Species of Reef Corals Observed in North-Eastern Lagoon of Grande Terre, New Caledonia

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Annexe 1/Appendix 1

Espèces des coraux des récifs observées dans le lagoon du nord-est de Grande Terre en Nouvelle Calédonie

Species of reef corals observed in north-eastern lagoon of Grande Terre, New Caledonia

	Sites Present
Family Astrocoeniidae	
Madracis kirbyi Veron and Pichon, 1976	35U, 47R
Palauastrea ramosa Yabe and Sugiyama, 1941	13R, 15R, 16
Stylocoeniella armata (Ehrenberg, 1834)	7R, 18R
Stylocoeniella guentheri Bassett-Smith, 1890	1R, 9R, 17R, 19R, 25R, 29R, 39R, 41R, 44, 45R, 46R, 47R
Family Pocilloporidae	
Pocillopora damicornis (Linnaeus, 1758)	1R, 2U, 3U, 4U, 6U, 7R, 8U, 9U, 10U, 12R, 13R, 14R, 15, 16U, 17R, 18R, 19R, 23U, 24U, 25R, 26R, 27R, 29R, 331U, 32R, 33R, 34U, 35R, 37R, 38R, 39A, 40U, 41U, 42R, 44R, 45R, 47R, 48R
Pocillopora eydouxi Milne Edwards and Haime, 1860	1U, 2U, 3R, 5R, 9R, 10R, 11R, 19R, 20R, 23R, 24U, 25R, 26R, 28U, 29R, 31U, 32R, 33R, 34U, 37U, 39U, 42R, 43U, 44R, 45R, 46R
Pocillopora meandrina Dana, 1846	11R, 19R, 24R, 28R, 32R, 34R, 38R, 3R
Pocillopora verrucosa (Ellis and Solander, 1786)	1C, 2U, 3U, 5R, 6R, 7R, 8U, 9R, 10C, 11U, 12R, 17U, 18U, 19U, 20U, 22U, 23U, 24U, 25C, 26C, 27U, 28U, 31U, 32U, 33U, 34A, 35U, 37C, 38C, 39D, 40U, 41U, 42U, 43C, 45U, 46U, 47U, 48R
Seriatopora caliendrum Ehrenberg, 1834	2C, 5R, 7R, 19R, 20R, 26R, 29R, 37R, 42R
Seriatopora guttatus Veron, 2000	20U, 41R
Seriatopora hystrix Dana, 1846	2C, 3C, 4R, 5R, 7U, 9R, 19R, 12R, 13C, 16C, 17U, 19U, 20U, 26U, 27C, 32R, 33C, 35U, 36U 37U, 40U, 41R, 42U, 44U, 45U
Stylophora pistillata Esper, 1797	1U, 2U, 3A, 5U, 7U, 8C, 10U, 12C, 17U, 18U, 20U, 24R, 25, 26R, 28R, 29R, 31U, 32U, 33U, 34U, 36C 37U, 38U, 41U, 42U, 43R, 44U, 45U
Stylophora subseriata (Ehrenberg, 1834)	2R, 3, 4R, 5R, 13C, 15C, 16U, 22U, 27R, 32R, 33R, 35R, 36R, 38R, 40R, 42R, 46R, 47R
Family Acroporidae	
Montipora aequituberculata Bernard, 1897	35U, 40R
Montipora altasepta Nemenzo, 1967	15 .
Montipora caliculata (Dana, 1846)	7R, 10U, 26R, 32, 33R, 34R, 38R, 39R, 42R, 44R, 45R
Montipora capitata Dana, 1846	2U, 5R, 7R, 8U, 10U, 11U, 13R, 18R, 19U, 20U, 22R, 23U, 25U, 26R, 27U, 28U, 29U, 31R, 32U, 33R, 34U, 36R, 37U, 38U, 3U, 40R, 41U, 42R, 43U, 44U, 44U, 45U
Montipora danae (Milne Edwards and Haime, 1851)	19R, 47R
Montipora digitata (Dana, 1846)	6, 46U
Montipora effusa Dana, 1846	22R
Montipora floweri Wells, 1954	R
*Montipora foveolata (*Dana, 1846)	2R, 11R, 20U, 24U, 32R, 33R, 41R, 43R

	Sites Present
Montipora gaimardi Bernard, 1897	13 .
Montipora hispida (Dana, 1846)	2R, 12R, 18R
Montipora incrassata (Dana, 1846)	1, 2R, 31R, 37R, 38R
Montipora informis Bernard, 1897	32 .
Montipora malampaya Nemenzo, 1967	12U, 15D, 16R, 46U
Montipora meandrina (Ehrenberg, 1834)	47 .
Montipora monasteriata (Forskäl, 1775)	5, 32R, 38R, 39R, 43R
Montipora orientalis Nemenzo, 1967	48 .
Montipora stellata Bernard, 1897	12U, 13U, 35R, 46C
Montipora stilosa (Ehrenberg, 1834)	35 .
Montipora tuberculosa (Lamarck, 1816)	5, 7R, 10U, 11R, 18U, 27R, 35R, 39R
Montipora turgescens Bernard, 1897	8U, 10U, 11R, 17R, 25U, 28R, 29R, 32R, 37R, 39R, 41R, 43R, 44R, 47R
Montipora venosa (Ehrenberg, 1834)	1R
Montipora verrucosa (Lamarck, 1816)	4R, 7R, 8R, 13R, 17R, 22R, 25R, 26R, 28R, 34R, 36R, 38R, 40R, 41R, 44R
Montipora verruculosus Veron, 2000	13R, 16R, 17R, 22R, 36R, 40R
Montipora vietnamensis Veron, 2000	10R, 29R
Anacropora forbesi Ridley, 1884	15, 16R, 17R. 40U
Anacropora puertogalerae Nemenzo, 1964	13C, 15C, 16
Anacropora reticulata Veron and Wallace, 1984	17U, 34R, 36U
Anacropora spinosa Rehberg, 1892	13C, 15U
Acropora abrotanoides (Lamarck, 1816)	1, 19R, 20R,
Acropora aculeus (Dana, 1846)	7, 40R
Acropora acuminata (Verrill, 1864)	1R,10C, 11U, 20U, 29C, 31U, 33U, 37U, 40R, 41U, 44R
Acropora akajimensis Veron, 1990	22 .
