

# Alpha diversity indices of seawater and *U. laetevirens* associated mic

|        |             |        | Alpha diversity index |         |         |          |
|--------|-------------|--------|-----------------------|---------|---------|----------|
| Sample | Matrix      | Season | Chao1                 | Shannon | Simpson | Observed |
| SMM    | <i>Ulva</i> | Summer | 307                   | 4.63    | 0.969   | 307      |
| PM     |             |        | 237                   | 3.47    | 0.900   | 237      |
| SG     |             |        | 439                   | 5.57    | 0.994   | 439      |
| SMM    |             | Autumn | 298                   | 4.47    | 0.972   | 298      |
| PM     |             |        | 234                   | 4.70    | 0.979   | 234      |
| SMM    | Seawater    | Summer | 410                   | 5.31    | 0.990   | 410      |
| PM     |             |        | 354                   | 5.22    | 0.988   | 354      |
| SG     |             |        | 232                   | 4.96    | 0.988   | 232      |
| SMM    |             | Autumn | 330                   | 4.88    | 0.983   | 330      |
| PM     |             |        | 378                   | 4.98    | 0.981   | 378      |

\* SMM: Santa Maria del Mare, PM: Porto Marghera, SG: San Giuliano.

\* W.: Winter, Sp.: Spring, S.: Summer, Au.: Autumn

icrobial community at Lagoon of Venice.