| | | | | , , , , , , , , , | | | | | | raw_morphology_data | | | | | | | | | | | |
|---|---|---|-----------------------|--|--|---------------------|---|-----------------------|--|---|--|--------------------------------|-----------------|-----------------------------------|--------------------------------------|----------------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------------|---------------------------|
| M2 Aby | oyla bicarinata oylopsis tetragona | VFSS 13-04-11 | 111.2 172.8 | 7.8 35 17.3 27 | Heteroneme shaft free length 542.367629 7079.18456 | 76.5 44.7 | (um) Heteroneme numb | 12 5 | 9.2 9 4.8 10 | n) Desmoneme length (um .3 18. .8 26. | 6 11.8 9 17 | hopaloneme length (um) 12.7 15 | 5.4 | Cnidoband length (um) 308.3 862.5 | 308.3 914.9 | 50.9 65.9 | ploneme row number (um) 7 7 | Tentacle width (um) Pedicl 45.6 | 16.3 16.7 | strand width (um) Involuce 12.2 25.9 | 0 |
| T6 Aby | pylopsis tetragona pylopsis tetragona | SL0303S JSL I 2950-CG-7 | | 16.4 | 5941.66802 6714.22097 | 101 78.8 | 6.7 6.1 5.6 | 8 4 | 5.8 8 42 9 | .5 18. .6 20. .6 16. | 4 15.5 8 13.9 | 12.3 22.7 12.4 | 5.3 | 558 | 399.2 689.6 617.3 | 52.2 62.7 61.6 | 7 7 7 | 35 34.7 31.8 | 16.7 27.5 28.5 | 11.4 11.7 11.7 | 68.5 105.9 121.7 |
| V4 Aga | galma clausi | JSL I 2953-CG-3 BWP 1092-6 VF2016-5 | | | 7127.505 9299.55488 2758.96751 | | 3.1 10.4 7.1 | 8 4 | 0.8 7 5.6 6 5.9 | 16 14. 12 8. 4 5. | 6 5.3 | 7.2 7.8 | | 439.4 274.8 517.1 | 474 850.5 1835.9 | 48.5 123.6 83.9 | 7 18 13 | 71.3 175.2 85.7 | 32.6 43.4 71.2 | 8.9 24.4 15.4 | 82.6 662.6 369.4 |
| l9 Aga | galma elegans | RI3-7-18 | 123.1 | 18.4 21 | 7321.92788 1821.93897 7775.69221 | 71.5 | 6.8 4 6.2 | 9 3 | 3.7 5 | .9 5. .7 5. .7 4. | 9 4.2 | 8.9 7 8 | 2.4 1.7 2 | 304.3 268.2 358.2 | 1131.2 1135.9 1374.9 | 62.8 68.1 71.7 | 14 14 14 | 101.9 66.4 93.4 | 82.3 53.5 47.6 | 20.2 31.7 24 | 312.5 295.7 394.3 |
| B9 Aga | jalma okeni | SL0205T BWP 786-19 BWP 792-36 | 93 | 18.4 | 0161.03448 6486.11149 6467.51322 | 43.5 | 5.7 3.5 4.3 | 43 6 | 1.3 7 | .5 8. | 2 4.5 2 6.5 8 3.7 | 6.4 5 11.8 | 1.5 | 266.6 679.4 630.8 | 1215.8 5152 2966.7 | 46.9 84.6 103.9 | 10 14 12 | 103.1 139.6 88.9 | 48.7 61.2 30.4 | 22.1 25 19.7 | 310.3 734.7 630 |
| D9 Aga H9 Aga | galma okeni galma okeni | | 135 | 21.6 35 19.4 26 | 5104.59026 6603.38296 30674.7222 | 76.5 | | 52 56 59 55 | 6.8 10 3.5 12 | .1 6. | 5 4.3 7 4.7 | 9.9 8.2 7.9 | 2.7 | 1010.8 997 631.5 | 4908.9 4581.5 4060.6 | 126.2 125.5 96.1 | 14 14 | 88.5 119 126.9 | 41.2 72.9 60.5 | 27.4 26.7 24.9 | 1076.1 1123.7 765.8 |
| P2 Am B11 Apo | nphicaryon earnesti polemia lanosa | Discovery St. 7856#24 D1024-D1 | 18.9 23.7 | 9.6 9 ⁻¹ 14.8 2 ⁻⁷ | 12.0190464 718.137453 | 26.2 | 3.6 | | 7.5 | 4 5. | | 9.9 | | 57.4 | 62.2 | 26.3 | 7 -1 | 63.5 | -1 | -1 | -1 |
| O7 Apo | polemia lanosa | D858-D6 D614-D2 D668-SS1 | | 5.325 | 191.348283 929.769905 1911.34944 | 35.5 | 2.4 5.225 3.8 | -1 -1 -1 | -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 - | -1 - -1 - -1 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 51.5 52.6 32.1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 |