Acropora anthocercis (Brook, 1893)	41R
Acropora aspera (Dana, 1846)	6 .
Acropora austera (Dana, 1846)	2, 35R, 45R
Acropora batunai Wallace, 1997	41 .
Acropora carduus (Dana, 1846)	5 .
Acropora cerealis (Dana, 1846)	1, 10U, 11R, 12R, 16R, 19R, 22R, 23U, 30R, 31R, 32R, 33R, 37R, 38R, 39R, 43R, 44
Acropora clathrata (Brook, 1891)	1U, 2U, 10R, 11R, 19R, 20U, 23R, 25R, 28R, 29U, 32U, 34R, 3&U, 39R, 44R
Acropora cophodactyla (Brook, 1892)	11, 23R
Acropora sp. 1	35 .
Acropora cytherea (Dana, 1846)	1R, 2U, 10C, 19C, 20U, 22R, 23R, 24U, 26U, 27U, 29A, 31U, 32U, 33R, 34R, 35R, 36R, 37U, 38U, 39R, 40U, 41U, 43U, 44R, 45U, 46R
Acropora dendrum (Bassett-Smith, 1890)	7, 16
Acropora digitifera (Dana, 1846)	2R, 6U, 10C, 19U, 20R, 23R, 26U, 31U, 32U, 33U, 33U, 37R, 40R, 41R, 42R, 44R, 45R, 47R
Acropora divaricata (Dana, 1846)	5R, 7R, 8U, 10U, 19R, 23U, 28U, 34R, 38R, 44R, 46U
Acropora echinata (Dana, 1846)	4U, 9C, 12R, 13C, 16C, 17C, 22U, 36C
Acropora florida (Dana, 1846)	1U, 2C, 3R, 4C, 5C, 7R, 8R, 9R, 10R, 11U, 16U, 17U, 18'R, 19R, 20U, 22U, 23C, 24R, 25R, 26U, 27U, 28R, 31U, 32R, 33U, 34U, 35R, 37U, 38U, 39U, 40U, 41C, 42R, 43U, 44U, 47R

	Sites Present
Acropora gemmifera (Brook, 1892)	2R, 3A, 7R, 10R, 11U, 16U, 18R, 19U, 20U, 22U, 23U, 24D, 26R, 28U, 31U, 32R, 33U, 34R, 38R, 40U, 41U, 42R, 44U, 45U, 47R
Acropora glauca (Brook, 1893)	29, 39, 41U,42, 44, 45U, 46R,
Acropora grandis (Brook, 1892)	3R, 5R, 12U, 15, 16, 18, 22U, 33U, 45R,
Acropora granulosa (Milne Edwards and Haime, 1860)	1U, 8C, 9U, 12R, 17R, 19U, 20R, 29R, 32R, 35R, 36R, 37R, 38R, 40U, 41U
Acropora halmaherae Wallace and Wolstenholme, 1998	13 .
Acropora humilis (Dana, 1846)	1U, 2U, 3C, 4C, 5R, 7U, 9U, 10R, 12C, 16U, 17R, 18R, 19U, 20U, 22U, 23U, 24U, 25U, 26R, 27R, 28U, 29R, 31R, 33U, 34R, 36R, 37R, 38R, 39R, 41U, 43U, 43R, 44U
Acropora hyacinthus (Dana, 1846)	1R, 2R, 3R, 6U, 10C, 11C, 18R, 19C, 20C, 22U, 23U, 24U, 26U, 27U, 28C, 29C, 31U, 32U, 33U, 34U, 35R, 36U, 37U, 38U, 29R, 40R, 41U, 44R, 45U, 47R
Acropora inermis (Brook, 1891)	34 .
Acropora insignis Nemenzo, 1967	7, 19, 25R, 26 32R, 39R, 43R
Acropora jacquelineae Wallace, 1994	2R
Acropora kirstyae Veron & Wallace, 1984	13, 16, 36
Acropora latistella (Brook, 1891)	1R, 16, 19, 20, 25R, 32R, 34R, 35U, 37U, 38R
Acropora loisettae Wallace, 1964	16, 22
Acropora longicyathus (Milne Edwards and Haime, 1860)	2, 4R, 9R, 13C, 15A, 16C, 17C, 22U, 33R, 39R, 40R
Acropora loripes (Brook, 1892)	19U, 22R, 25U, 26U, 27R, 28R, 29R, 31R, 32U, 33U, 3R, 35R, 38R, 43U, 44U
Acropora lutkeni Crossland, 1952	18R, 24U, 28U, 34R, 38R
Acropora microclados (Ehrenberg, 1834)	19R, 31R, 33R, 35R, 27R
Acropora microphthalma (Verrill, 1859)	2, 4A, 5C, 6R, 9R, 11R, 12C, 13R, 15U,16C, 18A, 19C, 23U, 27U, 29R, 30U, 35U, 39R, 40U, 41R, 44R, 45R, 47U, 48U
Acropora millepora (Ehrenberg, 1834)	2R, 3R, 6R, 7C, 10R, 13R, 16U, 23U, 25R, 32R, 33U, 34R, 37R, 39R, 40R, 41R, 44R, 45R, 46R
Acropora mirabilis (Quelch, 1886)	41R
Acropora monticulosa (Brüggemann, 1879)	20U, 26U, 31R, 32R, 37R, 40R
Acropora muricata (Dana, 1846)	3, 11U, 12U, 13U, 18R, 19C, 23U, 27C, 29U, 31, 34A, 36U, 41U, 44C, 45U, 46R
