Table 3. Species in sites. Records from this study are imbedded in records for the whole Australian coastline. Except for the Essington Peninsula, records for the whole Australian coastline are in Veron (1993), which gives sources of original data. Updates, including some name changes, are in Veron and Stafford-Smith (2002). Records for the Essington Peninsula have not been previously published.

| | Western and south-west Australian coast | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Acanthastrea bowerbanki* | | | | | | | | | | | | | | | | | × | | | | | | **×** | | | | | | | | × | | | | | | × | × | × | × | | | | | |
| *Acanthastrea echinata* | | | | | | | | | | × | × | × | × | | × | × | × | | **×** | | **×** | **×** | **×** | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Acanthastrea hemprichii* | | | | | | | | | | | | | | | | | × | × | | | | **×** | **×** | | | **×** | **×** | | **×** | | | × | × | × | × | × | | | | | | | | |
| *Acanthastrea hillae* | | | | | | | | | | × | × | × | | | | | | × | | | | | | | | | | | | × | | | × | × | | × | × | × | × | × | × | | | |
| *Acanthastrea lordhowensis* | | | | | | | | | | | | | × | | | | | | | | | | **×** | | **×** | **×** | **×** | **×** | **×** | × | | | | | | | × | × | × | | × | | | |
| *Acanthastrea rotundoflora* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **×** | | × | × | × | × | × | | | | | | | | | |
| *Acropora abrolhosensis* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Acropora abrotanoides* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | × | × | | × | | | | |
| *Acropora aculeus* | | | | | | | | | × | × | | × | × | | × | | | | | | **×** | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Acropora acuminata* | | | | | | | | | | × | | | | | | | × | | | | | | | | | | | | | | × | × | × | × | | × | | | | | | | | |
| *Acropora anthocercis* | | | | | | | | | | × | | × | × | | | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | × | | | | | | |
| *Acropora aspera* | | | | | | | | | | × | × | × | × | × | | | × | × | | **×** | **×** | **×** | **×** | | **×** | | **×** | | **×** | × | × | × | × | × | | × | | × | | | | | | |
| *Acropora austera* | | | | | | | | | | × | | × | × | | × | × | × | × | **×** | **×** | **×** | | | | | | | | | × | × | × | × | × | | × | × | × | | | | | | |
| *Acropora azurea* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | |
| *Acropora bruggemanni* | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Acropora bushyensis* | | | | | | | | | | | × | | | | | | | × | | | | | | | | | | | | | | | | × | | × | | | | | | | | |
| *Acropora cardenae* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | |
| *Acropora carduus* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Acropora caroliniana* | | | | | | | | | | | | | | | × | | × | | | | | | | | | | | | | × | | | × | × | | × | | | | | | | | |
| *Acropora cerealis* | | | | | | | | | | × | | × | × | | × | × | × | | **×** | **×** | **×** | | **×** | | | | **×** | | **×** | × | × | × | × | × | | × | | | | | | | | |
| *Acropora chesterfieldensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | |
| *Acropora clathrata* | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | |
| *Acropora cuneata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | |
| *Acropora cytherea* | | | | | | | | | | × | | × | × | | × | × | × | | **×** | **×** | **×** | | **×** | | | | **×** | | **×** | × | × | × | × | × | | × | × | × | | × | | | | |
| *Acropora dendrum* | | | | | | | | | | × | | | | | | | | | **?** | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Acropora digitifera* | | | | | | | | | × | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | × | × | × | × | × | | × | | × | | | | | | |
| *Acropora divaricata* | | | | | | | | | | × | | × | × | | | × | × | | **×** | **×** | **×** | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | |
| *Acropora donei* | | | | | | | | | | × | | | | × | × | × | × | | | | | | | | | | | | | | × | × | × | × | | × | × | | | | | | | |
| *Acropora echinata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Acropora elizabethensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | | | | |
| *Acropora elseyi* | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Acropora exquisita* | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Acropora florida* | | | | | | | | | | × | × | × | × | | × | × | × | | **×** | **×** | **×** | | **×** | | | | | | | × | | × | × | × | | × | × | | | | | | | |
| *Acropora formosa* | | | | | | | | | | × | | × | × | × | × | × | × | × | **×** | **×** | **×** | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Acropora gemmifera* | | | | | | | | | | | | | × | | × | × | × | × | **×** | **×** | **×** | | **×** | | **×** | **×** | **×** | **×** | **×** | × | × | × | × | × | × | | × | × | × | | | | | |
| *Acropora glauca* | | | | | | | | × | × | × | | | × | | × | | × | | **×** | **×** | **×** | | | | | | | | | | | | × | × | | × | × | × | × | × | | | | |
| *Acropora grandis* | | | | | | | | | × | × | | × | × | | × | × | × | | **×** | **×** | **×** | | | | | | | | | × | × | × | × | × | × | × | × | | | | | | | |
| *Acropora granulosa* | | | | | | | | | | × | | × | | | × | × | × | | **×** | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Acropora horrida* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | **×** | | | | **×** | | **×** | × | × | × | × | × | × | × | | × | | | | | | |
| *Acropora humilis* | | | | | | | | | | | | | × | | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | | | | × | × | × | × | × | × | × | × | | | | | | | |
| *Acropora hyacinthus* | | | | | | × | | | | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | | | | | | **×** | | **×** | × | × | × | × | × | × | × | × | × | × | × | × | | | |
| *Acropora kirstyae* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | × | | | | | | | | | | |
| *Acropora latistella* | | | | | | | | | | × | × | × | × | × | × | × | × | × | **×** | | **×** | | **×** | | | | **×** | | | × | × | × | × | × | | × | × | × | × | × | | | |
| *Acropora listeri* | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | × | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Acropora longicyathus* | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Acropora loripes* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | |
| *Acropora lovelli* | | | | | | | | × | | × | | | × | | | | | | | | | | | | | | | | | | | | | × | | | | × | × | | | | | | |
| *Acropora lutkeni* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | | × | × | | | | | | | | |
| *Acropora microclados* | | | | | | | | | | | | × | | | × | | | × | | × | × | | | | | | × | | × | × | × | × | × | × | | | × | | | | | | | | | |
| *Acropora microphthalma* | | | | | | | | | | × | | × | × | × | × | × | × | | × | × | × | | | | | | | | | × | × | × | × | × | | | | | | | | | | | | |
| *Acropora millepora* | | | | | | | × | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | | × | | × | × | × | × | × | | × | × | × | | × | | | | | | | |
| *Acropora monticulosa* | | | | | | | | | | | | | | | × | × | × | | × | | × | | × | | | | | | | × | × | × | × | × | | | | | | | | | | | | |
| *Acropora multiacuta* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | | |
| *Acropora nana* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | | |
| *Acropora nasuta* | | | | | | | | | | × | | × | × | | × | × | × | × | × | × | × | | × | | | | | | | × | × | × | × | × | | × | × | × | | | | | | | | |
| *Acropora nobilis* | | | | | | | | | | × | | × | × | | × | × | × | × | × | × | × | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | | |
| *Acropora orbicularis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Acropora palifera* | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | | |
| *Acropora palmerae* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | |
| *Acropora paniculata* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | | |
| *Acropora polystoma* | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | | |
| *Acropora pulchra* | | | | | | | | | | × | × | × | × | × | × | × | × | | × | × | × | | | | | | | | | × | | × | × | × | | × | | × | | | | | | | | |
| *Acropora robusta* | | | | | | | | | | × | × | × | × | | × | × | × | | × | × | | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | | |
| *Acropora cf.rosaria* | | | | | | | | | | | | | | | | | | | × | × | × | | × | | | | × | | × | | × | | × | × | | | | | | | | | | | | |
| *Acropora samoensis* | | | | | | | | | | | | | × | | × | × | × | × | × | × | × | | × | | | | × | | × | × | × | × | × | × | | × | × | | | | | | | | | |
| *Acropora sarmentosa* | | | | | | | | | | × | | × | × | | | | | | × | | × | | × | | | | × | | × | × | × | × | × | × | | × | × | × | | | | | | | | |
| *Acropora secale* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | | |
| *Acropora selago* | | | | | | | | | × | | | × | × | | × | × | × | | × | | | | × | | | | × | | × | × | × | × | × | × | | | | | | | | | | | | |
| *Acropora solitaryensis* | | | | | | | | × | × | × | × | | × | × | × | | × | × | × | | × | | | | | | | | | × | | × | × | × | | | × | × | | × | × | | | | | |
| *Acropora spicifera* | | | | | | | | | | × | × | × | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Acropora stoddarti* | | | | | | | | | | × | | | × | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Acropora subglabra* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | | | |
| *Acropora subulata* | | | | | | | | | × | × | | × | × | | × | × | × | | × | | × | × | × | × | × | × | × | | | × | × | × | × | × | | | × | | | | | | | | | |
| *Acropora tenuis* | | | | | | | | | | × | | × | × | | × | × | × | × | × | | × | | × | | | | × | | × | × | × | × | × | × | | × | | × | | | | | | | | |
| *Acropora torresiana* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Acropora tortuosa* | | | | | | | | | | × | | | × | | | | | | | | | | | | | | | | | | | | × | × | | | | × | | | | | | | | |
| *Acropora valenciennesi* | | | | | | | | | | × | | × | × | | | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | | |
| *Acropora valida* | | | | | | | | | | × | × | × | × | | × | × | × | × | × | × | × | × | × | | | | | | | × | × | × | × | × | | × | × | × | | × | | | | | | |
| *Acropora vaughani* | | | | | | | | | | × | | × | | | × | × | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | | | |
| *Acropora vermiculata* | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | |
| *Acropora verweyi* | | | | | | | | | | × | × | × | × | | | | × | | | | | | | | | | | | | × | × | × | × | × | | × | × | | | × | | | | | | |
| *Acropora wallaceae* | | | | | | | | | | | | | | | | | | | | | × | | × | | | | | | | | | | × | × | | | | | | | | | | | | |
| *Acropora willisae* | | | | | | | | | | × | | × | | | | × | | | | | | | | | | | | | | × | | × | × | × | | × | | | | × | | | | | | |
| *Acropora yongei* | | | | | | × | | | × | × | | | × | | × | × | × | | | | | | | | | | | | | | | × | × | × | | × | × | × | × | × | | | | | | |
| *Alveopora allingi* | | | | | | | | | | × | × | × | | × | × | × | | | | | × | | | | | | | | | | × | × | × | × | | | × | | × | | | | | | | | |
| *Alveopora catalai* | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | | | |
| *Alveopora fenestrata* | | | | | | × | × | | × | × | | × | × | × | × | | × | | | | | | | | | | | | | | × | | × | × | | × | | | | | | | | | | |
| *Alveopora gigas* | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | |
| *Alveopora marionensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | | | | × | | | | | | | | | |
| *Alveopora spongiosa* | | | | | | | | | | × | × | × | | | × | × | × | | × | | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | | |
| *Alveopora tizardi* | | | | | | | | | | | × | × | | | × | | | | | | | | ? | | | | | | ? | | | | | × | × | × | | | | | | | | | | |
| *Alveopora verrilliana* | | | | | | | | | | × | | × | | | | × | × | | | | | | | | | | | | | | × | | | × | | | | × | | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Anacropora forbesi* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Anacropora matthai* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | × | | | | | | | | | | | |
| *Anacropora puertogalerae* | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Anacropora reticulata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | × | | | | | | | | | | | |
| *Astreopora cucullata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | × | × | × | | | | | | | |
| *Astreopora explanata* | | | | | | | | | | × | | × | × | | × | × | × | | × | × | | | | | | | × | | | × | | × | | | | | | | | | | | | | |
| *Astreopora gracilis* | | | | | | | | | | × | | | × | | | × | × | | × | × | × | × | × | | | | × | | × | × | × | × | × | | × | | | | | | | | | | |
| *Astreopora incrustans* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Astreopora listeri* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | × | × | | | | | | | |
| *Astreopora macrostoma* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | |
| *Astreopora moretonensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | × | × | × | × | | | | | | |
| *Astreopora myriophthalma* | | | | | | | | | | × | | × | × | | × | × | × | | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | | | | | | | | |
| *Astreopora ocellata* | | | | | | | | | | × | | × | × | × | | | × | | × | | | | | | | | | | | × | × | × | × | × | | × | | × | | | | | | | |
| *Astreopora scabra* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Australogyra zelli* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Australomussa rowleyensis* | | | | | | | | | | × | | | × | | × | × | × | | × | | × | | | | | | | × | × | | | | | | | | | | | | | | | | |
| *Barabattoia amicorum* | | | | × | | | | | | × | | × | × | × | | | | | × | | × | | | | | | × | | × | | × | × | × | × | | × | | | | | | | | | |
| *Barabattoia laddi* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | |
| *Blastomussa merleti* | | | | | | | | | | × | | | × | | | | | | | | | | | | | | | | | × | | × | × | × | | × | | | | × | | | | | |
| *Blastomussa wellsi* | | | | | | | | | | × | | | | | | | | | × | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | | |
| *Cantharellus noumeae* | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Catalaphyllia jardinei* | | | | | | | | | | | | | × | × | | | × | | | | | | | | | | | | | | | × | × | × | | × | | | | | | | | | |
| *Caulastrea curvata* | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | | |
| *Caulastrea echinulata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | × | × | | | | | | | | | | | |
| *Caulastrea furcata* | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | |
| *Caulastrea tumida* | | | | | | | | | | × | | | × | × | | | | | | | | | | | | | | | | | × | | × | × | | | | | | | | | | | |
| *Coeloseris mayeri* | | | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | | × | × | × | × | × | | | × | | | | | | | |
| *Coscinaraea columna* | | | | | | | × | | | × | × | × | × | × | | × | × | × | × | × | × | | × | | | | × | | × | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Coscinaraea crassa* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | |
| *Coscinaraea exesa* | | | | | | | | | | × | | × | × | | × | | | | × | | × | | | | | | × | | × | × | × | × | × | × | × | | × | | | | | | | | |
| *Coscinaraea marshae* | × | × | × | × | × | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × |
| *Coscinaraea mcneilli* | × | × | × | × | × | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × |
| *Coscinaraea wellsi* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | × | × | | | | × | × | × | × | × |
| *Ctenactis albitentaculata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | |
| *Ctenactis crassa* | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | |
| *Ctenactis echinata* | | | | | | | | | | | | × | | × | | × | × | | | | | | | | | | × | | × | × | × | × | × | × | × | | | | | | | | | | |
| *Cycloseris costulata* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | × | | × | × | | | × | × | × | | | | × | | | |
| *Cycloseris curvata* | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | × | | | | | | | | | | × | | | | | |
| *Cycloseris cyclolites* | | | | | | | | | | | × | | × | × | | | × | | | | | | | | | | | | | | | | × | × | | × | | | | | | | | | |
| *Cycloseris erosa* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | × | × | | | | | | | | | | |
| *Cycloseris patelliformis* | | | | | | | | | | × | | | × | | | | | | | | | | | | | | | | | × | × | | × | × | | × | | | | | | | | | |
| *Cycloseris sinensis* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | × | | | | | | | | | | | | | | | |
| *Cycloseris somervillei* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | | | | | | | | | | | | |
| *Cycloseris tenuis* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | × | | | | | | | | | | | |
| *Cycloseris vaughani* | | | | | | | | | | × | | | | | × | × | × | | | | | | | | | | | | | × | × | | × | × | | × | | | | | | | | | |
| *Cynarina lacrymalis* | | | | | | | | | | | | | | × | | | | × | × | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Cyphastrea agassizi* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | |
| *Cyphastrea chalcidicum* | | | | | | | | | | | | × | | | × | × | × | | × | × | × | | × | | | | | | | × | × | | × | × | × | × | | | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Cyphastrea decadia* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | × | | | | | | | | |
| *Cyphastrea japonica* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | |
| *Cyphastrea microphthalma* | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | | × | × | | | | | |
| *Cyphastrea ocellina* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | | | | | | | | | |
| *Cyphastrea serailia* | | | | × | × | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | |
| *Diaseris distorta* | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | × | × | | × | | | | | | | | |
| *Diaseris fragilis* | | | | | | | | | | × | × | | | | | | | | | | | | | | | | | | | | | | × | × | × | | | | | | | | | |
| *Diploastrea heliopora* | | | | | | | | | | | | × | × | | × | × | × | × | × | | × | | | | | | | | × | × | × | × | × | × | | | | | | | | | | | |
| *Duncanopsammia axifuga* | | | | | | | | | | × | × | × | × | × | | | | | | | | × | × | × | × | × | × | | × | × | | × | × | × | | | | | | | | | | | |
| *Echinophyllia aspera* | | | | | | | | | | × | × | × | × | | | × | × | × | × | × | × | | × | | | | | | | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Echinophyllia echinata* | | | | | | | | | | | | | | | | | × | | × | | | | | | | | | | | | × | × | × | | | | | | | | | | | | |
| *Echinophyllia echinoporoides* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | |
| *Echinophyllia orpheensis* | | | | | | | | | | × | × | × | × | | × | × | × | | × | | × | | | | | | | | | × | × | × | × | × | × | × | | × | | | | | | | |
| *Echinopora ashmorensis* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | ? | | | | | | | | | | | | | | | | |
| *Echinopora gemmacea* | | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | |
| *Echinopora hirsutissima* | | | | | | | | | | | | | × | | | × | × | | × | | × | | | | | | | | × | | | × | × | × | | | | | | | | | | | |
| *Echinopora horrida* | | | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Echinopora lamellosa* | | | | | | | | | | | | × | × | | × | × | × | × | × | × | × | | × | | | | × | | × | | × | × | × | × | × | × | | × | | | | | | | |
| *Echinopora mammiformis* | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Echinopora pacificus* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | |
| *Euphyllia ancora* | | | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | | | | × | | × | × | × | | × | × | × | | | | | | | |
| *Euphyllia cristata* | | | | | | | | | | | | | × | | × | | | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Euphyllia divisa* | | | | | | | | | | × | | | × | | | | | | | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Euphyllia glabrescens* | | | | | | | | | | × | | × | × | × | × | × | × | | × | | × | | × | | | | × | | × | × | × | × | × | × | × | | | | | | | | | |
