# Species Rarity Summary Table

| Species | taxa | P50ARMS1 | P50ARMS2 | P50ARMS3 | RODARMS1 | RODARMS2 | RODARMS3 | RUNARMS1 | RUNARMS2 | RUNARMS3 | RUNARMS4 | RUNARMS5 | RUNARMS6 | RUNARMS7 | RUNARMS8 | RUNARMS9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ascc\_Lissoclinum\_sp1 | Ascidiacea |  |  |  |  |  |  |  |  | ✓ |  | ✓ | ✓ |  | ✓ | ✓ |
| Ascc\_Ascidia\_archaia | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Didemnidae\_sp1 | Ascidiacea |  | ✓ |  |  |  |  | ✓ |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ascc\_Lissoclinum\_sp2 | Ascidiacea |  |  |  |  | ✓ |  |  |  | ✓ |  |  |  |  |  |  |
| Ascc\_Cystodystes\_sp | Ascidiacea |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  | ✓ |
| MSP12\_ASCS | Ascidiacea |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP13\_ASCC | Ascidiacea | ✓ | ✓ |  | ✓ | ✓ | ✓ |  |  |  | ✓ |  |  |  |  | ✓ |
| Ascc\_Polysyncraton\_milleporae | Ascidiacea |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Botryllus\_sp1 | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |  |  |
| MSP14\_ASCS | Ascidiacea |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP15\_ASCC | Ascidiacea | ✓ |  |  |  |  |  | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP15\_ASCS | Ascidiacea |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Botryllus\_gregalis | Ascidiacea |  |  |  |  |  |  | ✓ |  |  | ✓ |  |  | ✓ |  |  |
| MSP16\_ASCS | Ascidiacea |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| MSP17\_ASCC | Ascidiacea |  |  |  |  |  |  |  |  | ✓ |  | ✓ |  |  |  |  |
| Ascc\_Botryllus\_sp2 | Ascidiacea |  |  |  |  |  |  |  |  | ✓ |  |  |  |  |  |  |
| Ascc\_Aplidium\_sp | Ascidiacea |  |  |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ascs\_Polycarpa\_sp | Ascidiacea |  |  |  | ✓ |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ascc\_Trididemnum\_sp | Ascidiacea |  |  |  |  |  |  |  |  | ✓ |  |  |  |  |  |  |
| Ascc\_Botryllus\_sp3 | Ascidiacea |  |  | ✓ |  |  |  |  |  |  |  |  |  | ✓ |  |  |
| Ascc\_Botryllus\_tuberatus | Ascidiacea | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Botryllus\_sp6 | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP26\_ASCC | Ascidiacea | ✓ | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| MSP27\_ASCC | Ascidiacea | ✓ | ✓ |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP28\_ASCC | Ascidiacea | ✓ | ✓ | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP29\_ASCC | Ascidiacea |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Eusynstyela\_hartmeyeri | Ascidiacea |  | ✓ | ✓ |  |  |  |  | ✓ |  |  |  | ✓ |  | ✓ | ✓ |
| MSP2\_ASCS | Ascidiacea |  |  |  |  |  |  |  | ✓ |  |  |  |  |  |  | ✓ |
| MSP30\_ASCC | Ascidiacea |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP32\_ASCC | Ascidiacea |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP33\_ASCC | Ascidiacea |  |  | ✓ | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP34\_ASCC | Ascidiacea |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP35\_ASCC | Ascidiacea |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP36\_ASCC | Ascidiacea |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Polysyncraton\_sp1 | Ascidiacea |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Symplegma\_sp1 | Ascidiacea |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Polyclinum\_sp1 | Ascidiacea |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| Ascc\_Botryllus\_sp4 | Ascidiacea |  |  |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |
| Ascc\_Styela\_canopus | Ascidiacea |  |  |  | ✓ |  |  |  | ✓ |  |  |  |  | ✓ | ✓ | ✓ |
| Ascc\_Botrylloides\_sp1 | Ascidiacea |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP41\_ASCC | Ascidiacea |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |
| Ascc\_Didemnidae\_sp4 | Ascidiacea |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP43\_ASCC | Ascidiacea |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |
| Ascc\_Symplegma\_sp2 | Ascidiacea |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |
| Ascc\_Botryllus\_sp7 | Ascidiacea |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |
| Ascc\_Didemnidae\_sp2 | Ascidiacea | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ascc\_Ascidia\_sydneiensis | Ascidiacea |  |  |  | ✓ |  |  |  |  |  | ✓ |  |  | ✓ |  | ✓ |
| Ascc\_Botryllus\_sp5 | Ascidiacea |  |  |  |  |  |  |  | ✓ | ✓ |  |  |  | ✓ |  |  |
| MSP5\_ASCS | Ascidiacea |  |  |  | ✓ | ✓ |  |  |  |  |  |  | ✓ |  |  | ✓ |
| Ascc\_Polysyncraton\_rostrum | Ascidiacea | ✓ | ✓ |  | ✓ |  |  | ✓ | ✓ | ✓ |  |  | ✓ | ✓ | ✓ | ✓ |
| MSP6\_ASCS | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |
| MSP7\_ASCC | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |
| Ascc\_Didemnidae\_sp3 | Ascidiacea | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ascc\_Ascidia\_fictile | Ascidiacea |  |  |  |  |  |  |  |  | ✓ |  |  |  |  |  |  |
| MSP9\_ASCC | Ascidiacea |  |  |  |  |  |  |  |  |  |  |  |  | ✓ | ✓ | ✓ |
| MSP9\_ASCS | Ascidiacea |  |  |  | ✓ |  |  | ✓ |  |  |  |  |  |  |  |  |
| Biv\_P50 | Bivalvia | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| Pina | Bivalvia |  |  |  |  |  |  | ✓ |  | ✓ | ✓ |  | ✓ |  |  |  |
| Bry\_Parasmittina\_margaritata | Bryozoa |  |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ |  |  | ✓ | ✓ |
| MSP12\_BRYO | Bryozoa |  | ✓ |  |  |  |  |  | ✓ |  | ✓ |  |  | ✓ | ✓ |  |
| MSP13\_BRYO | Bryozoa | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP14\_BRYO | Bryozoa |  | ✓ |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bry\_Schizomavella\_sp | Bryozoa |  |  |  |  |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ |  | ✓ |
| Bry\_Smittoidea\_cautela | Bryozoa | ✓ | ✓ |  |  | ✓ |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP19\_BRY2 | Bryozoa | ✓ | ✓ | ✓ |  |  | ✓ |  |  |  |  |  |  |  |  |  |
| MSP20\_BRYO | Bryozoa | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP21\_BRYO | Bryozoa | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP22\_BRYO | Bryozoa | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP23\_BRYO | Bryozoa |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP24\_BRYO | Bryozoa |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP25\_BRYO | Bryozoa |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP26\_BRY | Bryozoa |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP27\_BRY | Bryozoa |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP28\_BRY | Bryozoa |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP29\_BRY | Bryozoa |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| Bry\_Watersipora\_subtorquata | Bryozoa |  | ✓ |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bry\_Smittipora\_harmeriana | Bryozoa |  |  |  | ✓ |  |  | ✓ |  | ✓ | ✓ | ✓ | ✓ |  |  | ✓ |
| Bry\_Disporella\_novaehollandiae | Bryozoa |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP5\_BRYO | Bryozoa | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bry\_Crisia\_elongata | Bryozoa | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bry\_Tubulipora\_sp | Bryozoa | ✓ | ✓ |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bry\_Scrupocellaria\_sp | Bryozoa |  |  |  |  |  |  | ✓ | ✓ |  |  | ✓ | ✓ |  | ✓ | ✓ |
| MSP1\_HYD | Cnidaria |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| For\_Miniacina\_sp\_red | Foraminifera | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| For\_Miniacina\_sp\_adu | Foraminifera |  |  |  | ✓ | ✓ |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| For\_Miniacina\_sp\_juv | Foraminifera |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP10\_SPON | Porifera | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ |
| MSP11\_SPON | Porifera |  |  | ✓ | ✓ | ✓ |  |  | ✓ |  |  |  |  | ✓ |  | ✓ |
| MSP12\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP14\_SPON | Porifera |  |  | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |  |  |  |
| MSP15\_SPON | Porifera | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP16\_SPON | Porifera |  |  |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |
| MSP18\_SPON | Porifera |  |  | ✓ |  |  |  |  |  | ✓ | ✓ |  | ✓ | ✓ |  | ✓ |
| MSP19\_SPON | Porifera |  |  |  |  |  |  |  |  |  |  |  | ✓ | ✓ |  | ✓ |
| MSP1\_SPON | Porifera | ✓ |  | ✓ |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ |
| MSP20\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP21\_SPON | Porifera |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |
| MSP22\_SPON | Porifera |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  | ✓ | ✓ |
| MSP23\_SPON | Porifera |  | ✓ |  |  |  |  |  |  |  |  |  | ✓ |  |  | ✓ |
| MSP24\_SPON | Porifera |  |  | ✓ |  |  | ✓ | ✓ |  | ✓ |  | ✓ |  | ✓ |  |  |
| MSP25\_SPON | Porifera |  | ✓ |  |  |  |  | ✓ |  |  | ✓ |  |  |  |  |  |
| MSP26\_SPON | Porifera |  |  |  |  |  |  | ✓ |  | ✓ |  |  |  |  | ✓ |  |
| MSP27\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ |  | ✓ |  | ✓ |  |  | ✓ |  |
| MSP28\_SPON | Porifera |  | ✓ | ✓ |  |  |  | ✓ |  | ✓ |  |  |  | ✓ | ✓ |  |
| MSP29\_SPON | Porifera |  | ✓ | ✓ |  |  |  |  |  |  | ✓ |  | ✓ |  |  |  |
| MSP2\_SPON | Porifera |  |  | ✓ | ✓ |  |  |  | ✓ | ✓ |  |  |  |  |  |  |
| MSP30\_SPON | Porifera |  |  |  | ✓ |  | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ | ✓ |  |  |
| MSP31\_SPON | Porifera |  |  |  |  |  |  |  |  | ✓ | ✓ |  |  |  | ✓ |  |
| MSP33\_SPON | Porifera |  | ✓ |  |  | ✓ |  |  |  |  | ✓ | ✓ | ✓ |  | ✓ |  |
| MSP34\_SPON | Porifera |  |  |  | ✓ |  |  |  |  |  |  |  |  |  | ✓ |  |
| MSP35\_SPON | Porifera |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |  |
| MSP36\_SPON | Porifera |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ |  |
| MSP37\_SPON | Porifera |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP38\_SPON | Porifera | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP39\_SPON2 | Porifera | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP3\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| MSP41\_SPON | Porifera | ✓ |  | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |
| MSP42\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |
| MSP43\_SPON | Porifera | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP44\_SPON | Porifera |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP45\_SPON | Porifera |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP46\_SPON | Porifera |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| MSP47\_SPON | Porifera |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP48\_SPON | Porifera |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |
| MSP49\_SPON | Porifera |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| MSP4\_SPON | Porifera | ✓ |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |
| MSP50\_SPON | Porifera |  |  |  | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP51\_SPON | Porifera |  |  |  | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP52\_SPON | Porifera |  |  |  | ✓ |  | ✓ |  |  |  |  |  |  |  |  |  |
| MSP53\_SPON | Porifera |  |  |  | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP54\_SPON | Porifera |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |
| MSP55\_SPON | Porifera |  |  |  | ✓ | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP56\_SPON | Porifera |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP57\_SPON | Porifera |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP58\_SPON | Porifera |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP59\_SPON | Porifera |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |
| MSP5\_SPON | Porifera |  |  |  | ✓ | ✓ |  |  | ✓ |  |  | ✓ | ✓ |  | ✓ |  |
| MSP60\_SPON | Porifera |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |
| MSP7\_SPON | Porifera |  |  |  |  |  |  | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |
| MSP8\_SPON | Porifera | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ | ✓ | ✓ |
| MSP9\_SPON | Porifera | ✓ |  |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |