Appendix B. SIMPER analysis results

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Bight 1998 | | | | | | | |
| Group | R |  | T |  | N1 |  | N2 |
| Average similarity (%) | 48.05 |  | 42.29 |  | 43.47 |  | 51.47 |
| Family | Contrib% | Family | Contrib% | Family | Contrib% | Family | Contrib% |
| Spionidae | 28.28 | Spionidae | 38.51 | Spionidae | 65.28 | Sigalionidae | 33.76 |
| Ampharetidae | 12.67 | Onuphidae | 19.25 | Sigalionidae | 18.99 | Ampharetidae | 23.87 |
| Maldanidae | 9.33 | Glyceridae | 13.94 | Terebellidae | 5.61 | Onuphidae | 11.92 |
| Onuphidae | 8.99 | Cirratulidae | 10.1 | Cirratulidae | 4.45 | Lumbrineridae | 11.23 |
| Terebellidae | 5.85 | Lumbrineridae | 6.6 |  |  | Phyllodocidae | 4.35 |
| Sigalionidae | 5.06 | Oweniidae | 4.55 |  |  | Maldanidae | 3.91 |
| Cirratulidae | 4.35 |  |  |  |  | Polynoidae | 3.69 |
| Pectinariidae | 4.31 |  |  |  |  |  |  |
| Sternaspidae | 3.58 |  |  |  |  |  |  |
| Nephtyidae | 2.83 |  |  |  |  |  |  |
| Phyllodocidae | 2.1 |  |  |  |  |  |  |
| Sabellidae | 2.06 |  |  |  |  |  |  |
| Paraonidae | 1.88 |  |  |  |  |  |  |
| Bight 2003 | | | | | | | |
| Group | R |  | T |  | N1 |  |  |
| Average similarity (%) | 56.45 |  | 51.5 |  | 59.81 |  |  |
| Family | Contrib% | Family | Contrib% | Family | Contrib% |  |  |
| Spionidae | 17.85 | Spionidae | 20.58 | Glyceridae | 19.67 |  |  |
| Maldanidae | 11.33 | Cirratulidae | 18.39 | Spionidae | 16.2 |  |  |
| Cirratulidae | 8.15 | Sigalionidae | 13.57 | Cirratulidae | 15.38 |  |  |
| Onuphidae | 7.62 | Glyceridae | 7.74 | Onuphidae | 9.13 |  |  |
| Lumbrineridae | 7.22 | Orbiniidae | 6.11 | Sabellidae | 7.25 |  |  |
| Sigalionidae | 6.45 | Terebellidae | 5.59 | Fauveliopsidae | 7.14 |  |  |
| Terebellidae | 6.28 | Paraonidae | 5.12 | Terebellidae | 7.14 |  |  |
| Glyceridae | 5.23 | Capitellidae | 4.94 | Sigalionidae | 5.01 |  |  |
| Syllidae | 4.17 | Nephtyidae | 4.28 | Maldanidae | 4.62 |  |  |
| Orbiniidae | 3.3 | Oweniidae | 2.32 |  |  |  |  |
| Nephtyidae | 3.19 | Trichobranchidae | 2.21 |  |  |  |  |
| Ampharetidae | 2.58 |  |  |  |  |  |  |
| Sabellidae | 2.39 |  |  |  |  |  |  |
| Sternaspidae | 2.04 |  |  |  |  |  |  |
| Capitellidae | 2.02 |  |  |  |  |  |  |
| Paraonidae | 1.75 |  |  |  |  |  |  |
| Bight 2013 | | | | | | | |
| Group | R |  | T |  | N1 |  | N2 |
| Average similarity (%) | 63.21 |  | 62.55 |  | 65.31 |  | 77.52 |
| Family | Contrib% | Family | Contrib% | Family | Contrib% | Family | Contrib% |
| Spionidae | 15.26 | Spionidae | 18.6 | Spionidae | 40.25 | Spionidae | 56.4 |
| Cirratulidae | 10.48 | Chaetopteridae | 15.32 | Phyllodocidae | 7.93 | Phyllodocidae | 7.95 |
| Maldanidae | 9.77 | Cirratulidae | 6.52 | Chaetopteridae | 6.24 | Maldanidae | 7.47 |
| Ampharetidae | 8.36 | Onuphidae | 6.34 | Lumbrineridae | 4.84 | Chaetopteridae | 5.95 |
| Terebellidae | 5.2 | Maldanidae | 6.32 | Maldanidae | 4.77 | Ampharetidae | 3.29 |
| Onuphidae | 5 | Sigalionidae | 5.2 | Capitellidae | 4.72 | Dorvilleidae | 3.11 |
| Lumbrineridae | 4.88 | Ampharetidae | 5 | Magelonidae | 4.63 | Orbiniidae | 2.37 |
| Capitellidae | 4.53 | Phyllodocidae | 4.26 | Syllidae | 3.91 | Opheliidae | 2.11 |
| Nephtyidae | 3.98 | Sabellidae | 3.52 | Cirratulidae | 3.67 | Cirratulidae | 1.96 |
| Chaetopteridae | 3.74 | Terebellidae | 2.95 | Ampharetidae | 2.45 |  |  |
| Glyceridae | 3.51 | Syllidae | 2.78 | Onuphidae | 2.23 |  |  |
| Paraonidae | 3.32 | Paraonidae | 2.74 | Glyceridae | 2.21 |  |  |
| Goniadidae | 2.63 | Capitellidae | 2.74 | Nereididae | 2.08 |  |  |
| Sigalionidae | 2.25 | Magelonidae | 2.69 | Sabellidae | 1.98 |  |  |
| Sternaspidae | 1.99 | Orbiniidae | 2.18 |  |  |  |  |
| Amphinomidae | 1.98 | Goniadidae | 2.14 |  |  |  |  |
| Opheliidae | 1.37 | Nereididae | 2.07 |  |  |  |  |
| Pectinariidae | 1.27 |  |  |  |  |  |  |
| Polynoidae | 1.26 |  |  |  |  |  |  |