| A9 Apo | polemia rubriversa | D552-SS8 D558-D4 D651-D5 | 14.6 | 9 | 715.087405 619.20936 11.1760192 | 26 | 3.2 2.1 1.7 | -1 -1 -1 | -1 - -1 - | -1 - -1 - -1 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 7.8 17.8 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 |
| O10 Apo | polemia rubriversa | D551-D5 T673-D2 D668-D7 | 13.8 | 9 | 446.594148 585.28008 4732.66332 | | 1.8 2.8 4 | -1 -1 -1 | -1 - -1 - | -1 - -1 - -1 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 24.3 26.7 66.7 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 |
| N6 Ath | horybia rosacea | NorthBergen 12-01-97 D725-BW4-7 BWP 1035-18 | 47.3 | 16.5 | 792.940442 6742.61973 513.403882 | 41.7 | | | | | 1 -1 6 5 4 6.6 | -1 6.8 8.8 | | -1 175.6 279.7 | -1 514.9 551.5 | -1 53 61.1 | -1 7 | 76.1 106.2 102.8 | -1 92.2 38.9 | -1 9.7 10.4 | -1 180 203.8 |
| P6 Ath | horybia rosacea | BWP ATR-1010 BWP 451.00 | 31.5 32.7 | 13.9 3 ⁻¹ 11.9 2 ⁻² | 186.689814 424.606769 | 25 35.5 | 3.8 | 4 29 | 6.5 4 2.5 4 | .4 6. .4 6. | 8 4.7 7 4.3 | 7.7 6.7 | 2.4 | 114 108.5 | 216 155.7 | 55.4 46 | 9 | 112.8 58.1 | 58.6 14.6 | 12.8 8.9 | 119.8 150.8 |
| E2 Bai | argmannia amoena | BWP 1036-10 D861-D12 JSL II 992-CGP3 | | 65.8 2 ⁻¹ 56 12 | 23807.5238 | 74.9 59.2 | 12.6 | 11 1 | 4.1 9 1.4 11 | | 1 11 1 -1 1 -1 | 7.5 -1 -1 | 2.5 -1 -1 | 4621.3 1163.7 | 487.8 6593.5 1391.2 | 54.5 82.6 140 | 4 8 | 83.5 260 120 | 61.3 78 39 | 6.7 -1 -1 | 0 0 |
| F9 Bai | argmannia amoena | D861-D12 JSL II 995-D3 JSL I 2657-D8 | 95 | 65.4 21 | 38421.8045 12754.4927 35722.7225 | 60 | 16.1 13.4 10.8 | 4 1: | 3.8 13 | .5 - .8 - .3 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 5424.4 664.5 874.2 | 9056.5 748.9 1121.5 | 45.8 80 131.3 | 4 4 12 | 300.4 127.2 200 | 75.9 53.3 57.8 | -1 -1 -1 | 0 0 |
| J8A-B Bai | argmannia elongata | D494-SS9 D328_SS12 D856-D3 | | | 65777.5782 36605.7608 | 50.6 57.7 | 9.1 6.9 | 4 | 8.5 6 7.5 | 6 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 2395.8 507.1 | 3293.5 793.1 | 62.5 | 8 | 160 128.8 136.9 | 28.5 50.2 | -1 -1 -1 | 0 |
| W4 Bai | argmannia elongata | D960-SS3 D554-SS3 D153-SS1 | 87.6 | 56.2 | 85667.0394 44869.3045 143530.397 | 74.1 | 12.3 11 9.8 | 4 | 5.1 5 | | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 2328 2286.1 404.2 | 3920.4 2595 561.8 | 40.4 36.6 30 | 4 4 8 | 300 250 220 | 120.8 64 38.2 | -1 -1 -1 | 0 0 |
| A2 Bai | argmannia lata | D555-SS1 BWP 1497-15+16 | 158.6 1 73.8 | 114.1 10 10.3 40 | 081120.518 099.495831 | 135.6 49.8 | 19.1 | 12 1 1 8 4 | 7.8 13 1.6 6 | .7 - | | -1 10 | -1 3.4 | 4297.1 | 12682.7 237.4 | 100.4 53.3 | 7 | 37.1 | 145.7 26.2 | -1 8.6 | 26.1 |
| Z1 Cer | eratocymba dentata eratocymba leuckarti | JSL I 2633-DS1 BWP 933-2 BWP 1034-4 | 154.3 108 | 13.2 14 9.3 48 | 831.746688 4077.10748 890.905712 | 138 94.1 | 4.5 3.6 2.7 | 18 3° 8 4 | 7.4 7 5.4 8 | .8 15. .1 12. .2 17. | 9 6.8 4 8.7 | 10.8 13.4 | 3.4 | 416.6 304.7 | | 41.3 57 | 7 | 44.8 38.7 | 91.7 43.1 18.8 | 33.8 6.6 14.1 | 727.2 0 25.5 |
| L7 Ch | nelophyes appendiculata nelophyes appendiculata nelophyes appendiculata | BWP 24052004.00 | | 5.8 | 12.9573376 181.892958 1091.39184 | 40.6 | 1.9 1.8 1.6 | | 6.8 4 | .5 13. | 2 4.3 6 8.1 8 4.5 | 8.9 14.6 8.7 | 3.3 | 124.4 225.3 143.1 | 191.1 277.5 162.1 | 14.8 50 28.7 | 7 7 7 | 12.3 57.4 39.5 | 4 10.3 11.1 | 6.3 7.1 7.7 | 8.9 8 19.4 |
| S3 Ch | nelophyes appendiculata nelophyes appendiculata nuniphyes moserae | | | 5.6 | 68.3314176 037.750067 102.484384 | 34.3 | 2.52.99.1 | 10 1 | 5.2 9.7 5.7 5 | 3 11. 4 16. .7 9. | 5 6.9 | 8.6 8.2 9.3 | 2.1 | 128.9 161.4 158.9 | 139.6 169.6 232.5 | 20.4 30.8 40.3 | 7 7 7 | 12.4 | 6.2 4.2 43.5 | 6.5 3.5 | 25.6 15.4 |
| W8 Ch | nuniphyes multidentata nuniphyes multidentata nuniphyes multidentata | D493-SS2 | 119 74.4 85.4 | 7.3 20 | 3987.7376 075.956714 1609.75584 | | 0.0 | 12 3 | | 5 13. .7 8. .5 12. | 1 6.5 | 9.1 9.4 | | 212.3 145.9 249.5 | 269.7 223.1 324.5 | 34.9 29.6 29.9 | 7 7 7 | 72.1 30 29.2 | 16.9 21.6 20.7 | 12.3 7.9 5.1 | 35.7 57.8 |
| X10 Chi Y10 Chi | nuniphyes multidentata nuniphyes multidentata | D1023-SS12 D1025-SS9 | 98.2 104.8 | 7.7 30 8.8 42 | 048.544761 249.386803 | | 3.6 2.6 | 40 3 34 3 | 7.1 4 9.9 5 | .9 11. .2 13. | 7 7.7 8 8.4 | 12.8 12.2 | 2.9 | 267 238.5 | 435.6 332.8 | 54 36.5 | 7 | 68.9 31.2 | 23.1 | 7.9 13.7 | 0 |
| F10 Co G8 Co | - | GOC D728-BW7-3 Oceanus 368-25-19A B | 14.1 14.9 | 6.5 6.7 35 | 576.082678 311.92161 50.2156196 349 52918 | | 3 1.5 1.9 | | 9.6 | .9 11. .9 - | 1 6.3 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 108.3 35.9 35.9 | 108.3 35.9 35.9 | 76.5 34.6 34.5 | 7 11 10 | 31.2 15.4 27.9 | 17.2 7.3 7.9 | -1 3.7 4.2 | 11.6 13.5 |
| 18 Co O4 Co | ordagalma ordinatum | BWP 816-6 VFSM - Totton spec. CC BWP 370-6-6 | 13.6 | 5.9 24 4.4 1 | 349.52918 47.8806176 121.642752 | 6.4 7.2 | 1.6 1.8 1 | 5 1 | | .6 - | 1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 57.5 33.1 40.1 | 57.5 33.1 40.1 | 32.5 31.2 25.8 | 8 | 7.7 7.2 | 17.5 5.5 4.1 | 3.5 4 2.9 | 10 11.1 0 |
| T9 Cra | aseoa lathetica aseoa lathetica | D330-S11 D497-SS6 | 84.5 64.8 | 8.3 30 8.7 25 | 316.464152 047.982938 568.107203 | | 3 3.5 4.3 | 32 50 36 4 | 4.7 5 | .8 2 .8 1 .4 16. | | 23.7 31.8 14.6 | 8.8 2.1 | 232.6 | 476.2 560.4 460.2 | 68.1 82 60 | 7 7 7 | 24.3 166 49.4 | 9.7 37 9.9 | 10.8 39.4 11.7 | 56.9 273 42.5 |
| V7 Cra | aseoa lathetica | T1043-SS7 D614-D4 D611-SS7 | | 8.6 | 967.829726 376.859763 549.496365 | 56.1 | 3.6 2 3.8 | 36 3 | 9.2 6 | .1 11. .8 7. .8 13. | 3 5.1 | 21.9 7.8 14.5 | 1.8 | 226.9 | 342.8 534 403 | 43.7 53.2 55.5 | 7 7 7 | 58.6 200 260 | 20.2 34.2 60 | 11.8 10.4 11.6 | 50.1 51.3 51.1 |
| E10 De: | esmophyes haematogaste esmophyes haematogaste esmophyes haematogaste | T847-D5 T854-D5 | 59 46.6 | 12.3 46 10.6 27 | 673.711196 741.557034 | 36.4 40.1 | 3.3 3.8 3.1 | 8 2 | 1.9 4 6.6 3 | .1 11. .3 10. .9 14. | 7.1 8 8.3 | 13.8 24.2 13.1 | 3.3 | 155.1 175 294.4 | 210.9 267.4 370.9 | 29.2 49 49.1 | 7 | 24.7 34.4 81.2 | 13.3 15.2 69.9 | 8.3 6.7 29.6 | 55.9 |
| V8 Des | esmophyes haematogaste | W3642-SS3 BWP 1060-2 | 50.9 60.8 | 11.7 36 5.4 92 | 648.288244 28.3051008 | 39.9 36.7 | 3.1 2.1 | 8 2 | | .1 9. 3 8. | 2 4.4 6 5.1 | 9.4 7.3 | 3.5 1.6 | 141.9 132.7 | 204 157.5 | 39 | 7 | 33.9 | 31.9 13.6 | 9.8 | 24.1 22.8 |
| K9 DipW6 Dip | phyes dispar phyes dispar | | 82 122.5 | 6.2 16 10.9 7 | 068.346867 650.429088 7620.59221 | 65.1 101 | 2.6 2.4 3 | 6 3 | 1.9 5 | 6 17. .5 12. .7 1 | 7 7.6 5 9.5 | 9.2 13 15.6 | 4.1 3.6 | 209.9 216.6 | 213.1 228.8 260.4 | 35.1 28 45.5 | 7 7 7 | 24.5 68.6 60.8 | 13.3 11.3 16.7 | 9.1 10.5 | 54 53 34.4 |