| *Euphyllia paraancora* | | | | | | | | | | | | | | | | | | | | | | × | | | | | × | | × | × | | | | | | | | | | | | | | |
| *Euphyllia yaeyamaensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | |
| *Favia danae* | | | | | | | | | | | | | | | | | | | ? | × | | | | | | | × | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Favia favus* | | | | × | × | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | | | × | × | × | × | × | × | × | × | × | × | | × | | | | |
| *Favia helianthoides* | | | | | | | | | | | | × | | | | × | × | | × | | | | | | | | | | | | × | | | | | | | | | | | | | | |
| *Favia laxa* | | | | | | | | | | × | | | | | × | × | × | | × | | × | × | | | | × | × | | × | × | | × | × | × | × | | | | | | | | | | |
| *Favia lizardensis* | | | | | | | | | | × | | | × | | × | × | × | | × | × | × | | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Favia maritima* | | | | | | | | | | | | | | | | | | | × | | × | × | × | | | | × | | × | × | | | × | × | | | × | | | | | | | | |
| *Favia marshae* | | | | | | | | | | | | | × | | | × | × | | | | | | ? | | | | | | | | | | | | | | | | | | | | | | |
| *Favia matthaii* | | | | | | | | | | × | | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | | × | | | | | | | |
| *Favia maxima* | | | | | | | | | | × | | × | × | | × | × | × | | × | | × | × | × | | | | | | | | | × | × | × | × | × | | × | | | | | | | |
| *Favia pallida* | | | | | | | | | | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | | | | | | |
| *Favia rosaria* | | | | | | | | | | | | | | | | | | | | | × | | | | | | | × | | × | × | × | × | × | × | | | | | | | | | | |
| *Favia rotumana* | | | | | | | | | | | | | × | | × | × | × | | × | | × | × | × | | | | | | | × | × | × | × | × | × | × | | × | × | | | | | | |
| *Favia rotundata* | | | | | | | | | | × | | × | × | | | × | × | × | × | | × | | | | | | | | | × | × | | × | × | × | × | | | | | | | | | |
| *Favia speciosa* | | | | | | | | | | × | | × | × | × | × | × | × | | × | × | × | × | × | | | | × | | × | × | × | | × | × | | × | × | × | × | | | | | | |
| *Favia stelligera* | | | | | | | | | | | | × | × | | × | × | × | × | × | × | × | | | | | | | | | × | × | × | × | × | × | × | | | | × | | | | | |
| *Favia veroni* | | | | | | | | | | × | | | × | | | | × | | × | | × | | × | | | | | | | × | × | | × | × | | | | | | | | | | | |
| *Favites abdita* | | | × | × | × | | | | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | | × | × | × | × | × | × | | | | |
| *Favites chinensis* | | | | | | | | | | × | × | × | × | × | | | × | | × | × | × | × | × | | × | × | × | | × | × | | × | × | × | | × | × | × | | | | | | | |
| *Favites complanata* | | | × | × | | | | | | × | | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | | | | | × | | | | | | |
| *Favites flexuosa* | | | | × | × | | | | × | × | | × | × | × | | | × | × | × | × | × | × | | | | | | | | × | × | × | × | × | | × | × | × | × | × | × | | | | |
| *Favites halicora* | | | | × | | | | | | × | | × | × | × | × | × | × | | × | × | × | × | × | | | | | | | × | × | × | × | × | | × | | × | | × | | | | | |
| *Favites pentagona* | × | | | | | × | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | | × | × | × | × | × | | × | × | × | | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Favites russelli* | | | | × | × | | | | × | × | × | × | | | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | **×** | | **×** | | × | × | × | × | × | × | | × | × | | | | | |
| *Fungia concinna* | | | | | | | | | | | | × | × | × | | × | × | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | | |
| *Fungia corona* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Fungia danai* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Fungia fungites* | | | | | | | | | | | | × | × | × | × | × | × | × | **×** | **×** | **×** | | | | | **×** | | **×** | × | × | × | × | × | × | | | | | | | | | | |
| *Fungia granulosa* | | | | | | | | | | | | | | | × | × | × | | | **×** | | | **×** | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Fungia horrida* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | | |
| *Fungia klunzingeri* | | | | | | | | | | | | | | | × | | × | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Fungia moluccensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Fungia paumotensis* | | | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Fungia repanda* | | | | | | | | | | | | × | × | × | × | × | × | | | **×** | **×** | | | | | | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Fungia scabra* | | | | | | | | | | | | | | | | | | | | **×** | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | |
| *Fungia scruposa* | | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | |
| *Fungia scutaria* | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | × | | | | | | | |
| *Galaxea acrhelia* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Galaxea astreata* | | | | | | | | | | | | × | × | × | × | × | × | | **×** | **×** | **×** | | **×** | | | | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Galaxea fascicularis* | | | | | | | | | | × | | × | × | × | × | × | × | | **×** | **×** | **×** | | **×** | | **×** | **×** | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Galaxea horrescens* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Gardineroseris planulata* | | | | | | | | | | | | × | × | | × | × | × | | **×** | **×** | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Goniastrea aspera* | | | × | × | × | | × | | × | × | × | × | × | × | | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | | | | × | | | × | × | | × | | | | | | | | | |
| *Goniastrea australensis* | | | × | × | × | × | × | × | × | × | × | × | × | × | | | | × | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | | **×** | × | × | × | × | × | × | × | × | × | × | × | × | | | | |
| *Goniastrea edwardsi* | | | | | | | | | | × | × | × | × | | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Goniastrea favulus* | | | | | | | | | | × | × | × | × | | | × | × | × | **×** | **×** | **×** | | | | | | | | | | × | | × | × | | × | × | × | × | | | | | | |
| *Goniastrea palauensis* | | | | × | | | | | | × | | × | × | | | × | × | | **×** | | | | | | | | | | | | | × | × | × | | × | | × | | | | | | | |
| *Goniastrea pectinata* | | | | | | | | | | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | | | | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Goniastrea retiformis* | | | | | | | | | × | × | | × | × | × | × | × | × | × | **×** | | | | **×** | | **×** | **×** | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Goniopora columna* | | | | | | | | | | × | | × | × | | | × | × | | **×** | **×** | **×** | | **×** | | | **×** | **×** | | **×** | × | × | × | × | × | | × | | | | | | | | | |
