Figure S1. Kaandorp diagram for the characteristic species of the group defined in the cluster analysis (Figure 6). Data are the mean and standard error (±SE), percent of occurrence (%): exclusive (100%), characteristic (70-99%) and generalist species (< 69%), and frequency of occurrence (FO).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Cluster 1** |  |  |  | **Cluster 2** |  |  |  | **Cluster 3** |  |  |  |
|  | **Specie** |  | **mean±SE** | **%** | **FO** |  | **mean±SE** | **%** | **FO** |  | **mean±SE** | **%** | **FO** |  |
|   | *V. armata* |  | 6.72±2.17 | 49.52 | 100 |  | 5.80 | 42.67 | 50.00 |  | 1.05±0.21 | 7.80 | 15.38 |  |
|   | *H. stephenseni* |   | 5.84±1.36 | 50.35 | 100 |   | 2.62±0.27 | 22.66 | 100 |   | 3.12±0.69 | 26.97 | 84.62 |  |
|   | *P. elongata* |  | 7.08±4.38 | 52.31 | 50.00 |  | 3.02±0.13 | 22.31 | 100 |  | 3.43±0.67 | 25.37 | 69.23 |  |
|   | *P. gracilis* |  | 1.79 | 43.96 | 33.33 |  | 0.79 | 19.28 | 50.00 |  | 1.50 | 36.75 | 7.69 |  |
|   | *T. malmii* |  | 5.42±3.20 | 67.95 | 66.67 |  | 1.45 | 18.13 | 50.00 |  | 1.11±0.10 | 13.90 | 23.08 |  |
|   | *L. schizogeneios* |  |   |  |   |  | 3.15 | 8.11 | 50.00 |  | 4.23±0.80 | 13.97 | 92.31 |  |
|   | *P. semilunata* |  |   |  |   |  | 2.90 | 7.24 | 50.00 |  | 6.95±2.02 | 17.39 | 100 |  |
|   | *B. globiceps* |  | 0.89 | 35.37 | 33.33 |  |   |  |   |  | 1.63±0.27 | 64.62 | 38.46 |  |
|   | *P. brevidens* |  | 2.69 | 37.05 | 33.33 |  |   |  |   |  | 4.57±1.40 | 62.94 | 46.15 |  |
|   | *E. minuta* |  | 3.70±1.35 | 37.33 | 66.67 |  |   |  |   |  | 6.21±1.16 | 62.66 | 76.92 |  |
|   | *H. luzoni* |  |   |  |   |  | 1.45 | 42.02 | 50.00 |  | 2.00±0.47 | 57.97 | 69.23 |  |
|   | *P. atlantica* |  | 2.80 | 49.52 | 33.33 |  |  |  |  |  | 2.86±0.78 | 50.47 | 23.07 |  |
|   | *H. stebbingi* |  |   |  |   |  |  |  |  |  | 1.31±0.11 | 47.39 | 30.77 |  |
|   | *R. whitei* |  | 1.79 | 56.25 | 33.33 |  |  |  |  |  | 1.39±0.18 | 43.74 | 23.07 |  |
|   | *H. vosseleri* |  | 2.80 | 58.84 | 33.33 |  |  |  |  |  | 1.96±0.65 | 41.15 | 61.53 |  |
|   | *L. bengalensis* |  | 5.61 | 61.05 | 33.33 |  |  |  |  |  | 4.52±1.08 | 36.71 | 15.38 |  |
|   | *P. gracilis* |  |   |  |   |  |  |  |  |  | 1.50 | 36.75 | 7.69 |  |
|   | *H. longipes* |  | 7.78±1.53 | 63.29 | 66.67 |  |  |  |  |  | 4.52±1.08 | 36.71 | 84.61 |  |
|   | *T. forcipatus* |  | 2.74±0.04 | 63.87 | 66.67 |  |  |  |  |  | 1.55±0.31 | 36.12 | 38.46 |  |
|   | *T. fusca* |  |   |  | 75.00 |  |  |  |  |  | 1.62±0.29 | 26.58 | 53.85 |  |
|   | *S. challengeri* |  |   |  |   |  |  |  |  |  | 0.49 | 25.49 | 7.69 |  |
|   | *L. shoemakeri* |  |   |  |   |  |  |  |  |  | 2.00 | 24.97 | 7.69 |  |
|   | *A. bispinosus* |  |   |  |   |  |  |  |  |  | 0.59±0.02 | 24.93 | 38.46 |  |
|   | *B. rapax* |  |   |  |   |  |  |  |  |  | 0.80 | 22.38 | 7.69 |  |
|   | *P. promontori* |  |   |  |   |  |  |  |  |  | 3.06±0.70 | 17.77 | 53.85 |  |
|   | *S. antennarius* |  |   |  |   |  |  |  |  |  | 0.70 | 15.70 | 7.69 |  |
|   | *A. blossevillei* |  | 0.89 | 24.57 | 33.33 |  |  |  |  |  |  |  |  |  |
|   | *P. latreillei* |  | 2.69 | 18.87 | 33.33 |  |  |  |  |  |   |   |   |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Specie** |  | **mean±SE** | **%** | **FO** |  | **mean±SE** | **%** | **FO** |  | **mean±SE** | **%** | **FO** |  |