| Y6 Dip | phyes dispar enna laciniata | | 79.2 140.6 | 9.8 39 22.1 35 | | 66.2 116.7 | | 6 202 4 | 6.7 4 9.9 16 | .9 1 .8 12. .3 - | 3 6.2 5 7.9 1 -1 | 17.2 12.1 -1 | | 261 158.5 1945.7 | 305 262.2 2275.9 | 36 37.4 112.3 | 7 7 25 | 52.8 39 1200 | 27 15.3 209.7 | 7.5 -1 | 36.6 0 |
| L11 Ere | enna laciniata | D325-SS1 | 98.7 | 16.8 | 2413.39282 4585.97128 91561.0712 | 92.9 | 5.2 1 | 70 | 17 9 | .9 - .7 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 2275 1712 16103 | 2587 2267 16604 | 146 271.2 255.9 | 11 15 32 | 800 1600 1280 | 317.3 131.8 513.7 | -1 -1 -1 | 0 0 |
| W2 Ere | enna richardi enna sirena | JSL II D1456-DS1 D860-D6 | 136.9 181.9 | 26.9 5 ⁻¹ 18.6 32 | 1868.97263 2950.21293 | 125.8 | 12.4 10 7.5 2 | 080 66 250 25 | 6.2 21 | .5 - | 1 -1 1 -1 1 -1 | -1 -1 | -1 -1 | 12733.6 4474.1 4247 | 12733.6 4474.1 4247 | 828.4 264.2 441 | 26 12 20 | 1200 1280 | 231.5 170.1 204.7 | -1 -1 -1 | 0 |
| K6 For | orskalia asymmetrica | JSL II 1684-D1 JSL II 1680-D4 | 41.4 42.6 | 19.2 79 17.7 69 | 991.024026 988.046234 897.234989 | 30.7 | 4.3 1 5.1 1 | 50 5 | 6.7 7 1.5 6 | | 1 7.6 | 18.4 10.1 | | 1232.2 661.1 | 3273.9 2302.7 2960.5 | 150 125.8 112.9 | 19 17 19 | 264.9 206.9 | 85.5 50.5 | 23 29.3 13.8 | 0 |
| U1 For G11 For | orskalia asymmetrica | T595-SS3 JSL II 987-D7 | 67 48.3 | 18.9 12 16.5 6 | 2531.35545 6885.16983 | 29.8 | 5.9 3.7 | 46 196 462 | 9.5 8 | .3 12. .2 14. | 9 9.2 5 7.6 | 17.7 14.1 | 5.8 4.7 | 1028.8 1134.4 | 2501.2 2797 | 230.3 161.5 | 24 | 320 93.1 | 109.8 64.7 | 31.9 22.8 | 0 |
| D6 For | rskalia edwardsi | BWP 529 For39 BWP 599-21 For13 D722-BW1-1 | 37.6 | 15.3 46 | 768.897933 608.614102 095.646246 | | | 24 29 | 9.8 6 | | 9 10.2 6 6.7 8 5.9 | 13.8 11.1 10.2 | 4.4 | | 937 891 778.6 | 88.1 105.9 74.5 | 13 16 13 | 80 82.2 43.5 | 71 61.2 31.5 | 16.3 17.5 19.1 | 0 0 |
| B6 For | rskalia edwardsi | BWP 1042-6 BWP 542-15 D666-D11 | 35 | 13.7 | 315.140335 3439.60694 652.815969 | 19 | 3.24.24.6 | | 2.9 7 | | 9 6.1 3 6.1 5 10.5 | 8.2 11 13 | 3.1 3 5.7 | 379.5 351.8 751.9 | 776.4 779.3 1668.6 | 77.3 91.5 113 | 16 13 16 | 53.5 90 100 | 34.4 56.9 43.7 | 18.6 16.2 8.7 | 0 0 |
| E6 Fril | illagalma vityazi | BWP 1072-2 D964-D8 D665-D4 | 63.5 | 16.8 93 | 0849.23495 384.084864 2734.29521 | 41.3 | 5.8 6.4 4.9 | 3 3 | 4.2 | .3 14. 4 - | 2 8 1 -1 1 -1 | 11 -1 -1 | 4.3 -1 -1 | 601.4 98.2 164 | 1378 115 185 | 101.5 25 35 | 16 5 5 | 106.5 51.8 51.6 | 62.5 33.6 10.2 | 11.2 7.2 6 | 0 0 122.4 |
| G6 Fril | illagalma vityazi illagalma vityazi | D457-SS3 D858-SS4 | 81.5 88.9 | 32 2 36.8 63 | 43697.5616 3037.21769 | 73.4 64.1 | 6.1 | 3 4.3 5.5 | 5.8 7 9.8 7 | .5 - | 1 -1 | -1 -1 | -1 -1 | 143.4 185.5 | 243.7 215.8 | 43.5 91 | 5 | 62 75.3 | 47.7 30.6 | 10.9 8.2 | 155 185.5 |
| I10 Gyr U10 Gyr | mnopraia lapislazula | D1020-SS1 | 83.9 | 10.6 49 10.9 58 | 0092.66227 935.979294 804.091863 | 49.6 59.4 | 4.7 2.5 2.9 | 2 2: | 2.1 4 9.1 5 | | 0 8.2 8 5 | 10.4 | 2.5 | 202 | 159.6 185.5 244.4 | 36.4 41 43.6 | 7 | 65.4 62.7 116 | 14.8 13 24.9 | 6.5 9 17.5 | 146.9 39.8 0 |
| W10 Gy | mnopraia lapislazula | D1022-SS3 D1022-SS5 D965-D4 | 87.7 | 11.2 57 | 563.723334 760.169677 770.621624 | 71.8 | 2.33.34.3 | 2 3 | 0.2 6 | | 7 6.9 7 6 4 6.7 | 12.7 11.4 9.8 | 2.4 | 184.1 200.7 196.9 | 245.4 226.5 218.7 | 40.1 37.4 47.5 | 7 7 7 | 66.9 89.9 34.7 | 37 16.3 14.7 | 16.9 18.4 12.5 | 24.9 16.2 70.9 |