| *Goniopora djiboutiensis* | | | | | | | | | | × | | | × | | × | × | | | **×** | **×** | **×** | | | | | | | | | | × | × | × | × | | | × | | | × | | | | | |
| *Goniopora eclipsensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | |
| *Goniopora fruticosa* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | | | × | | | | | | | |
| *Goniopora lobata* | | | | | | | | | | | × | × | × | × | | × | × | × | **×** | **×** | **×** | **×** | | | | | **×** | | **×** | × | × | × | × | × | × | × | × | × | | × | × | | | | |
| *Goniopora minor* | | | | | | | | | | | | × | × | × | × | × | × | × | **×** | | **×** | | | | | | | | **×** | × | × | × | × | × | × | × | | × | | | | | | | |
| *Goniopora norfolkensis* | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | × | | | × | | × | | | | | | | | | |
| *Goniopora palmensis* | | | | | | | | | | | | | | | | | | | | | | **?** | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Goniopora pandoraensis* | | | | | | | | | | | | | | × | | | × | × | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | |
| *Goniopora pendulus* | | | | × | | | | | | × | | | × | × | | | × | | **×** | **×** | **×** | | | | | | | | | | | | | × | | | | | | | | | | | |
| *Goniopora somaliensis* | | | | | | | | | | | | | | | | | × | × | **×** | **×** | **×** | | **×** | | | | **×** | | **×** | × | × | × | × | × | × | × | × | | | | | | | | |
| *Goniopora stokesi* | | | | | | | | | × | × | | | × | | | | × | | **×** | | | | **×** | | | | | | **×** | | × | × | × | × | × | × | | | | | | | | | |
| *Goniopora stutchburyi* | | | | | | | | | | × | × | | × | × | × | | × | × | **×** | | **×** | | **×** | | **×** | **×** | **×** | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Goniopora tenuidens* | | | | | | | | | × | × | × | × | × | × | × | × | × | | **×** | | **×** | | **×** | | | **×** | **×** | | **×** | × | × | × | × | × | × | × | | × | × | | | | | | |
| *Halomitra pileus* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | |
| *Heliofungia actiniformis* | | | | | | | | | | | | | | × | | × | × | | | | **×** | **×** | **×** | | | | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Herpolitha limax* | | | | | | | | | | | | × | × | × | × | × | × | | **×** | **×** | **×** | | | | | | **×** | | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Herpolitha weberi* | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | **×** | × | × | | | × | | | | | | | | | | | |
| *Heterocyathus aequicostatus* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | × | × | | | × | × | × | | |
| *Heteropsammia cochlea* | | | | | | | | | × | × | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Hydnophora exesa* | | | | | | | | | | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | | **×** | | | | **×** | **×** | **×** | × | × | × | × | × | | × | × | × | × | × | | | | | |
| *Hydnophora grandis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Hydnophora microconos* | | | | | | | | | | | | × | × | × | | | × | × | **×** | **×** | **×** | | | | | | **×** | | | × | × | × | × | × | | × | × | | | × | | | | | |
| *Hydnophora pilosa* | | | | | | | | | | × | × | × | × | | | × | × | | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | | | | | | | | | | × | | | | | |
| *Hydnophora rigida* | | | | | | | | | | | | × | × | | × | × | × | | **×** | | | | | | | | | | | × | × | × | × | × | × | × | × | | | | | | | | |
| *Leptastrea bewickensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | × | × | | | | | | | |
| *Leptastrea bottae* | | | | | | | | | | × | | × | × | | | | × | | | | | | **×** | **×** | | | **×** | | **×** | | | | | | | | | | | | | | | | |
| *Leptastrea inaequalis* | | | | | | | | | | | | | × | | | | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | × | | | | | | | |
| *Leptastrea pruinosa* | | | | | | | | | | × | | × | × | × | × | × | × | × | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | **×** | × | × | × | × | × | | × | | × | | | | | | | |
| *Leptastrea purpurea* | | | | | | | | | | × | | × | × | × | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | **×** | **×** | **×** | × | × | × | × | × | × | × | | × | | | | | | | |
| *Leptastrea transversa* | | | | | | | | | | | | × | | × | × | × | × | × | **×** | **×** | **×** | | **×** | | | **×** | **×** | | **×** | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Leptoria phrygia* | | | | | | | | | | | | × | × | | × | × | × | × | **×** | **×** | **×** | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | |
| *Leptoseris explanata* | | | | | | | | | | × | | × | | | × | × | × | | **×** | | | | | | | | | | | × | × | × | × | × | | × | | × | | | | | | | |
| *Leptoseris foliosa* | | | | | | | | | | × | | × | | | | × | × | | **×** | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | |
| *Leptoseris gardineri* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Leptoseris hawaiiensis* | | | | | | | | | | × | | × | | | × | × | × | | **×** | | | | | | | | | | | × | × | × | × | × | × | × | | | × | × | | | | | |
| *Leptoseris incrustans* | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Leptoseris mycetoseroides* | | | | | | | | | | × | × | × | | | × | × | × | × | **×** | | **×** | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Leptoseris papyracea* | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | × | | | | × | | | | | | | | | | | |
| *Leptoseris scabra* | | | | | | | | | | × | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | × | × | | | | | |
| *Leptoseris solida* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | |
| *Leptoseris yabei* | | | | | | | | | | × | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Lithophyllon mokai* | | | | | | | | | | | | × | × | | | × | × | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Lithophyllon undulatum* | | | | | | | | | | | | | | | | | × | × | **×** | **×** | **×** | | | | | | **×** | | **×** | | | | | | | | | | | | | | | | |
| *Lobophyllia corymbosa* | | | | | | | | | | × | | × | × | × | | | × | | **×** | | **×** | | | | | | | | | × | × | × | × | × | × | × | × | | | | | | | | |
| *Lobophyllia diminuta* | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | × | | | | | × | | | | | | | | | | |
| *Lobophyllia hataii* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | |
| *Lobophyllia hemprichii* | | | | | | | | | | × | | × | × | × | × | × | × | | **×** | **×** | **×** | **×** | **×** | | | | **×** | **×** | **×** | × | × | × | × | × | × | × | × | | × | | | | | | |
| *Lobophyllia pachysepta* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | × | | × | | | | | | | |
| *Lobophyllia robusta* | | | | | | | | | | | | | | | | | | | | **×** | **×** | | | | | | | | | × | | | × | × | | | | | | | | | | | |
