**SUPPLEMENTARY MATERIAL**

**Factors affecting the seasonal variability of planktonic shrimps (Dendrobranchiata) along an estuary-ocean gradient on the Amazon Continental shelf**

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**Table S2.** Scores of Dendrobranchiata shrimp samples and taxa resulting from the Redundancy Analysis (RDA).

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Code** | **RDA1** | **RDA2** |
| Sample-1 | 1 | -0.45356 | 0.25086 |
| Sample-2 | 2 | -0.01587 | -0.45566 |
| Sample-3 | 3 | 0.31382 | -0.43162 |
| Sample-4 | 4 | 0.20428 | 0.19928 |
| Sample-5 | 5 | -0.45356 | 0.25086 |
| Sample-6 | 6 | 0.11074 | 0.41164 |
| Sample-7 | 7 | -0.28832 | -0.49072 |
| Sample-8 | 8 | 0.32528 | -0.19960 |
| Sample-9 | 9 | 0.12239 | -0.40341 |
| Sample 10 | 10 | -0.00049 | 0.59691 |
| Sample-11 | 11 | 0.18861 | 0.31021 |
| Sample-12 | 12 | -0.20362 | 1.60608 |
| Sample-13 | 13 | -1.16515 | -0.18171 |
| Sample-14 | 14 | -0.97823 | -0.13843 |
| Sample-15 | 15 | 0.22644 | -0.46089 |
| Sample-16 | 16 | -0.08920 | -0.14380 |
| Sample-17 | 17 | 0.02575 | 1.05242 |
| Sample-18 | 18 | -0.11664 | 1.34597 |
| Sample-19 | 19 | -0.45356 | 0.25086 |
| Sample-20 | 20 | -0.45356 | 0.25086 |
| Sample-21 | 21 | -0.12384 | -0.54018 |
| Sample-22 | 22 | 0.35695 | -0.38503 |
| Sample-23 | 23 | 0.34695 | -0.34228 |
| Sample-24 | 24 | 0.32406 | -0.08820 |
| Sample-25 | 25 | 0.01519 | 0.35925 |
| Sample-26 | 26 | 0.09802 | -0.10140 |
| Sample-27 | 27 | 0.34864 | -0.35743 |
| Sample-28 | 28 | 0.40067 | -0.32619 |
| Sample-29 | 29 | 0.34493 | 0.32772 |
| Sample-30 | 30 | 0.20806 | 0.61440 |
| Sample-31 | 31 | -0.66153 | -0.33414 |
| Sample-32 | 32 | 0.40426 | -0.29196 |
| Sample-33 | 33 | 0.35909 | -0.41096 |
| Sample-34 | 34 | 0.28575 | -0.16808 |
| Sample-35 | 35 | 0.21583 | 0.51499 |
| Sample-36 | 36 | 0.31502 | -0.31597 |
| Sample-37 | 37 | -0.92511 | -0.27150 |
| Sample-38 | 38 | 0.22966 | -0.00278 |
| Sample-39 | 39 | 0.31501 | -0.34520 |
| Sample-40 | 40 | 0.29683 | 0.21875 |

**Table S2.** Continued. Scores of Dendrobranchiata shrimp samples and taxa resulting from the Redundancy Analysis (RDA).

|  |  |  |  |
| --- | --- | --- | --- |
| Mysis II – *Acetes* spp. | MII-Ac | -0.17145 | -0.04668 |
| Post-larva – *Acetes* spp. | PL-Ac | -0.43275 | -0.11010 |
| Juveniles and Adults – *Acetes* spp. | JA-Ac | -0.31995 | -0.10326 |
| Mysis III – *Sergestes* spp. | MII-Sr | 0.01203 | 0.00903 |
| Post-larva – *Sergestes* spp. | PL-Sr | 0.01262 | 0.01662 |
| Mysis and post-larvae – Luciferidae | My-Lu | 0.36463 | -0.18274 |
| Juveniles and Adults – Luciferidae | JA-Lu | 0.55892 | -0.07680 |
| Mysis II – Solenoceridae | MI-So | 0.04314 | 0.03184 |
| Mysis II – Solenoceridae | MII-So | 0.02680 | -0.02836 |
| Mysis III – Solenoceridae | MIII-So | 0.02999 | 0.37799 |
| Post-larvae – Solenoceridae | PL-So | 0.00775 | 0.05792 |
| Mysis I – Sicyoniidae | MI-Si | 0.03758 | -0.06443 |
| Mysis II – Sicyoniidae | MII-Si | 0.03224 | -0.08650 |
| Mysis III – Sicyoniidae | MIII-Si | 0.03907 | 0.04517 |
| Post-larvae – Sicyoniidae | PL-Si | 0.00963 | 0.05555 |
| Mysis I – Penaeidae | MI-Pe | 0.06187 | 0.14491 |
| Mysis II – Penaeidae | MII-Pe | -0.02474 | 0.05369 |
| Mysis III – Penaeidae | MIII-Pe | -0.01343 | 0.13343 |
| Post-larvae – Penaeidae | PL-Pe | 0.03099 | 0.16858 |