| U2 Hal | alistemma foliacea | Discovery St. 3185 SL0401ST VF 16-04-2003 | 83.8 | | 1530.65375 2438.93087 8594.894 | 53.5 | 7.2 9.2 4.4 1 | | | .9 31. .8 1 | | 20.4 28.1 14.7 | 11.3 | | 12904.8 | 97.2 421.7 224.7 | 21 36 26 | 114.3 | 58.5 264.2 34.8 | 23.8 182.3 72.2 | 37.2 487.2 0 |
| T3 Ha | alistemma rubrum | D720-D1 D339-D12 JSL II 2656-DS6 | 39.6 | 15.5 | 3311.92367 4981.47804 925.974635 | | 5.3 1 4.7 3.1 | | 6.6 1.5 2.5 6 | | 8 6.9 4 4.8 9 3.7 | 14.1 17.8 10.2 | 5.2 | 1499.9 816.4 978.5 | 6648.2 2609.3 2354.4 | 216.5 71.5 159.5 | 26 18 20 | 260 170.6 140 | 137.2 64.7 38.8 | 51.1 41.9 27 | 0 0 18.8 |
| N3 Hall | alistemma transliratum | SL0301T VF#6 Discovery St. 7824#56 | 72.8 65.3 | 25.4 24 7.4 18 | 4592.26049 872.303541 303.994696 | 58.6 39.9 | 8.5 2.7 3.4 | 8 2 | 7.2 | .1 19. 4 14. .7 14. | 3 9.1 2 8.6 | 26.2 7.5 11.6 | 10 | 1673.6 101.6 114.9 | 7780.4 137.8 155.5 | 252.7 81.6 33.4 | 24 7 | 33.9 109.2 | 175 15.2 12.6 | 7.3 | 261.3 49.8 22.8 |
| G7A-B Hip | ppopodius hippopus | BWP 1027-12 VF#7 | 61.7 60.4 | 7.6 18 10.7 36 | 866.001491 620.796626 | 42.7 49.5 | 2.4 2.6 | 8 2 | 1.7 4 4.7 4 | .3 | 8 5.4 1 5.2 | 13.4 13.2 | 2.7 | 91.7 115.4 | 198 198.7 | 33.2 31.5 | 7 7 | 54.6 55.6 | 6.2 | 5.8 7.9 | 18.8 |
| G3 Kep | ephyes ovata | VF#8 D856-D8 JSL I 2953-SS11 | 85.1 | 6.7 | 2891.47628 2000.22478 198.724604 | 73.9 | 2.8 2 1.8 | 12 3 | 2.4 5 2.9 4 1.6 | .2 10. .2 12. 4 10. | 6 7.9 | 12.5 12.9 10.9 | 3.2 | 106.4 112.5 146.4 | 123 121 165.1 | 34.6 54.5 33.6 | 7 7 7 | 34.6 18.4 | 13.6 18.7 14.9 | 9 8.5 9.1 | 73.6 12.3 15.6 |
| B8 Ler | nsia conoidea | D499-SS4 JSL I 2941-SS11 JSL I 2935-DS5 | 54.8 | 5.9 99 | 98.8130768 24.2888192 | | 2.61.61.8 | 6 22 | 2.7 3 | .7 8. | 4 4.9 3 4.5 7 4.4 | 11.2 10.8 12.9 | 2.7 | 144.2 139.1 164.7 | 181.5 166 195.1 | 33.7 29.8 38.3 | 7 7 7 | 41.7 17.5 17.5 | 14.7 5.7 15.1 | 9.3 7 9.1 | 27.7 36.2 22.5 |
| J10 Lily | yopsis fluoracantha | D500-D4 V4098-SS4 D963-D8 | | 12.8 | | | 3 4.3 6.2 | 8 29 36 59 28 5 | 9.6 5 9.4 7.6 10 | .1 13. 8 15. .1 2 | 8 11 | 8.2 23.5 24.3 | 5.5 | 147.2 674 548.5 | 226.4 698.2 940.5 | 40.2 116.8 104.8 | 5 7 7 | 22.3 80 78.7 | 20.1 23 25.7 | 6.2 21.8 14.7 | 10.1 22.4 151.8 |
| C7 Lyc | • | WF BWP 30-09-06 JSL II 990-SS1 D331-D8 | 74.2 | 20.1 15 | 392.095242 5696.24099 0842.11529 | 55.7 | | 516 5 | 9.5 | .2 22. .5 - | 8 13.2 1 -1 | 13 -1 -1 | 3.2 -1 -1 | 254.6 1693.6 2591 | 400.6 11727 18895 | 43.3 183.6 200.2 | 7 15 22 | 52.8 800 800 | 44.4 164.1 221.2 | 7.7 90.4 61.1 | 131.4 1693.6 2591.5 |
| F3 Lyc | chnagalma utricularia | D962-D4 JSL II 1673-6 | 74.8 82.5 | 18.7 13 15.2 9 | 3695.70676 9980.23488 | 59.2 64.9 | 7.4 8 5.9 4 | 334 6 196 4 | 0.8 12 3.4 7 | .8 - | 1 -1 | -1 -1 | -1 -1 | 2748.7 2599.7 | 19276 48619.4 | 215.4 215.4 | 15 23 | 600 276.5 | 240 75.9 | 93 83.4 | 2748.7 2200 |
| C11 Ma | arrus claudanielis arrus claudanielis | | 94.9 | 22.2 24 23.1 28 | 3951.97336 4489.04218 8135.39834 | 75.8 82.9 | 5.9 2 5.8 2 | 212 4 | 4.9 9 | .7 21. .9 16. | 8 12.1 | 23.5 | 6.4 | | 13621.1 6272 21510 | 183.1 167.8 122.8 | 24 19 13 | | 128.8 136.2 97.8 | 40.2 | 1519.3 0 113.6 |