| *Madracis kirbyi* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | |
| *Merulina ampliata* | | | | | | | | | | × | | × | × | × | × | × | × | | **×** | | **×** | | | | | | | | | × | × | × | × | × | × | × | | | × | | | | | | |
| *Merulina scabricula* | | | | | | | | | | | | × | × | | × | × | × | × | | **×** | **×** | **×** | **×** | | | | **×** | **×** | **×** | × | × | × | × | × | × | × | | | | | | | | | |
| *Micromussa amakusaensis* | | | | | | | | | | | | | | | | | | | | **×** | **×** | **×** | **×** | | | | **×** | **×** | **×** | × | | | | × | | | | | | | | | | | |
| *Micromussa diminuta* | | | | | | | | | | | | | | | | | | | | | | | **×** | | | | **×** | | **×** | | | | | | | | | | | | | | | | |
| *Montastrea annuligera* | | | | | | | | | | | | | | | | | × | | **×** | **×** | | | **×** | **?** | | | | | | × | | × | × | × | × | × | × | | | | | | | | |
| *Montastrea colemani* | | | | | | | | | | | | | | | | | | | | **×** | | **×** | | **×** | | | **×** | | **×** | | | | | | | | | | | | | | | | |
| *Montastrea curta* | | | | | | | | | × | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | **×** | **×** | | **×** | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Montastrea magnistellata* | | | | | | | | | × | × | × | × | | | × | × | × | × | **×** | **×** | **×** | **×** | **×** | | | | **×** | | **×** | × | × | | × | × | × | × | × | | | | | | | | |
| *Montastrea valenciennesi* | | | | | | | | | | × | × | × | × | × | × | × | × | × | **×** | **×** | **×** | | **×** | | | | **×** | **×** | **×** | × | × | × | × | × | × | × | | × | | | | | | | |
| *Montigyra kenti* | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Montipora aequituberculata* | | | | | | | | | × | × | × | × | × | | × | × | × | × | **×** | | **×** | **×** | **×** | **×** | **×** | **×** | **×** | | **×** | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Montipora altasepta* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Montipora angulata* | | | | | | | | | | × | × | × | | | | × | | | | | | | | | | | | | | × | | × | × | × | | | | | | × | | | | | |
| *Montipora australiensis* | | | | | | | | | | × | | | | | | | | | | **×** | **×** | | | | | | | | | | × | | × | | | | | | | | | | | | |
| *Montipora calcarea* | | | | | | | | | | × | | × | × | | | | | | | **×** | **×** | | **×** | | | | **×** | | **×** | | | | | | | | | | | | | | | | |
| *Montipora caliculata* | | | | | | | | | | × | | | | | | | × | × | | **×** | **×** | | | | | | **×** | | **×** | × | × | × | × | | | | × | | | | | | | | |
| *Montipora capricornis* | | | | | | | | | | × | × | × | | | | | | | | | | | | | | | | | | | | | | × | | × | | | | | | | | | |
| *Montipora corbettensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | |
| *Montipora crassituberculata* | | | | | | | | | | × | | × | × | | | | | | | | **×** | | | | | | | | | | × | × | × | × | | × | | | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Montipora danae* | | | | | | | | | | × | | × | × | | × | × | × | | × | | × | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | | | | |
| *Montipora delicatula* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Montipora digitata* | | | | | | | | × | | × | | × | × | × | | × | × | | | | | | | | | | | | | × | | | × | × | | | | | | | | | | | |
| *Montipora efflorescens* | | | | | | | | | | × | | × | × | × | × | × | × | | × | | × | | × | | | | × | | × | × | × | × | × | × | | × | | × | | × | | | | | |
| *Montipora floweri* | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | × | × | | × | × | | × | | | | | | | | | |
| *Montipora foliosa* | | | | | | | | | | × | | × | | | × | × | × | | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Montipora foveolata* | | | | | | | | | | | × | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | × | | | | | | | | |
| *Montipora grisea* | | | | | | | | | × | × | | × | × | | × | × | × | × | × | | × | | × | | | | × | | × | × | × | × | × | × | | | | | | | | | | | |
| *Montipora hispida* | | | | | | | | | | × | × | × | × | | | × | × | × | × | | × | | × | | | | × | | × | × | × | × | × | × | × | | | | | | | | | | |
| *Montipora hoffmeisteri* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | | × | × | | × | | | | | | | | | |
| *Montipora incrassata* | | | | | | | | | | × | | | × | | | × | | | | × | × | | × | | | | | | | | × | × | × | × | × | × | | × | | | | | | | |
| *Montipora informis* | | | | | | | | | | × | | × | | | × | × | × | | × | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | |
| *Montipora millepora* | | | | | | | | | | | | × | × | × | × | | × | | × | | | | | | | | | | | × | × | | × | × | | × | | | | | | | | | |
| *Montipora mollis* | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | | | | × | | × | × | × | × | × | × | × | × | × | × | | × | × | | × | | |
| *Montipora monasteriata* | | | | | | | | | | | × | × | × | | × | × | × | × | × | | × | × | × | × | × | × | × | | × | | × | × | × | × | | | × | × | | | | | | | |
| *Montipora nodosa* | | | | | | | | | | × | | | × | | | × | | | | | | | | | | | | | | | × | × | × | | × | | × | | | | | | | | |
| *Montipora peltiformis* | | | | | | | | | × | × | × | × | × | × | × | | × | | | | × | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | |
| *Montipora spongodes* | | | | | | | | × | × | × | × | | × | × | | | × | | | × | × | | | | | ? | × | | | × | | | | × | | × | × | × | × | × | | | | | |
| *Montipora spumosa* | | | | | | | | | | × | × | × | × | | × | × | × | | | | × | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | | |
| *Montipora stellata* | | | | | | | | | | × | | | × | | | | | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | |
| *Montipora tuberculosa* | | | | | | | | | | | × | × | × | | | × | | × | | × | × | × | × | × | × | × | × | | × | × | | × | × | × | | × | × | | | | | | | | |
| *Montipora turgescens* | | | | | | | | | × | × | × | × | × | | × | × | | × | | | × | × | × | × | × | × | × | | × | | × | × | × | × | × | | × | × | | | | | | | |
| *Montipora turtlensis* | | | × | | | | | | | × | | × | × | | × | | | | | | | | ? | | | | ? | | | | × | × | × | | × | × | × | × | | | | | | | |
| *Montipora undata* | | | | | | | | | | | | × | × | | × | × | × | | × | | × | | × | | | | | | × | × | × | × | × | | × | | | | | | | | | | |
| *Montipora venosa* | | | | | | | | | | × | | × | × | × | | × | × | | | | | | × | | | | | | × | × | | × | × | | × | × | | × | | | | | | | |
| *Montipora verrilli* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Montipora verrucosa* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Moseleya latistellata* | | | | | | | | | | × | × | × | × | × | | | | | × | × | × | × | × | | | × | × | × | × | | | × | × | × | | | | | | | | | | |