Acropora nana (Studer, 1878)	20C, 24C, 34U, 40U, 45U, 47R
Acropora nasuta (Dana, 1846)	3R, 6R, 7U, 10R, 11U, 16U, 18U, 20U, 22R, 23U, 24R, 26R, 29R, 31R, 32R, 33R, 34R, 35R, 36R, 38R, 40R, 41U, 44U, 45R, 46R
Acropora nobilis (Dana, 1846)	5, 11R, 19R, 20, 23R, 26R, 29U, 31U, 35C, 36U, 38U, 40, 41C
Acropora paniculata Verrill, 1902	2R, 29R, 31R, 32R, 45R
Acropora parilis (Quelch, 1886)	12C, 13U, 36C, 42R, 46R, 47U, 48U
Acropora pectinatus Veron, 2000	3, 36R, 39R
Acropora pharaonis (Milne Edwards and Haime, 1860)	16, 19U, 20R
Acropora plana Nemenzo, 1967	8C, 9U, 10R, 19R, 29R, 32R, 34R, 35R, 36R, 39R, 40R, 47R
Acropora polystoma (Brook, 1891)	38U, 39U, 41R, 44R
Acropora retusa (Dana, 1846)	19R, 20, 37, 38
Acropora robusta (Dana, 1846)	2U, 3, 10U, 20R, 24C, 26R, 29R, 31R, 32R, 35R, 37R, 40R, 41C, 42U, 44R, 45U
Acropora rosaria (Dana, 1846)	2, 3, 4U, 5U, 7A, 8C, 11R, 12R, 16R, 18U, 20R, 22U, 23U, 26R, 27U, 28R, 33U, 34R, 35R, 36R, 27R, 41R, 44U, 47R
Acropora rudis (Rehberg, 1892)	12U, 48R

	Sites Present
Acropora samoensis (Brook, 1891)	45R, 46U, 47U
Acropora sarmentosa (Brook, 1892)	2R, 7R, 8U, 10R, 18R, 25U, 28C, 31R, 33R, 34R, 27R, 38R, 39R, 41R, 43R, 44U, 47R
Acropora secale (Studer, 1878)	2, 10, 18, 32R, 34R, 39R, 41, 44R,
Acropora selago (Studer, 1878)	2, 7, 16, 23R, 28R, 31R, 32U, 33R, 36, 37R, 38R, 41R, 44R, 47R
Acropora spathulata (Brook, 1891)	7R, 10R, 11R, 16, 18R, 19R, 22R, 23R, 24R, 33U, 40R, 41R, 44R, 47R
Acropora speciosa (Quelch, 1886)	1, 36C, 40U
Acropora spicifera (Dana, 1846)	11U, 12R, 22R, 23U, 24U, 25R, 27R, 34R, 44U
Acropora subglabra (Brook, 1891)	7U, 12U, 13C, 16A, 27U, 3C, 36A, 38R, 40U, 41R, 47U, 48U
Acropora subulata (Dana, 1846)	7, 8R, 27R .
Acropora tenella (Brook, 1892)	41 .
Acropora tenuis (Dana, 1846)	2R, 7R, 8R, 10R, 11R, 17R, 19R, 20U, 23U, 26R, 27R, 31R, 33R, 34R, 35R, 37R, 39R, 40u, 41R, 44R, 45R, 46R, 47R
Acropora teres Verrill, 1866	13 .
Acropora valenciennesi (Milne Edwards and Haime, 1860)	5R, 8U, 9U, 11R, 16, 19R, 34R, 36U, 43R, 47R
Acropora valida (Dana, 1846)	1U, 10R, 19R, 20, 23R, 24R, 25R, 26C, 27R, 28R, 31R, 32R, 33R, 34R, 35U, 41R, 45R
*Acropora vaughani*Wells, 1954	4R, 5C, 9U, 15D, 16A, 18U, 22U, 33R, 36A, 40U, 44R, 45R, 47R
Acropora verweyi Veron and Wallace, 1984	3R, 20R, 23U, 38R, 40R
Acropora willisae Veron and Wallace, 1984	38R
Acropora yongei Veron and Wallace, 1984	1R, 2R, 10R, 19C, 22R, 27R, 31U, 32U, 34R, 38R, 40R, 41R, 43R, 44R, 45R, 48R
Isopora crateriformis (Gardiner, 1898)	1R, 2U, 10R, 20C, 25R, 26U, 27R, 28R, 29C, 37C, 38R, 41R
Isopora cuneata (Dana, 1846)	12U, 20, 32R, 32R, 41R, 44U, 45R,
Isopora palifera (Lamarck, 1816)	2C, 3U, 4U, 5C, 7R, 10U, 11U, 12C, 18R, 10U, 20C, 22U, 26U, 27U, 29U, 31U, 32R, 33U, 23R, 35U, 38C, 39R, 40R, 43U, 44C
Astreopora gracilis Bernard, 1896	8R, 19R, 28R, 32R, 36R, 40R
Astreopora listeri Bernard, 1896	5R, 7R
Astreopora myriophthalma (Lamarck, 1816)	3U, 5U, 6R, 7R, 8C, 10R, 11U, 12R, 13U, 15R, 16U, 17U, 19R, 22R, 24R, 25R, 26R, 28R, 31R, 32R, 34R, 41R, 42R, 43R, 45R, 47R
Astreopora randalli Lamberts, 1980	10R, 11R, 17R, 19R, 20R, 29R, 39R, 30R, 41R, 44$, 48U
Astreoora suggesta Wells, 1954	31 .