| Z8 Ma | arrus claudanielis arrus orthocanna | D959-SS2 T1105-D5 D858-D11 | | 21.2 | 6696.69686 8943.80611 3702.06144 | 52.1 | | 318 4 | 8.2 6 1.6 1.3 | 6 16. 4 14. | 8 6.3 | 17.5 17.8 13.8 | 3.4 | 1196.9 | 7994.2 6521.2 691.4 | 138.4 96.3 102.6 | 21 15 16 | 235 400 80.7 | 136.9 62 38.6 | 35.4 37.2 14.3 | 0 0 27.5 |
| A6 Na | anomia bijuga | D1023-SS2 VF2016-6 D860-BW1-C | 19.4 | 10.8 | 235.892294 184.810458 195.839278 | | 3.3 1 3.4 3 | 8 1 | 7.4 3 | .6 15. .7 14. .1 11. | 8 8 | 19.9 20.3 9.7 | 4.1 | | 7100.6 569 1562.5 | 194.6 67.2 43.5 | 22 11 14 | 19.2 | 108.3 14.6 76.6 | 14.9 24.6 15.6 | 378.3 54.8 122.5 |
| Y5 Na | anomia bijuga | D663-SS8 BWP 1048-17 Sep 21, 2014 | 31.1 | 14.4 33 | 14146.7468 376.641946 533.487685 | | 7 4.3 6.4 3 | 32 2 | | .6 14. .1 14. 5 25. | 7 7.2 | 19.4 18.4 23.9 | 4.5 | | 5156.6 1225.9 5823.9 | 166.4 82.4 187.5 | 28 15 27 | 228 67.9 156 | 130 28.4 122.7 | 33.2 25.6 85.8 | 490.5 206.7 821.1 |
| A10 Nai | anomia cara anomia cara | BWP 1420-11 1445-4 2138-S9 | 28.2 27.7 | 16.1 38 13.5 2 | 827.370439 2643.30297 2471.01239 | 19.1 21.9 | 2.3 4.7 | 60 3 38 2 | 1.4 6 7.5 4 | | 9 4.3 1 6.5 | 9.8 9.4 18 | 2.3 | 299.8 | 1084.3 1019.5 5319.9 | 81.5 73.5 114 | 13 13 20 | 44.6 | 22.7 27.9 28 | 11.6 17.7 171.2 | 58.6 0 436.6 |
| Z9 Naı M11 Naı | anomia cara anomia cara | BWP 1420-10 BWP 1448-3 Discovery St. 10111#6 | 27.6 30.8 | 9.4 1 11.2 20 | 1276.92217 | 20.1 | 4.5 | 54 25 56 25 | 3.1 7 | .5 12. .5 10. | 9 7.1 | 12.5 | 4 | 242.4 | | 80.8 | 15 17 | 51.4 | 33.7 31 9.2 | 27.6 21.4 6.7 | 0 56.8 |
| 17 Phy J7 Phy | nysalia physalis nysalia physalis | TX026 YPM35011 Pp20130706WH | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 0 | 24 18 20 17 | 9 .8 - .5 - | 1 -1 1 -1 1 | -1 -1 | -1 -1 | 529.7 629.5 591 | 576.3 280.4 646.3 | 193.7 222.3 329.1 | 21 13 38 | 288.9 1111 283 | 146.5 136.5 101.1 | -1 -1 | 0 |
| V2 Phy X9 Phy | nysalia physalis nysalia physalis | WH 20130706 Corm#3 YPM35012 | -1 -1 | -1 -1 | -1 -1 4888 04270 | -1 -1 | -1 -1 | 0 2 | 7.6 25 8.8 18 | .6 - | -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 1312.7 559.8 | 1674.9 714.8 | 534.6 197 | 42 34 | 683.1 221.1 | 278.3 185.9 | -1 -1 -1 | 0 |
| B2 Phy | nysophora hydrostatica | | 58.1 103.4 | 15.4 72 23.7 30 | 4888.94272 214.682306 0410.03141 | 42 73.9 | 6.3 5.8 7.5 | 9 33 | 2.2 5 2.4 7 | .1 - | 1 5.2 1 -1 | 9.5 -1 | 2.3 | 391.9 918 | 1762.4 5004.4 | 230.5 58.2 113.5 | 26 10 16 | 113.7 256.5 | 52.7 69.5 80 | 32.4 13.4 25 | 0 451 1085.2 |
| O9 Phy X4 Phy | | EN543-T1 EN182 1845-5 | 86.1 58.9 | 18.3 15 12.2 45 | 4086.14637 5097.49758 590.231554 | 60.7 49.2 | 5.1 5.2 5.9 | 47 5i 20 2i | 0.2 10 6.1 4 | .7 - | 3 5.9 7 4.6 1 -1 | 12.1 15.1 -1 | 3 -1 | 921.5 917.5 365.6 | 4408.5 4718.1 1725.3 | 83.2 119.9 54.1 | 12 17 10 | | 203.1 82 59.7 | 30.1 31.7 16.8 | 990 999.4 430.5 |
| S8 Pra | aya dubia | JSL I 1003-S8 JSL II 1684-2 (9) D962-T1 | 145 | 15.5 | 7669.24328 18240.2605 015.248458 | 104.5 | 3.8 4.3 4.4 | 50 8 | 0.1 8 | .8 17. .6 14. .7 13. | 6 11 | 25.6 30.5 18.5 | 6 | 319.9 420.5 253 | 692.3 893.2 550.9 | 57.3 92.6 59.9 | 7 7 7 | 45 107.1 123.4 | 21.6 37.2 61.3 | 10.3 12.4 7.6 | 0 0 |
| D5 Pra U5 Res | aya reticulata esomia dunni | KOK17_D Trawl022117 | 207.9 277.1 | 15 44.8 29 | 24492.699 | 167.7 233.3 | 7.9 15.4 | 72 9 | 7.9 10 3.9 11 | .9 18. .5 36. .7 20. | 5 13 7 18.1 | 33.3 28.9 24.8 | 7.6 10.7 | 671.7 | 1913.9 12820 4892.1 | 78.1 342.5 191.4 | 7 27 22 | | 99.4 136.4 75.7 | 24.4 101.8 48.9 needMa | 0 ature |