| *Mycedium elephantotus* | | | | | | | | | | × | | × | × | | × | × | × | × | × | × | × | | | | | | × | × | × | × | × | × | × | × | × | × | × | | × | | | | | |
| *Mycedium robokaki* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | × | | | | | | | | | | | | | | | |
| *Oulastrea crispata* | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Oulophyllia bennettae* | | | | | | | | | | | | | × | | × | × | × | × | | | × | | | | | | | | | × | | × | × | × | | × | | | × | | | | | | |
| *Oulophyllia crispa* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | × | | | | | | | |
| *Oxypora glabra* | | | | | | | | | | × | | × | | | × | × | × | | × | | × | | | | | | | | | × | | × | × | × | | × | | | | | | | | | |
| *Oxypora lacera* | | | | | | | | | | × | × | × | × | | × | × | × | × | × | × | × | | | | | | × | | × | × | × | × | × | × | × | × | | × | | | | | | | |
| *Pachyseris rugosa* | | | | | | | | | | × | | × | × | | × | × | × | × | × | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | | |
| *Pachyseris speciosa* | | | | | | | | | | × | | × | × | | × | × | × | | × | | × | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | |
| *Palauastrea ramosa* | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | × | | | × | × | | × | | | | | | | | | |
| *Paraclavarina triangularis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Pavona bipartita* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | |
| *Pavona cactus* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | | |
| *Pavona clavus* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | | × | × | × | × | | × | | | | | | | | | |
| *Pavona decussata* | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | | × | | × | × | × | × | × | × | × | × | | × | | | | × | | | |
| *Pavona explanulata* | | | | | | | | | | × | × | × | × | | × | × | × | × | × | × | × | | × | | | | | | | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Pavona maldivensis* | | | | | | | | | | × | | × | | | × | × | × | | × | × | × | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | |
| *Pavona minuta* | | | | | | | | | | × | × | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | |
| *Pavona varians* | | | | | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Pavona venosa* | | | | | | | | | | | | × | | | × | × | × | | × | | × | | | | | | | | | × | × | × | × | × | | × | | | | × | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Pavona xarifae/minuta* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Pectinia alcicornis* | | | | | | | | | | | | | | | | × | × | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | |
| *Pectinia lactuca* | | | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | |
| *Pectinia paeonia* | | | | | | | | | | | | × | × | × | | × | × | × | | | × | | | | | | | | × | × | | × | × | × | × | × | | | | | | | | |
| *Pectinia teres* | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Physogyra lichtensteini* | | | | | | | | | | | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Pectinia ayleni* | | | | | | | | | | | | × | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Platygyra contorta* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | |
| *Platygyra daedalea* | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | | | | |
| *Platygyra lamellina* | | | | | | | | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | | | × | × | × | × | × | | × | × | × | × | × | × | × | | × | | | | |
| *Platygyra pini* | | | | | | | | | | | × | × | × | | × | × | × | × | × | × | × | × | × | | | × | × | | × | × | × | | × | × | × | × | | | | | | | | |
| *Platygyra ryukyuensis* | | | | | | | | | | | | × | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | × | | | | | | | | | | |
| *Platygyra sinensis* | | | | | | | | | × | | | × | × | × | × | × | × | | × | | × | | × | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Platygyra verweyi* | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Plerogyra sinuosa* | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | |
| *Plesiastrea versipora* | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × |
| *Pocillopora damicornis* | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | | | |
| *Pocillopora eydouxi* | | | | | | | | | | × | × | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Pocillopora kelleheri* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | | | | | | | | | | |
| *Pocillopora meandrina* | | | | | | | | | | × | | × | × | | | | × | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | |
| *Pocillopora verrucosa* | | | | | | | | | | × | × | × | × | | × | × | × | | × | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | |
| *Pocillopora woodjonesi* | | | | | | | | | | | | × | × | | | × | × | | | | | | | | | | | | | × | × | | × | × | | | | | | | | | | |
| *Podabacia crustacea* | | | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Podabacia motuporensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | × | | | | | | | | | | | |
| *Polyphyllia talpina* | | | | | | | | | | | | × | × | × | × | × | × | | × | × | × | | × | | | | × | | × | × | × | × | × | × | × | | | | | | | | | |
| *Porites annae* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | | | | | | | | | |
| *Porites aranetai* | | | | | | | | | | × | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Porites australiensis* | | | | | | | | | | | | | | | | | | ? | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | |
| *Porites cylindrica* | | | | | | | | | | | | × | × | | × | × | × | × | | | × | × | | | | | × | | | × | × | × | × | × | × | × | | | | | | | | |
| *Porites deformis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | |
| *Porites densa* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | |
| *Porites eridani* | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Porites evermanni* | | | | | | | | | | × | | | × | | | × | × | | | | × | | | | | | | | | | | | × | × | | × | | | | | | | | |
| *Porites heronensis* | | | | | | | | | | × | | | × | × | | | | | | | | | | | | | | | | × | | | | | | × | | × | × | × | | | | |
| *Porites lichen* | | | | | | | | | | × | | × | × | | × | × | × | × | × | | × | | | | | | | | | × | × | × | × | × | × | × | | × | × | | | | | |
| *Porites lobata* | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | | | | | | | |
| *Porites lutea* | | | | | | | | | | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | | × | × | | | | | | | |
| *Porites mayeri* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | × | × | × | × | × | | | | | | | | |
| *Porites murrayensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | × | × | | | | | | | |
| *Porites myrmidonensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | | | | | | | | |
| *Porites nigrescens* | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Porites rus* | | | | | | | | | | | | | × | | × | × | × | | × | | × | | × | | | | | | | | × | × | × | × | × | | | | | | | | | |
| *Porites sillimaniana* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Porites solida* | | | | | | | | | | × | | × | × | | × | × | | × | | | | | | | | × | × | | | × | × | | × | × | | × | | × | | | | | | |
| *Porites stephensoni* | | | | | | | | | | | | | | | | | × | × | | × | × | | × | | | | × | | × | | | | | × | | | | | | | | | | |
| *Porites vaughani* | | | | | | | | | | | | | | × | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | | | | | | | | | |
| *Psammocora contigua* | | | | | | | | | | × | × | × | × | × | × | × | × | | × | × | × | | × | | | | × | | | × | × | × | × | × | | × | × | × | × | | | | | |
| *Psammocora digitata* | | | | | | | | | | × | | × | × | × | × | × | × | × | × | | × | | | | | | | | | × | | × | × | × | | | × | | | | | | | |

| | Western and south-west Australian coast | | | | | | | | | | | | | | WA offshore | | | Northern Territory coast | | | | | | | | | | | | Coral Sea | | Eastern and south-east Australian coast | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Recherche Archipelago | SW Coast | Geographe Bay | Marmian Region | Rottnest Island | Quinns Rock Region | Jurien Bay Region | Geraldton Region | Port Gregory Region | Houtman Abrolhos Island | Shark Bay | Ningaloo Reefs | Dampier Arch. | Kimberley Coast | Rowley Shoals | Scott Reef | Ashmore Reef | Essington Peninsula | **Sites 1 and 2** | **Site 3** | **Site 4** | **Site 7** | **Site 9** | **Site 10** | **Site 11** | **Site 12** | **Site 13** | **Site 14** | **Site 15** | Southern Papua New Guinea | Coral Sea | Torres Strait | Northern GBR | Central GBR | Pompey and Swain Reefs | Capricorn & Bunker Reefs | Flinders Reef | Elizabeth and Middleton Reefs | Lord Howe Island | Solitary Island | Northern NSW | Southern NSW | Victoria | South Australia |
| *Psammocora explanulata* | | | | | | | | | | × | | × | × | × | | | × | | | | | | | | | | | | | | | × | × | × | | | | | | | | | | | |
| *Psammocora haimeana* | | | | | | | | | | × | | × | × | | × | × | | × | | | | | | | | | | | | | | | × | × | | × | × | × | | × | | | | |
| *Psammocora nierstraszi* | | | | | | | | | | | | | × | | | | × | | | | | | | | | | | | | | | | × | | | | | × | | | | | | |
| *Psammocora profundacella* | | | | | | | | | | × | | × | × | | | × | × | × | × | | × | | × | | | × | × | | × | × | | × | × | × | | × | | | | | | | | |
| *Psammocora superficialis* | | | | | | | | | | × | × | × | × | | × | × | × | | × | × | × | | × | | × | × | × | × | × | × | | × | × | × | | × | | × | | × | × | | | |
| *Pseudosiderastrea tayami* | | | | | | | | | | | | | × | × | | | | × | × | | × | | | | × | × | | × | × | × | | × | × | × | | | | | | | | | | |
| *Sandalolitha robusta* | | | | | | | | | | | | × | | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Scapophyllia cylindrica* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | × | × | | | | | | | | |
| *Scolymia australis* | | × | | × | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | × | | × | × | × |
| *Scolymia vitiensis* | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | × | × | × | × | × | × | × | × | × | | | | | | |
| *Seriatopora caliendrum* | | | | | | | | | | × | | × | | × | | | × | | × | | | | | | | | | | | × | × | | × | × | | × | | × | | | | | | |
| *Seriatopora hystrix* | | | | | | | | | | | | × | | × | × | × | × | × | × | × | × | | × | × | | | × | | | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Stylaraea punctata* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | |
| *Stylocoeniella armata* | | | | | | | | | | | | | | | × | × | | × | | | | | | | | | | | | × | × | × | × | × | | × | | × | | | | | | |
| *Stylocoeniella guentheri* | | | | | | | | | | × | | × | × | | × | × | × | | | | | | | | | | | | × | × | × | × | × | × | | × | | × | × | | | × | | |
| *Stylophora pistillata* | | | | | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | | × | | | | × | | × | × | × | × | × | × | × | × | × | × | × | × | | | | |
| *Symphyllia agaricia* | | | | | | | | | | | | × | × | | × | × | × | × | × | × | × | | × | × | | × | × | | × | × | × | × | × | × | × | × | | | | | | | | |
| *Symphyllia radians* | | | | | | | | | | | | × | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | × | | | | | |
| *Symphyllia recta* | | | | | | | | | | | | | × | × | × | × | × | × | × | × | × | | × | | | | × | | × | × | × | × | × | × | × | | | | | | | | | |
| *Symphyllia valenciennesi* | | | | | | | | | | | | | × | | × | × | × | | | | | | | | | | | | | × | × | × | × | × | | × | | × | | | | | | |
| *Symphyllia wilsoni* | | × | × | × | × | | × | × | × | × | × | | | | | | | | | | ? | | | | | | | | | | | | | | | | | | | | | | | |
| *Trachyphyllia geoffroyi* | | | | | | | | | | | | | × | × | | | | | | | | | | | | | | | | | | × | × | × | | × | | | | | | | | |
| *Turbinaria bifrons* | | | | | | | | | × | × | × | × | × | × | | | | | × | | × | × | × | × | × | × | × | | × | | | × | × | × | | × | × | | | | | | | |
| *Turbinaria conspicua* | | | | | | | | × | | × | × | × | × | × | | | | × | | | | | × | | | | × | | × | | | | | | | | | | | | | | | |
| *Turbinaria frondens* | × | × | × | × | × | | | × | × | × | × | × | × | × | × | × | × | | × | × | × | | × | × | | | | | | × | × | × | × | × | × | × | × | × | × | × | × | | | |
| *Turbinaria heronensis* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | × | × | × | | × | | | | | | |
| *Turbinaria mesenterina* | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | × | | × | | |
| *Turbinaria patula* | | | | | | | | | | | | | × | × | | | | | × | | | | × | | | | × | | | × | | × | × | × | × | × | × | × | × | × | | | | |
| *Turbinaria peltata* | | | × | × | | | | | | × | × | × | × | × | | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | | |
| *Turbinaria radicalis* | | | | | | | | | | × | | | | | | | | | × | | × | | × | | | | | | | | | × | × | × | × | × | × | × | × | × | | | | |
| *Turbinaria reniformis* | × | × | × | × | × | × | | | | × | × | × | × | | | × | × | × | × | | × | | × | | | | ? | | ? | × | | × | × | × | × | | | | | | | | | |
| *Turbinaria stellulata* | | × | | | | | | | | × | | × | × | | × | × | × | × | | × | × | | × | | | | × | | × | × | | × | × | × | × | × | × | | | | | | | |
| **TOTAL SPECIES** | 8 | 9 | 14 | 23 | 19 | 9 | 11 | 14 | 37 | 192 | 81 | 209 | 217 | 106 | 187 | 219 | 251 | 110 | 169 | 117 | 168 | 64 | 124 | 30 | 38 | 49 | 117 | 24 | 117 | 280 | 241 | 282 | 325 | 342 | 165 | 246 | 114 | 121 | 63 | 56 | 15 | 10 | 3 | 5 |
| | | | | | | | | | | | | | | | | | | | **222 for Arnhem Land** | | | | | | | | | | | | | | | | | | | | | | | | | |