Family Euphyllidae	
Catalaphyllia jardeni (Saville-Kent, 1893)	15R
Euphyllia ancora Veron and Pichon, 1979	13R, 15R, 16U, 23R, 48R
Euphyllia cristata Chevalier, 1971	12R, 26R, 40R
Euphyllia divisa Veron and Pichon, 1980	32R
Euphyllia glabrescens (Chamisso and Eysenhardt, 1821)	15R, 18C,
Physogyra lichtensteini (Milne Edwards and Haime, 1851)	2R, 5R, 7R, 9R, 10R, 13U, 17U, 22U, 23R, 25R, 27R, 28U, 29R, 33R, 34U, 36R, 40R, 43R, 49R
Plerogyra simplex Rehberg, 1892	17U, 28R
Plerogyra sinuosa (Dana, 1846)	6R, 13R, 17R, 34R, 36R
Family Oculinidae	
Galaxea astreata (Lamarck, 1816)	2R, 4, 5U, 6U, 12R, 13R, 16U, 17r, 20R, 22R, 23R, 26R, 28R, 32R, 33R, 35R, 36R, 37R, 38R, 39R, 40R, 41R, 45R, 46C, 48U

	Sites Present
Galaxea fascicularis (Linnaeus, 1767)	4R, 5R, 6U, 7R, 8R, 10R, 11R, 12R, 15U, 17R, 18R, 19R, 22R, 25R, 26R, 27R, 28R, 29U, 31R, 32R, 33R, 34R, 38R, 39R, 40R, 41R, 42R, 44R, 45R, 46U, 47R
Galaxea horrescens (Dana, 1846)	4R, 13R, 22R, 27U
Galaxea paucisepta Claereboudt, 1990	4R, 6R, 12R, 45R
Family Siderastreidae	
Pseudosiderastrea tayami Yabe and Sugiyama, 1935	6, 46U, 48R
Psammocora contigua (Esper, 1797)	3U, 4U, 5R, 6U, 9R, 12U, 13C, 15U, 16R, 18R, 22U, 23U, 33R, 35R, 36R, 39R, 40R, 41R, 42R, 46U, 47U, 48A
Psammocora digitata Milne Edwards and Haime, 1851	4, 5R, 6R, 12R, 17R, 23, 25R, 26R, 28R, 29R, 31R, 34R, 36R, 38R, 40R, 41R, 42R, 43R
Psammocora haimeana Milne Edwards and Haime, 1851	4R, 27R
Psammocora nierstraszi Horst, 1921	1R, 5R, 9R, 13R, 18R, 31R, 34R, 37R, 39R, 41R, 44R
Psammocora profundacella Gardiner, 1898	5R, 10R, 121R, 16R, 19R, 20R, 23R, 25R, 27R, 31R, 37R, 45R, 46R, 47R, 48R
Psammocora superficialis Gardiner, 1898	4R, 6R, 9R, 12R, 19R, 22R, 25R, 28R, 29R, 32R, 46C, 47C, 47R, 48R
Psammocora sp.	5R, 6R, 7R, 10R, 11R, 12R, 17R, 19R, 22R, 25R, 28R, 29U, 31U, 32U, 33R, 34R, 35R, 37R, 38U, 39R, 40U, 41U, 42U, 43R, 44R, 45R
Coscinaraea columna (Dana, 1846)	2R, 4R, 5R, 6R, 11R, 20, 25R, 26R, 28R, 31R, 33R, 34R, 37R, 38U, 39R, 42R, 46R
Coscinaraea exesa (Dana, 1846)	2R, 3R, 10R, 17R, 19R, 20, 29R, 31R, 32R, 33U, 34R, 38R, 40R, 43R, 44, 45R, 46R
Coscinaraea monile (Foskål, 1775)	38 .
Coscinaraea wellsi Veron and Pichon, 1980	41R
Coscinaraea sp. per *Psammocora vaughani* in Veron (2000)	1 .
Family Agariciidae	
Pavona bipartita Nemenzo, 1980	17R, 36U, 39R, 43R, 46R
Pavona cactus (Forskål, 1775)	9A, 12U, 13A, 15U, 16C, 17U, 35R, 36A, 40C, 46R, 47C, 48R
Pavona chiriquensis Glynn, Mate & Stemann, 2001	13U, 16R, 17R, 19, 20U, 22R, 27R, 31R, 33R, 34R, 35R, 37R, 39R, 40R, 46R, 47R
Pavona clavus (Dana, 1846)	22A
Pavona decussata (Dana, 1846)	3U, 5R, 6U, 12U, 13U, 15U, 16R, 17R, 18U, 22U, 23U, 27, 36R, 40R, 46U, 48U
Pavona duerdeni Vaughan, 1907	2U, 3U, 8R, 19U, 20R, 22R, 26R, 28R, 29R, 31R, 32R, 33R, 34R, 37U, 39R, 41R, 43R
Pavona explanulata (Lamarck, 1816)	4U, 5R, 6R, 9R, 10R, 13?U, 16R, 17R, 19R, 23R, 27R, 28R, 29, 35R, 37R, 39R, 41R, 45R, 47R, 48R
Pavona gigantea Verrill, 1896	27R, 29, 39R
Pavona maldivensis (Gardiner, 1905)	1R, 2R, 8R, 10U, 32R, 33R, 34R, 37R, 41R, 45R
Pavona varians Verrill, 1864	1R, 2U, 3R, 4U, 5U, 6R, 7R, 8U, 9U, 10U, 11U, 13U, 16U, 17R, 18U, 19U, 20U, 25R, 26R, 27R, 28R, 31R, 33R, 37R, 38R, 39R, 40U, 41R, 43R, 44R, 45R, 46R, 47R
Pavona venosa (Ehrenberg, 1834)	6C, 11R, 12R, 13R, 16R, 18R, 36R, 46U, 48U
Leptoseris explanata Yabe and Sugiyama, 1941	17, 19, 26R, 29R, 32R, 34R, 35R, 36C, 40R, 41R, 47R
Leptoseris foliosa Dinesen, 1980	47R
Leptoseris gardinaeri Horst, 1921	40R, 44
Leptoseris hawaiiensis Vaughan, 1907	47C
Leptoseris incrustans (Quelch, 1886)	10U, 31R, 35

	Sites Present
Leptoseris mycetoseroides Wells, 1954	1U, 13R, 19R, 26R, 27, 31R, 32R, 37R, 41R, 43R, 45R
Leptoseris scabra Vaughan, 1907	1R, 29R, 35, 36R, 40R,
Leptoseris striata Fenner and Veron, 2000	35U, 47R
Leptoseris yabei Pillai and Scheer, 1976	10R, 16R, 20R, 26R, 35U, 39R, 40U
Coeloseris mayeri Vaughan, 1918	1U, 3C, 4R, 5R, 10U, 12U, 22U, 24U, 27U, 28R, 31U, 33R, 37U, 38U, 39R, 40R, 42U, 44R, 45R
Gardineroseris planulata Dana, 1846	1R, 2R, 4R, 6R, 10R, 17R, 27R, 31R, 32R, 37R, 41R, 43R, 44R
Pachyseris gemmae Nemenzo, 1955	9R, 17, 19R, 26R, 40R, 41R, 45R
Pachyseris rugosa (Lamarck, 1801)	4R, 5R, 12R, 16R, 23R, 27U, 36U, 42U, 49A
Pachyseris speciosa (Dana, 1846)	1R, 2U, 4C, 5R, 6R, 8U, 10U, 12R, 15R, 16R, 17C, 19C, 20C, 22R, 23U, 25R, 26A, 27C, 28U, 29R, 31U, 32C, 33U, 35D, 36U, 37R, 38U, 39U, 41C, 42U, 43U, 44R, 45R, 46U, 47U, 48U
Family Fungiidae	
Cycloseris costulata Ortmann, 1889	15R, 16R, 38R, 41R
Cycloseris cyclolites Lamarck, 1801	16R
Cycloseris vaughani (Boschma, 1923)	2R, 16, 31, 34R, 41
Cantharellus jebbi Hoeksema, 1993	6U, 8R, 13C, 16R, 27R, 35, 36R, 40R, 41R, 46R, 47U, 48U
Heliofungia actiniformis Quoy and Gaimard, 1833	9R, 13R, 16U, 17U, 22U, 27R
Fungia concinna Verrill, 1864	4U, 5U, 9C, 12R, 13U, 15U, 16C, 20U, 22U, 25U, 26U, 27U, 29U, 31R, 32R, 33U, 36U, 37R, 38R, 39R, 40C, 41U, 42U, 44R, 45U, 46U, 47R
Fungia fungites (Linneaus, 1758)	2R, 3U, 4C, 5U, 9C, 10R, 18U, 20, 22U, 27C, 31C, 32R, 33R, 34U, 35U, 36R, 37$, 38R, 39R, 40U, 41U, 45R, 46U, 47R, 48U
Fungia granulosa Klunzinger, 1879	5R, 9R, 13U, 16U, 25R, 33R, 34R, 35R, 37R, 40R, 42R, 47R, 41
Fungia horrida Dana, 1846	2, 3R, 4R, 5, 9R, 20U, 25R, 26R, 28R, 31R, 33U, 38R, 40R, 41R, 44R, 45R, 47R
Fungia klunzingeri Doderlein, 1901	4U, 22R, 23R, 25R, 26R, 27, 29, 33R, 36R, 40, 41R, 45R
Fungia mollucensis Horst, 1919	9U, 13R, 17R, 29R, 35R, 36U, 40C, 41R, 45R
Fungia paumotensis Stutchbury, 1833	3U, 4C, 5U, 9U, 12R, 13C, 15C, 16C, 17U, 18R, 20U, 22U, 25U, 29R, 31R, 33R, 34R, 36U, 38U, 39R, 40C, 41U, 42U, 44R, 45R, 46R, 47R, 48R
Fungia scabra Doederlein, 1901	3 .
Fungia scruposa Klunzinger, 1879	8, 26R, 29R, 33R, 35R, 36C, 40C, 41R, 43R, 44R, 46R
Fungia scutaria Lamarck, 1801	1U, 2R, 3R, 20R, 23R, 25R, 28R, 31R, 32R, 33R, 34R, 38R, 39R, 41R, 43R, 44R, 45R
Fungia spinifer Claereboudt and Hoeksema, 1987	29R
Ctenactis albitentaculata Hoeksema, 1989	1U, 5R, 9R, 16U, 36R, 40U, 41U, 45R, 47R
Ctenactis crassa (Dana, 1846)	4R, 5R, 8R, 9R, 19R, 26R, 27R, 29R, 35R, 38R, 39R, 40R, 41R, 42R, 45R
Ctenactis echinata (Pallas, 1766)	3R, 4C, 5C, 9C, 12R, 13C, 15R, 16U, 18R, 23R, 27U, 31R, 33C, 35U, 36U, 37R, 38R, 39U, 40U, 41C, 42U, 44U, 45U, 46C, 47U, 48U
Herpolitha limax (Houttuyn, 1772)	4R, 9U, 12R, 15U, 16U, 17U, 20R, 27R, 29U, 33?R, 35R, 39R, 40R, 42R, 45U, 47R
Polyphyllia novaehiberniae (Lesson, 1831)	11R, 42R
Polyphyllia talpina (Lamarck, 1801)	15R, 22R, 27R, 29U, 34R, 36U, 41R, 42C, 44R
Sandalolitha dentata Quelch, 1884	27R, 35U
Sandalolitha robusta Quelch, 1886	4U, 5R, 7R, 9U, 12R, 17R, 23R, 25R, 27R, 28U, 29R, 31R, 32R, 33R, 34R, 36R, 37R, 38R, 39R, 40R, 41U, 42U, 43R, 44R, 45R, 46R, 48R
Lithophyllon undulatum Rehberg, 1892	12R
Podabacia motuporensis Veron, 1990	1R, 2R, 9R, 19R, 26R, 27R, 28R, 32R, 41R, 43R

	Sites Present
Family Pectiniidae	
Echinomorpha nishihirai (Veron, 1990)	10R, 16R, 31, 35, 36R, 41R,
Echinophyllia aspera (Ellis and Solander, 1788)	9R, 17R, 29R, 31R, 35R, 37R, 40U, 41R, 43R
Echinophyllia echinata (Saville-Kent, 1871)	35, 40R
Echinophyllia orpheensis Veron and Pichon, 1980	4R, 5U, 6R, 7R, 12R, 13, 16U, 22R, 33R, 39R, 40R, 41R, 42U, 45R, 46R, 47, 48U
Oxypora crassispinosa Nemenzo, 1979	9U, 29, 33, 34, 35R, 36U, 40R, 45R, 47R,
Oxypora lacera Verrill, 1864	2R, 4R, 10R, 11R, 12R, 17R, 25R, 26R, 27R, 29R, 31U, 32U, 33R, 35U, 36U, 37U, 38R, 39R, 40U, 41R, 42R, 45U, 46R, 47R, 48R
Mycedium elephantotus (Pallas, 1766)	1R, 2U, 3R, 9R, 10R, 16R, 19R, 20C, 26R, 28R, 31U, 32C, 33R, 35C, 36U, 37R, 38U, 39U, 40C, 42R, 45C, 47U
Mycedium sp.	29 .
Pectinia alcicornis Saville-Kent, 1871	4, 13U, 17R, 40R, 45R
Pectinia aylini Wells, 1935	5R, 27R
Pectinia lactuca (Pallas, 1766)	1R, 4R, 9R, 10U, 17R, 19R, 20R, 23U, 27R, 28R, 29R, 31R, 32U, 33R, 34R, 35U, 37R, 38R, 39R, 40R, 41R, 44R, 46R, 48R
Pectinia maxima Moll and Borel-Best, 1984	4R, 22R, 23R
Pectinia paeonia (Dana, 1846)	3R, 4C, 5R, 16R, 18R, 33R
Family Merulinidae	
Hydnophora exesa (Pallas, 1766)	1U, 2R, 4R, 6U, 9R, 12R, 17R, 19R, 20U, 22R, 23R, 24R, 26R, 27R, 29R, 31U, 32U, 33R, 34U, 36R, 37R, 38R, 39U, 40U, 41U, 42R, 45R, 47R, 48R
Hydnophora grandis Gardiner, 1904	3R, 4R, 5R, 7R, 13R, 16R, 23R, 27R, 31R, 33R, 36R, 37R, 38R, 40U, 41R, 42R, 48U
Hydnophora microconos (Lamarck, 1816)	1R, 3R, 4, 10R, 12R, 16R, 23R, 26U, 28R, 29R, 31U, 32R, 33R, 34U, 37R, 38R, 40R, 41R, 43R, 45R, 47R
Hydnophora rigida (Dana, 1846)	6R, 9R, 12R, 13U, 16R, 17R, 19R, 26R, 27R, 31R, 34R, 36C, 41R, 42R, 45R
Merulina ampliata (Ellis and Solander, 1786)	2R, 4U, 5R, 6R, 9R, 12R, 16R, 17R, 22R, 29R, 33R, 35R, 40R, 41R, 45U, 46U, 48R
Merulina scabricula Dana, 1846	2U, 3U, 4C, 5U, 6R, 8U, 9C, 10U, 12U, 13U, 15U, 16U, 17R, 19R, 20R, 23U, 26U, 27U, 31C, 32R, 33R, 37R, 38U, 39R, 40C, 41C, 42U
Scapophyllia cylindrica Milne Edwards and Haime, 1848	1U, 19R, 20R, 23R, 26R, 29R, 31R, 32R, 34R, 35R, 36R, 38R, 39R, 40R, 41U, 43R, 45R, 46R
Family Dendrophylliidae	
Cladopsammia sp.	10 .
Dendrophyllia cf. *coccinea* (Ehrenberg, 1834)	19R, 35D
Dendrophyllia cf. *gracilis* Milne Edwards and Haime, 1848	1C, 26R, 29R, 34R, 35R
Eguchipsammia sp.	10R
Rhizopsammia verrilli van der Horst, 1922	4, 28R, 32R, 47U
Tubastraea coccinea Lesson, 1829	19R, 29C, 43R
Tubastraea diaphana (Dana, 1846)	19, 28R
Tubastraea micranthus Ehrenberg, 1834	8U, 10R, 19R, 25U, 28R, 29U, 32R, 34R, 35R, 36R, 39R, 42R, 43C, 45R, 47R
Turbinaria frondens (Dana, 1846)	1R, 17R, 38R, 42R, 44R, 47R
Turbinaria heronensis Wells, 1958	36R
Turbinaria irregularis Bernard, 1896	4R, 34, 41R, 42R, 45R, 47U
Turbinaria mesenterina (Lamarck, 1816)	4R, 6C, 10R, 12R, 15R, 16R, 17R, 23R, 25R, 28R, 29R, 32R, 34U, 38R, 40R, 42U, 45R, 47R, 48R

	Sites Present
Turbinaria patula (Dana, 1846)	29R, 34R, 36R, 42R, 45R, 46, 47R, 48U,
Turbinaria peltata (Esper, 1794)	5R, 6U, 8U, 12R, 16R, 19R, 28R, 29R, 32R, 36R, 41R, 42R, 45R, 46R, 48R
Turbinaria reniformis Bernard, 1896	3U, 4R, 5U, 8R, 16R, 17R, 20U, 22R, 23R, 26R, 27R, 31R, 32U, 33R, 35R, 36R, 38R, 39R, 40R, 41R, 42U, 44R, 45R, 46U, 47U, 48R
Turbinaria stellulata (Lamarck, 1816)	4R, 10R, 12R, 17R, 18R, 19R, 39R, 40R, 42R, 44R, 46R, 47R, 48R
Family Mussidae	
Blastomussa merleti Wells, 1961	12R, 46R
Acanthastrea brevis Milne Edwards and Haime, 1849	9R, 10R, 11R, 20R, 28R, 29R, 34R, 38R, 4r3R
Acanthastrea echinata (Dana, 1846*)*	3, 31R, 32R, 41R
Acanthastrea hemprichii (Ehrenberg, 1834)	2U, 8R, 10U, 19U, 20U, 22R, 26U, 27R, 28R, 32U, 33R, 34R, 35R, 37R, 39U, 41R, 42R, 44R, 45U, 47R
Acanthastrea ishigakiensis Veron, 1990	25R, 44R
Acanthastrea cf. *subechinata*	8R, 32R
Acanthastrea rotundoflora Chevalier, 1975	31R, 37R, 39
Lobophyllia corymbosa (Forskål, 1775)	4C, 5U, 9R, 12R, 15U, 16R, 27R, 32R, 33U, 40R, 41R, 42R, 45R, 46R, 48R
Lobophyllia diminuta Veron, 1985	13R
Lobophyllia hataii Yabe and Sugiyama, 1936	4R, 9R, 12R, 13R, 17R
Lobophyllia hemprichii (Ehrenberg, 1834)	2U, 5U, 9U, 12R, 13R, 17R, 18R, 20R, 22U, 23U, 25R, 27R, 28R, 29R, 31U, 33U, 34R, 35U, 36R, 37U, 38R, 39R, 40U, 41U, 42U, 44R, 47R, 48R
Lobophyllia pachysepta Chevalier, 1975	4U, 8R, 9R, 12R, 16R, 29R, 32R, 36R, 39R, 40R, 41R, 42U, 45U
Lobophyllia robusta Yabe and Sugiyama, 1936	2R, 5R, 8R, 10R, 27R, 32R, 35R, 41R, 44R, 46R, 47R
Symphyllia agaricia Milne Edwards and Haime, 1849	6R, 19R, 20R, 29R, 31R, 32R, 34R, 35R, 38R, 40R
Symphyllia hassi Pillai and Scheer, 1976	7R, 9, 12R, 16R, 17, 29R, 37R, 39R
Symphyllia radians Milne Edwards and Haime, 1849	4R, 17R, 22R, 26R, 31, 36R, 38R, 41R, 44R, 45R, 46R,
Symphyllia recta (Dana, 1846)	2R, 3R, 4U, 6R, 7R, 9R, 10U, 11R, 12R, 18U, 19R, 22R, 23U, 26R, 27R, 29U, 31R, 34U, 37R, 38R, 39R, 41R, 44R, 45R, 47R
Scolymia australis (Milne Edwards and Haime, 1849)	26R, 29R, 33R
Scolymia vitiensis Brüggemann, 1878	2R, 4R, 5R, 9, 10R, 17R, 25R, 29U, 32R, 33R, 35R, 36U, 38R, 40R, 41R, 42R, 44R, 45R, 48R
Cynarina lacrymalis (Milne Edwards and Haime, 1848)	9R, 23R, 36R
Family Faviidae	
Caulastrea curvata Wijsmann-Best, 1972	13, 29R, 38R, 42R, 45R, 48
Caulastrea echinulata (Milne Edwards and Haime, 1849)	33 .
Caulastrea furcata Dana, 1846	13R, 17R, 33R, 35R, 42R, 44R, 45
Favia maritima (Nemenzo, 1971)	29R
Favia matthaii Vaughan, 1918	22R, 23R, 25R, 26R, 31R, 33R, 38R, 39R
Favia maxima Veron, Pichon & Wijsman-Best, 1972	25R, 29R
Favia pallida (Dana, 1846)	10R, 17U, 19U, 20C, 22C, 24U, 25U, 26U, 27R, 28R, 31U, 32U, 33U, 34R, 37U,
*Favia rotundata (*Veron, Pichon & Wijsman-Best, 1972)	3, 9R, 19, 39R, 41R,
Favia speciosa Dana, 1846	5C, 12C, 17U, 19R, 33U
Favia stelligera (Dana, 1846)	1R, 2u, 3U, 5R, 10U, 11U, 20U, 22R, 25U, 26U, 27R, 28R, 29R, 31C, 32U, 33R, 34C, 37R, 38U, 39U, 40R, 42R, 43R, 44U, 45R
Favia truncatus Veron, 2000	8, 12R, 22R, 2R, 32R, 34R, 44R, 47R

	Sites Present
Barabattoia amicorum (Milne Edwards and Haime, 1850)	36 .
Favites abdita (Ellis and Solander, 1786)	2U, 3U, 4R, 6U, 9R, 10R, 12R, 13R, 17R, 20R, 23R, 26R, 27R, 29R, 32R, 33R, 42R
Favites complanata (Ehrenberg, 1834)	2 .
Favites flexuosa (Dana, 1846)	26R, 37R
Favites halicora (Ehrenberg, 1834)	5R, 7R, 8R, 10R, 18R, 19R, 22R, 25U, 28R, 29R, 31R, 34, 38R, 39R, 40R, 44R
Favites parafleuosa Veron, 2000	29, 32R, 38R, 39R, 42R, 47R
Favites pentagona (Esper, 1794)	29R, 31R
Favites russelli (Wells, 1954)	5R, 17R, 31R
Goniastrea aspera Verrill, 1905	6U, 12, 48U
Goniastrea australensis (Milne Edwards and Haime, 1857)	10R, 26R, 29R, 45R
Goniastrea edwardsi Chevalier, 1971	2R, 5R, 7U, 11R, 12R, 17U, 18R, 20R, 22R, 26R, 27R, 28R, 31R, 34R, 35R, 36R, 38R, 41R, 43R, 45R, 47R
Goniastrea favulus (Dana, 1846)	31R, 39R, 45R
Goniastrea minuta Veron, 2000	1C, 2, 3U, 6C, 7R, 10R, 11R, 18R, 19R, 22R, 26C, 29R, 31U, 32U, 33R, 34U, 37R, 38R, 39R, 40R, 41U, 42R, 43R, 44R
Goniastrea palauensis (Yabe and Sugiyama, 1936)	23R
Goniastrea pectinata (Ehrenberg, 1834)	2R, 3R, 4U, 5U, 6U, 8U, 9U, 10U, 11U, 12U, 13U, 17U, 19R, 20U, 23R, 26U, 28R, 29R, 32U, 33U, 34R, 36R, 38R, 39U, 40U, 41U, 42U, 44R, 45U, 46R, 47R, 48R
Goniastrea retiformis (Lamarck, 1816)	3R, 4U, 5R, 7U, 8R, 9U, 12U, 13U, 19U, 23U, 29R, 33R, 34R, 27R, 29R, 42R, 43R, 44R, 48R
Platygyra contorta Veron, 1990	39R
Platygyra daedalea (Ellis and Solander, 1786)	2R, 3U, 4C, 5U, 6, 10U, 12R, 17U, 18R, 19U, 20U, 22U, 23U, 24R, 25R, 26R, 29R, 31U, 32U, 33U, 34U, 35U, 36R, 37R, 38U, 39R, 40U, 41U, 42R, 43R, 45U, 46R
Platygyra lamellina (Ehrenberg, 1834)	2, 41R, 46R
Platygyra pini Chevalier, 1975	4C, 9R
Platygyra ryukyuensis Yabe and Sugiyama, 1936	6A, 41R
Platygyra sinensis (Milne Edwards and Haime, 1849)	22R, 29R
Platygyra yaeyamaensis Eguchi and Shirai, 1977	2, 3, 29
Oulophyllia bennettae (Veron & Pichon, 1977)	13U, 41R, 44, 45R
Oulophyllia crispa (Lamarck, 1816)	1, 2R, 10R, 20, 23R, 24R, 34R, 36R, 42R, 43R
Leptoria phrygia (Ellis and Solander, 1786)	1U, 2U, 4U, 5U, 6U, 8R, 10R, 12R, 16R, 19R, 20U, 22R, 23R, 24R, 25R, 26R, 27R, 28R, 29R, 31U, 32U, 33U, 34R, 35C, 36R, 37U, 38U, 39U, 40U, 41R, 43U, 44R, 45U, 46R
Montastrea annuligera (Milne Edwards and Haime, 1849)	5R, 10R, 11R, 19R, 20R, 26R, 29R, 32R, 34R, 37R, 38R
Montastrea curta (Dana, 1846)	1R, 2R, 3R, 8U, 9R, 10U, 11R, 12R, 17R, 19R, 20R, 22R, 23U, 24R, 25U, 26R, 27R, 28U, 31R, 32R, 33R, 34U, 36R, 37R, 38R, 39R, 40R, 41R, 43U, 45R, 47R
Montastrea magnistellata Chevalier, 1971	3U, 4U, 5U, 6U, 7U, 8R, 9R, 10R, 11R, 12U, 13U, 16U, 17R, 22R, 23R, 27R, 28R, 29R, 33$, 35R, 36R, 39R, 40R, 41R, 42R, 44R, 45R, 47R
Montastrea salebrosa (Nemenzo, 1959)	7, 8, 19U, 25R, 28R, 40R
Plesiastrea versipora (Lamarck, 1816)	19, 20R, 22R, 32R, 33R, 40, 45R, 46R, 47R,
