APPENDIX 1 -Relative abundance counts for all 14 collections.

|  | PQEB1 | PQEB1-1 | PQEB1-2 | PQEB2 | PQEG3 | PQBT4 | I7758EG | I77EG2 | 177EG3 | I77BT1 | I7760BT | 17767.5BT | 17774LH | 17777LH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Illaneus | 78 | 47 | 25 | 25 | 28 | 100 | 10 | 26 | 11 | 11 | 4 | 0 | 0 | 0 |
| Bumastoides | 34 | 30 | 22 | 16 | 19 | 2 | 7 | 10 | 6 | 2 | 7 | 0 | 0 | 0 |
| "Stenopareia" | 22 | 16 | 16 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Thaleops | 0 | 0 | 0 | 0 | 9 | 24 | 28 | 21 | 17 | 7 | 9 | 6 | 0 | 0 |
| Sphaerexochus | 25 | 24 | 9 | 8 | 21 | 0 | 18 | 29 | 13 | 0 | 2 | 0 | 0 | 0 |
| Calyptaulax | 0 | 0 | 0 | 1 | 8 | 2 | 8 | 10 | 7 | 6 | 0 | 1 | 11 | 6 |
| Amphilichas | 13 | 5 | 4 | 5 | 2 | 1 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| Hyboaspis | 3 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carickia | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probolichas | 4 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| "Decoroproetus" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 9 | 2 | 0 | 0 |
| Raymondaspis | 0 | 0 | 0 | 0 | 3 | 0 | 2 | 1 | 0 | 9 | 2 | 4 | 9 | 4 |
| Scotoharpes | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| "Encrinuroides" | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Acanthoparypha | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pliomerella | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nileus | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 17 | 5 | 2 | 1 | 5 |
| Ampyx | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 40 | 9 | 15 | 0 | 0 |
| Arthrorhachis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 0 | 0 | 0 | 0 |
| Remopleurides | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Telephina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Harpidella | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 |
| Robergia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Isotelus | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 24 | 2 | 4 | 24 | 22 |
| Dionide | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 |
| Holdenia | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Salteria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |

