6 ± 164.3 | 3291.1 ± 148.6 |
| *Nereis* sp. (P) | 3544.3 ± 257.8 | 253.2 ± 39 | 1012.7 ± 176.2 |  |
| *Orbinia* sp. (P) | 253.2 ± 39 | 379.7 ± 61.9 | 379.7 ± 61.9 | 15443.0 ± 540 |
| Polynoidae sp. (P) | 126.6 ± 28.3 | 126.6 ± 28. 3 | 126.6 ± 28. 3 | 126.6 ± 28.3 |
| *Scolelepis squamata* (P) |  |  | 126.6 ± 28.3 |  |
| *Scoloplos* sp. (P) |  |  |  | 253.2 ±39 |
| *Sigambra* sp. (P) |  | 1139.2 ± 145.1 | 126.6 ± 28.3 | 379.7 ± 61.9 |
| *Spiophanes* sp. (P) |  |  | 126.6 ±28.3 |  |
| Terebellidae (P) | 126.6 ± 28.3 |  |  |  |
| *Thoracophelia papillata* (P) | 886.1 ± 84.9 |  |  |  |
| **MOLLUSCA** |  |  |  |  |
| *Anachis obesa* (G) | 2405.1 ± 392.8 |  | 126.6 ± 28.3 |  |
| *Corbula* sp. (B) | 253.2 ± 39 |  |  |  |
| *Cyrtopleura costata* (M) | 632.9 ± 115.2 |  |  |  |
| *Donax gemmula* (B) | 253.2 ± 39 |  | 126.6 ± 28. 3 | 126.6 ± 28.3 |
| *Hiatella* sp. (B) | 253.2 ± 39 |  |  |  |
| *Leukoma pectorina* (G) | 3544.3 ± 507 |  |  |  |
| *Leucozonia* sp. (G) | 126.6 ± 28.3 |  |  |  |
| *Littoraria angulifera* (G) | 506.3 ± 66.2 |  |  |  |
| *Littoraria flava* (G) | 1139.2 ± 199 |  |  |  |
| *Macoma* sp. (B) |  |  |  | 1012.7 ± 103.9 |
| *Melampus coffea* (G) | 126.6 ± 28.3 |  |  |  |
| *Mytella guyanensis* (B) | 1139.2 ± 145.1 |  |  |  |
| *Mytella* sp. (B) | 379.7 ± 46.4 |  |  |  |
| *Natica* sp. (G) | 126.6 ± 28.3 |  |  |  |
| *Neritina virginea* (G) | 126.6 ± 28.3 |  |  |  |
| *Olivella* sp.1 (G) | 632.9 ± 56.2 |  |  |  |
| *Olivella* sp.2 (G) | 253.2 ± 39 |  |  |  |
| *Phorontis vibex* (G) | 253.2 ± 39 |  |  |  |
| *Sphenia* sp. (B) | 632.9 ± 115.2 |  |  |  |
| *Thaisella* sp. (G) | 126.6 ± 28.3 |  |  |  |
| *Turbonilla* sp. (G) | 126.6 ± 28.3 |  |  |  |
| **ARTHROPODA** |  |  |  |  |
| Amphipoda sp. (A) |  |  |  | 126.6 ± 28.3 |
| *Excirolana armata* (I) |  | 379. 7 ± 46. 4 |  |  |
| *Austinixa bragantina* (D) |  |  |  | 759.5 ± 101.4 |
| *Lepidophitalmus siriboia* (D) | 632.9 ±115.2 | 253.2 ± 39 |  |  |
| Mysidacea (D) |  |  | 253.2 ± 39 | 126.6 ± 28. 3 |
| *Clibanarius symmetricus*(D) | 2911.4 ± 193.8 | 1265.8 ± 176. 6 | 126.6 ± 28. 3 |  |
| *Petrolisthes armatus* (MA) |  |  |  | 126.6 ± 28.3 |
| Porcelanidae sp. (MA) |   |   |   | 126.6 ± 28.3 |

**Supplementary material 1:** Mean density (ind.m-2) of the benthic macrofauna in two plots on Farol Beach (Algodoal-Maiandeua Island, on the Amazon coast of Brazil).