|   | *S. challengeri* |  |   |  |   |  | 1.44 | 74.50 | 50.00 |  |   |  |   |  |
|   | *P. latreillei* |  |   |  |   |  |  |  |  |  | 11.56±2.73 | 81.12 | 92.30 |  |
|   | *A. blossevillei* |  |   |  |   |  |  |  |  |  | 2.75±0.40 | 75.42 | 84.62 |  |
|   | *S. antennarius* |  | 3.76±2.03 | 84.29 | 66.67 |  |  |  |  |  |  |  |  |  |
|   | *L. schizogeneios* |  | 22.95±9.54 | 75.66 | 100 |  |  |  |  |  |  |  |  |  |
|   | *P. semilunata* |  | 30.14±11.35 | 75.36 | 100 |  |  |  |  |  |  |  |  |  |
|   | *B. rapax* |  | 2.80 | 77.61 | 33.33 |  |  |  |  |  |  |  |  |  |
|   | *A. bispinosus* |  | 1.79 | 75.06 | 33.33 |  |  |  |  |  |  |  |  |  |
|   | *L. shoemakeri* |  | 6.00±1.28 | 75.02 | 75.00 |  |  |  |  |  |  |  |  |  |
|   | *T. fusca* |  | 4.47±0.57 | 73.41 | 100 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Specie** |  | **mean±SE** | **%**  | **FO** |  |  |  |  |  | **mean±SE** | **%**  | **FO** |  |
|   | *A. glaber* |   |   |  |   |   |   |   |   |   | 0.70 | 100 | 7.69 |  |
|   | *P. ovoides* |  |   |  |   |  |  |  |  |  | 0.71 | 100 | 7.69 |  |
|   | *B. macrocephalus* |  |   |  |   |  |  |  |  |  | 1.56±0.38 | 100 | 15.38 |  |
|   | *E. armata* |  |   |  |   |  |  |  |  |  | 2.77±0.18 | 100 | 53.84 |  |
|   | *E. laticarpa* |  |   |  |   |  |  |  |  |  | 3.17±0.67 | 100 | 61.53 |  |
|   | *G. milneedwardsi* |  |   |  |   |  |  |  |  |  | 0.50 | 100 | 7.69 |  |
|   | *H. parviceps* |  |   |  |   |  |  |  |  |  | 1.84±0.45 | 100 | 15.38 |  |
|   | *H. sibaginis* |  |   |  |   |  |  |  |  |  | 1.98±0.24 | 100 | 23.07 |  |
|   | *L. themistoides* |  |   |  |   |  |  |  |  |  | 0.83±0.12 | 100 | 30.76 |  |
|   | *L. zamboangae* |  |   |  |   |  |  |  |  |  | 1.85±0.49 | 100 | 30.76 |  |
|   | *O. clausi* |  |   |  |   |  |  |  |  |  | 0.67±0.07 | 100 | 15.38 |  |
|   | *O. piscator* |  |   |  |   |  |  |  |  |  | 0.85±0.14 | 100 | 15.38 |  |
|   | *P. crassipes* |  |   |  |   |  |  |  |  |  | 1.15±0.10 | 100 | 38.46 |  |
|   | *P. campbelli* |  |   |  |   |  |  |  |  |  | 2.44 | 100 | 7.69 |  |
|   | *P. promontori* |  |   |  |   |  |  |  |  |  | 3.07±0.76 | 100 | 53.85 |  |
|   | *P. bucephala* |  |   |  |   |  |  |  |  |  | 1.37 | 100 | 7.69 |  |
|   | *P. curvipes* |  |   |  |   |  |  |  |  |  | 1.37 | 100 | 7.69 |  |
|   | *P. pacifica* |  |   |  |   |  |  |  |  |  | 2.47±0.78 | 100 | 15.38 |  |
|   | *P. sedentaria* |  |   |  |   |  |  |  |  |  | 0.69 | 100 | 15.38 |  |
|   | *P. stebbingi* |  |   |  |   |  |  |  |  |  | 1.07±0.12 | 100 | 30.76 |  |
|   | *P. dunbari* |  |   |  |   |  |  |  |  |  | 0.71 | 100 | 7.69 |  |
|   | *P. armatus* |  |   |  |   |  |  |  |  |  | 0.49 | 100 | 7.69 |  |
|   | *P. parva* |  |   |  |   |  |  |  |  |  | 0.69 | 100 | 7.69 |  |
|   | *P. macropa* |  |   |  |   |  |  |  |  |  | 1.50±0.01 | 100 | 23.07 |  |
|   | *B. crusculum* |  | 0.90 | 100 | 33.33 |  |  |  |  |  |   |  |   |  |
|   | *L. tennuirostris* |  | 0.90 | 100 | 33.33 |  |  |  |  |  |   |  |   |  |
|   | *P. gracilis* |  | 1.79 | 100 | 33.33 |  |  |  |  |  |   |  |   |  |
|   | *P. capito* |  | 2.80 | 100 | 33.33 |  |  |  |  |  |   |  |   |  |
|   | *S. stenstrupi* |  | 1.85±0.68 | 100 | 66.67 |  |  |  |  |  |   |  |   |  |
|   | *T. sphaeroma* |  | 2.80 | 100 | 33.33 |  |  |  |  |  |   |   |   |  |