Table 2. Mean density (ind. m−² ± SE) of the benthic macrofauna at the study saltmarsh between seasons and sedimentary layers.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Rainy** | **Dry** | **Phylum** | **Class** | **Trophic group** |
| **Taxa** | **0-10cm** | **10-20cm** | **0-10cm** | **10-20cm** |  |  |  |
| Nemertea | 52.74 ± 18.81 | 10.54 ± 10.54 | 42.19 ± 17.99 |  | Nemertea |  | Predator |
| *Capitella capitata* | 147.67 ± 76.06 | 94.93 ± 84.08 | 3196.20 ± 1065.43 | 63.29 ± 33.05 | Annelida | Polychaeta | Deposive feeders |
| *Diopatra* sp. |  |  |  | 10.54 ± 10.54 | Annelida | Polychaeta | Omnivore |
| *Thoracophelia papillata* | 31.64 ± 31.64 |  |  |  | Annelida | Polychaeta | Deposive feeders |
| *Hesionidae* sp. |  |  | 10.54 ± 10.54 |  | Annelida | Polychaeta | Predator |
| *Heteromastus* sp. | 31.64 ± 16.52 |  |  |  | Annelida | Polychaeta | Deposive feeders |
| *Isolda pulchella* |  |  | 94.93 ± 38.56 |  | Annelida | Polychaeta | Deposive feeders |
| *Laeonereis culveri* | 527.42 ± 404.76 | 63.29 ± 42.67 | 337.55 ± 197.29 |  | Annelida | Polychaeta | Predator |
| *Mediomastus* sp. | 10.54 ± 10.54 |  |  |  | Annelida | Polychaeta | Deposive feeders |
| *Namalycastis abiuma* | 21.09 ± 14.22 |  | 31.64 ± 16.52 |  | Annelida | Polychaeta | Predator |
| *Neanthes succinea* | 232.06 ± 87.91 | 21.09 ± 14.22 | 189.87 ± 52.83 | 21.09 ± 21.09 | Annelida | Polychaeta | Predator |
| *Nephtys simoni* | 31.64 ± 16.52 | 10.54 ± 10.54 |  |  | Annelida | Polychaeta | Predator |
| *Notomastus lobatus* |  |  | 21.09 ± 21.09 |  | Annelida | Polychaeta | Deposive feeders |
| *Sigambra grubii* | 137.13 ± 83.12 | 31.64 ± 16.52 | 274.26 ± 107.76 | 42.19 ± 17.99 | Annelida | Polychaeta | Predator |
| *Streblospio* sp. |  |  | 21.09 ± 21.09 |  | Annelida | Polychaeta | Deposive feeders |
| *Naididae* sp. | 63.29 ± 52.3 | 21.09 ± 14.22 |  |  | Annelida | Oligochaeta | Detritivore |
| *Tubificidae* sp. | 42.19 ± 32.43 | 42.19 ± 28.44 | 210.97 ± 149.72 |  | Annelida | Oligochaeta | Detritivore |
| *Ceratopogonidae* (Larvae) | 42.19 ± 23.80 | 10.54 ± 10.54 | 21.09 ± 21.09 |  | Arthropoda | Insecta | Other |
| *Ceratopogonidae* (pupa) | 10.54 ± 10.54 |  |  |  | Arthropoda | Insecta | Other |
| *Dolichopodidae* (larvae) | 116.03 ± 72.17 |  | 31.64 ± 22.71 |  | Arthropoda | Insecta | Predator |
| *Alpheus* sp. |  |  |  | 10.54 ± 10.54 | Arthropoda | Crustacea | Suspensive feeders |
| *Cassidinidea fluminensis* | 63.29 ± 33.05 |  | 10.54 ± 10.54 |  | Arthropoda | Crustacea | Deposive feeders |
| *Cypridis* sp. | 10.54 ± 10.54 |  | 10.54 ± 10.54 |  | Arthropoda | Crustacea | Suspensive feeders |
| *Halmyrpseudes spaansi* |  | 10.54 ± 10.54 | 28681.43 ± 10232.57 | 232.06 ± 103.15 | Arthropoda | Crustacea | Deposive feeders |
| *Lepidophthalmus siriboia* |  | 10.54 ± 10.54 |  |  | Arthropoda | Crustacea | Suspensive feeders |
| *Ocypode quadrata* |  |  | 10.54 ± 10.54 | 10.54 ± 10.54 | Arthropoda | Crustacea | Omnivore |
| *Pseudosphaeroma jakobii* | 21.09 ± 14.22 | 21.09 ± 21.09 | 21.09 ± 14.22 |  | Arthropoda | Crustacea | Deposive feeders |
| *Uca cumulanta* | 10.54 ± 10.54 |  |  |  | Arthropoda | Crustacea | Omnivore |
| Bivalvia (juvenil) | 63.29 ± 36.54 |  | 42.19 ± 23.80 |  | Mollusca | Bivalvia | Suspensive feeders |
| *Clathrolucina costata* |  |  | 10.54 ± 10.54 |  | Mollusca | Bivalvia | Suspensive feeders |
| Hyalellidae sp. |  | 10.54 ± 10.54 | 10.54 ± 10.54 |  | Mollusca | Bivalvia | Deposive feeders |
| *Iphigenia brasiliensis* |  |  | 10.54 ± 10.54 |  | Mollusca | Bivalvia | Suspensive feeders |
| *Lucina pectinata* | 63.29 ± 63.29 |  | 52.74 ± 36.40 |  | Mollusca | Bivalvia | Suspensive feeders |
| *Semele* sp. | 42.19 ± 42.19 |  |  |  | Mollusca | Bivalvia | Suspensive feeders |
| *Tellina lineata* |  |  | 21.09 ± 21.09 |  | Mollusca | Bivalvia | Suspensive feeders |
| *Veneridae* sp. | 42.19 ± 42.19 |  | 42.19 ± 42.19 |  | Mollusca | Bivalvia | Suspensive feeders |
| Gasthropoda (juvenil) |  |  | 63.29 ± 33.05 |  | Mollusca | Gasthropoda | Predator |