| S10 Res | esomia ornicephala | D1025-D10 D1025-SS5 D965-D7 D1025-SS6 | 66 65.8 | 15.1 78 15.5 8 | 879.478376 8277.30442 17144.8317 | 37.7 50.5 | 6.6 1 5.2 2 | 94 6 | 3.3 10 | .7 20. .1 18. .4 19. | 7 14.2 3 16.9 | 24.6 24 25.5 24.1 | 7.2 7.2 | needMature 1446.4 1877 | 4692.1 4757.5 5097.7 6223.3 | 191.4 163.3 195.7 112.8 | 25 22 22 24 | 356.2 | 168.9 173.1 108.3 | 45.2 35.7 33.5 | 444.7 676.3 302.1 |
| X1 Res | esomia persica nizophysa eysenhardti | D343-D9 BWP 862-3 | | | | | 5.5 1 7.9 -1 | 0 19 | | .4 30. .5 - | | 24.1 23.7 -1 | | 1458.6 337.3 | 7060.5 337.3 | 207.5 41.5 | 24 14 2 | 191 95.8 | 108.3 184.6 23.1 | 33.5 75.7 -1 | 0 |
| X7 Rhi | nizophysa eysenhardti nizophysa eysenhardti | SL0200ST BWP 634-6 BWP 794-3 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 0 13 | 8.7 12 5.6 14 | .4 - | 1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 789 1377 2224 | 789 1377 2224 | 104.5 33.6 43.8 | 5 2 2 | 289 299.6 73.7 | 67 33.1 19.2 | -1 -1 -1 | 0 0 |
| A7 Rhi | nizophysa filiformis | BWP 814-3 BWP 566-16 BWP 588-21 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 0 2 | 3.8 | .9 - 22 - .8 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | -1 -1 -1 | 935 148.9 109.5 | 935 148.9 109.5 | 29.5 125.2 91.4 | 7 | 118.6 383.4 199 | 49.6 77.3 55 | -1 -1 -1 | 0 0 |
| M9 Rhi | nizophysa filiformis nizophysa filiformis | BWP 567-8 BWP 566-17 BWP 1565-4 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | -1 -1 -1 | 0 3 | 1.9 2 | 28 - 23 - .5 - | 1 -1 1 -1 1 -1 | -1 -1 | -1 -1 | 157.3 220 129.8 | 157.3 220 129.8 | 118 106.9 123.4 | 5 8 | 231.7 256.2 243.8 | 78.7 105.1 120.8 | -1 -1 -1 | 0 |
| Q6 Ros | osacea cymbiformis | D723-BW2-2/3 BWP 506.00 | | 6.2 | 732.754192 038.562694 0940.58587 | 44.9 | 2.3 1.6 6.7 | 18 | 32 4 | .7 12. .8 1 | 9 8.1 0 8.8 7 9.4 | 11.1 14.2 12.1 | 3.8 | 155.1 108.7 444 | 349.2 194.5 464.4 | 45.3 24 56.6 | 7 7 - | 37.6 40 74.2 | 6.7 18.7 57.5 | 7.8 2.7 12.8 | 58.4 43.4 104.7 |
| V3 Ros K10 Spl | osacea plicata ohaeronectes koellikeri | WF Trawl 31-07-07 V4098-SS5 | 89.5 21.5 | 10.4 50 | 068.615552 316.220366 | 69.1 | 4.7 2.2 | 6 1: | 2.1 1 | | 3 6.7 8 3.9 | 18.6 4.9 | 4.8 1.6 | 252 48.2 | 261.1 61.3 | 53 13.7 | 7 7 7 | 74 16.1 | 15.1 5.9 | 4.1 2.3 | 46.4 21 |
| X8 Spi B3 Ste | phaeronectes koellikeri ephanomia amphytridis | JSL I 2888-CG6 1/2 | 21.8 28.3 170.6 | 41 | | 18.5 124.3 | | 4 1 | 43 18 | .9 7. .2 53. | 7 2.5 7 4.1 5 30.9 | 5.7 6 53.8 | 1 11.8 | | 60.7 65.4 28453.3 | 13.5 14.8 790.23 | 7 7 30 | 15.6 10.4 1440 | 4.8 5.6 205.9 | 2.3 3.1 289 | 19.9 16.4 0 |
| N8 Ste O8 Ste | ephanomia amphytridis ephanomia amphytridis ephanomia amphytridis | JSL I 2688-CG6 D555-D7 | 158.8 | 40.8 | 68421.2325 138410.954 67081.2176 | 130 127.7 118 | 14.4 5 | 554 119 | 9.1 19 | .6 3 .9 5 .7 36. | 5 20 0 34.3 9 26.2 | 42.5 47.9 39.1 | 15.6 | 7807 | 25592 19662.2 17430 | 701 886.3 477 | 49 53 30 | 1000 1100 1008.5 | 536.7 363.4 590.9 | 336.6 507.7 412 | 0 0 |
| J11 Ste | ephanomia amphytridis ephanophyes superba ephanophyes superba | JSL I 2667-DS8 BWP 571-9 | 90.3 | 45.2 17 7.1 23 | 78859.8164 383.439243 415.414682 | | | 34 4 | 5.8 19 3.2 6 | .7 35. .3 12. .3 20.8 | 2 18.9 9 10.6 | 42 22.5 18.6 | | 6849 604 483.55 | 17707 1098 858 | 820 60 81.95 | 55 7 7 | 44.6 84.15 | 325.1 33.9 22 | 340.3 13.9 9.8 | 0 44 69 5 |
| P8 Sul Q8 Sul | Ilculeolaria quadrivalvis | BWP 556-2 BWP 512 SUQ 16 | 30.2 36 | 4.4 30 5.7 6 | 06.1342592 612.423504 | 23.6 29.2 | 2 2.1 | 8 2 | 11 2 | .5 3. 4 9. | 1 2 9 7 | 3.6 8.1 | 1.1 | | 105.1 174.4 | 24.5 42.6 | 7 7 | 23.3 31 28.7 | 7.1 14.9 | 5.2 8.6 7.6 | 22.4 28.5 11.9 |
| X2 Sul H11 Sul | ulculeolaria quadrivalvis ulculeolaria quadrivalvis ulculeolaria quadrivalvis | 1349-22 BWP 1051-3 | 29.7 | 6.2 79 3.7 21 | 196.03584 99.0492048 12.8920948 | 26.7 18.6 | 1.8 2.1 1.1 | 6 1 | 7.9 | | 9 8.9 3 5.4 | 11.3 7.4 10.3 | 1.5 3.2 | 103.9 | 106.1 108.5 120.2 | 28.8 15.2 22.1 | 7 7 7 | 28.7 35.2 15.7 | 14.9 15 6.1 | 7.6 3.7 5.3 | 11.9 12.8 12 |
| N1 Vog | gtia glabra gtia serrata | D856-SS3 | 174.3 | 24.8 37 24.6 55 | | | 3 7.8 6.1 | 12 | 57 6 | 11. 6.6 13. | 7 6.6 4 8.1 | 18.8 13.5 19.6 | 2.8 5.8 | 318.4 735.8 | 2103.2 | 54.1 61 | 7 7 | 51.4 280 | 8.5 83.1 | 8.9 12.3 | 76 173.8 |
| R7 Vog | gtia serrata | D153-D6 | | 22.3 | 8067.70863 | 96.3 | | | 9.2 7 | .3 18. .8 13. .3 13. | 7.8 | 16.7 17.6 16.2 | 4.4 | 477.2 | 865.8 929.1 1655.3 | 76.6 69.4 70.8 | 7 7 7 | 232 172.4 134 | 40.3 53.6 43 | 12.5 13.6 13.7 | 69.2 71.8 330.5 |
| T7 Vog N2 Vog | gtia serrata gtia spinosa | | 187.1 | 23.4 53 27.3 5 | 3642.02203 | 126.1 | 5.6 11.2 | 6 3 | | .5 17. .7 16. 5 14. | 3 11.6 1 9.1 | 18.6 10.6 16.3 | 3 | 582.1 407.4 4551 | 1254.8 | 80.7 50 142.2 | 7 7 18 | 179.2 97.8 250 | 24.4 16.6 70.6 | 28.1 10.1 20.3 | 121.7 88.7 0 |
| R11 Ere | enna richardi enna richardi | JSL II 1456-D1 T751-DS03 | 146.4 171.1 | 26.5 53 31 86 | 3831.00184 6094.02956 | 115.9 119.6 | 7.6 18 10.1 16 | 330 3602 33 | 0.2 14 3.1 1 | .8 - | 1 -1 | -1 -1 | -1 -1 | 15657.5 21103.7 | 15657.5 21103.7 | 685.5 868.8 | 32 44 | 1400 2600 | 478.2 468.3 | -1 -1 | 0 0 |
| Y11 Res | esomia ornicephala yopsis fluoracantha | | 68.8 171.3 | 14 7 17.7 28 | | 55.5 | 5.4 1 5.4 | 20 6 | 7.5 9 | 7 17. .8 19. .4 23. | 4 14.6 | 24.7 26.6 25.9 | 6.3 | needMature 568.5 | 5249.4 3688.4 873.9 | 72.8 199.5 85.8 | 7 | 220 80 500 | 143.5 134 21.6 | 38.6 106.7 needMa 13.4 | 72 |
| A13 Bat C13 Ere | athyphysa conifera enna richardi | | -1 167.6 | -1 28.3 70 | | | -1 9.2 11 | 0 2 | 8.7 19 | 982 - | 1 -1 1 -1 1 -1 | -1 -1 -1 | | 989 -1 24943.2 | 4638.2 -1 24943.2 | 170.6 -1 1341.9 | 18 -1 50 | | 228.2 -1 636.6 | 42.3 -1 -1 | 1606.1 -1 0 |
| V11 De: | esmophyes haematogaste | D335-D5 : T749-SS6 JSL II 1678-DS7 | 76.1 | 9.3 | 3446.27708 | 71.2 | 4.9 | 60 4 | 1.5 6 | .4 22. .1 17. .3 13. | 4 8.6 | 39.2 17.8 17.9 | 3.4 | 294.3 | 428.6 | 310.1 57.5 49.2 | 28 7 7 | 477.3 103.4 90.4 | 130.7 50.5 33.7 | 60.2 11.6 13.5 | 122.1 0 47.3 |
| T11 Pra N11 Spl | aya dubia phaeronectes koellikeri | JSL II 990-CGP2 Manko_VIF18.95 | 184.4 24.8 | 11.9 13 | 3672.70606 324.632 | 153.2 18.4 | 6.2 1.5 | 36 55 4 11 | 5.8 8 0.9 2 | .8 10. | | 25.1 6.9 | 1.9 | 296.1 41 3546.5 | 698.8 | 70.3 13.7 425.8 | 7 7 28 | 102.6 15.4 | 43.1 5.9 -1 | 9.3 2.4 -1 | 46.1 8.1 |
| | phaeronectes koellikeri | BWP 528005.00 | | | | | | | | | 6 3 | 7.2 | | 41.2 | | 19.3 | 7 | 5.4 | 3.6 | 3.2 | 5.4 |