Diploastrea heliopora (Lamarck, 1816)	1C, 2U, 3U, 4U, 7U, 8U, 9U, 10C, 11U, 18U, 20U, 22U, 23U, 25U, 26U, 27U, 28U, 31R, 32R, 33R, 34C, 35R, 36R, 37U, 29C, 41R, 42U, 43R, 44U, 45R

	Sites Present
Leptastrea bewickensis Veron and Pichon, 1977	1, 2, 6, 7, 8, 19R, 33R
Leptastrea bottae (Milne Edwards and Haime, 1849)	8R, 9R
Leptastrea inaequalis Klunzinger, 1879	1R, 8R, 22R, 24R, 25R, 26R, 28R, 31R, 32R, 37R, 38R, 29R, 43R
Leptastrea pruinosa Crossland, 1952	1, 3, 4R, 6R, 10R, 22R, 26R, 33R, 39R, 40R, 45R, 46R
Leptastrea purpurea (Dana, 1846)	1R, 3R, 5R, 6R, 7R, 17R, 20R, 22R, 23R, 27R, 31R, 33R, 39R, 40R, 44R, 46U, 47R
Leptastrea transversa Klunzinger, 1879	1R, 2U, 16R, 18R, 20R, 31U, 32R, 33R, 34R, 37R, 41R, 43R, 44R, 45R, 46R
Leptastrea sp.	4, 12C, 17U
Cyphastrea decadia Moll and Best, 1984	3R, 6R, 17U, 31R, 32R, 33R, 39R, 41R, 45R
Cyphastrea serailia (Forskål, 1775)	47 .
Echinopora gemmacea Lamarck, 1816	3R, 4C, 5C, 7R, 8R, 9R, 13C, 16R, 20R, 26R, 27R, 29R, 31R, 32R, 33R, 35U, 36R, 37U, 38U, 41R, 44R, 47R
Echinopora hirsutissima Milne Edwards and Haime, 1849	1R, 5R, 6U, 10U, 18R, 19U, 20U, 23U, 25R, 26R, 28R, 29R, 31R, 32U, 34U, 35U, 37U, 38U, 39U, 43R, 45R, 47R
Echinopora horrida Dana, 1846	3C, 4U, 5U, 11R, 12R, 16R, 17R, 23R, 27R, 31R, 33U, 36R, 40C, 41R, 42C
Echinopora lamellosa (Esper, 1795)	1R, 2R, 10R, 12R, 15R, 22, 23R, 33R, 45R
Echinopora mammiformis (Nemenzo, 1959)	4R, 9U, 16C, 17C, 27R, 40U
Echinopora pacificus Veron, 1990	22R
Family Rhizganiidae	
undescribed species of azooxanthellate coral	10R, 48R
Family Poritidae	
Porites annae Crossland, 1952	6R, 28R, 45C
Porites cylindrica Dana, 1846	3U, 5R, 9U, 12R, 13A, 16C, 17U, 18R, 22C, 23R, 27C, 31R, 36U, 40C, 42U, 45U, 47C
Porites cf. *heronensis* Veron, 1985	42U, 45C
Porites horizontallata Hoffmeister, 1925	9A, 17C, 26U, 35C, 36C, 40A, 41U, 45C, 47A
Porites lichen Dana, 1846	2U, 3, 4R, 20R, 22, 31R, 32R, 33U, 35U, 38R, 39C, 40C
Porites lutea Milne Edwards & Haime, 1851, sensu Fenner, 2005	11R, 44R
Porites monticulosa Dana, 1846	36C, 40, 41R
Porites rus (Forskål, 1775)	6U, 9A, 12R, 13U, 17U, 19R, 22R, 27C, 35R, 36R, 41R, 42U, 47U
Porites vaughani Crossland, 1952	4, 22R, 26R, 27R, 31R, 32R, 39R, 41R, 45U
Porites cf. *evermanni* Vaughan, 1907, sensu Veron, 2000	5R, 9R, 11R, 22U, 23R, 34R
Goniopora columna Dana, 1846	16, 28R, 43R
Goniopora eclipsensis Veron & Pichon, 1982	5 .
Goniopora fruiticosa Saville-Kent, 1893	5U, 8R, 45R, 47R
Goniopora stutchburyi Wells, 1955	???
Goniopora sp.	37U, 38R
Goniopora tenuidens (Quelch, 1886)	11R
Alveopora catalai Wells, 1968	17 .
Alveopora fenestrata (Lamarck, 1816)	4 .
Alveopora minuta Veron, 2000	18 .
Alveopora spongiosa Dana, 1846	47 .

	Sites Present
Subclass Octocorallia, Order Alcyonacea	
Tubipora musica Linneaus, 1758	20, 26R, 38R
Heliopora coerulea (Pallas, 1776)	19R
Class Hydrozoa, Family Milleporidae	
Stylaster sp. 1 orange or pink	10U, 26, 27R, 29R, 32U
Distichopora violacea (Pallas, 1766)	20R, 25U, 27R, 28R, 31R, 32R, 39R, 43R
Millepora dichotoma Forskål, 1775	3U, 5R, 7D, 9A, 11R, 16U, 17U, 18R, 27C, 33R, 40R, 47R
Millepora exaesa Forskål, 1775	2U, 8C, 9U, 11R, 12R, 13R, 15R, 16R, 17U, 20U, 22R, 25C, 26U, 29C, 31R, 32R, 33R, 34R, 37R, 41R, 43R
Millepora intricata Milne-Edwards & Haime, 1857	9A, 13A, 15A, 16U, 20U, 33C, 40R, 41R, 42R, 44U, 45R
Millepora platyphylla Hemprich & Ehrenberg, 1834	3R, 7A, 8U, 9U, 11U, 18R, 20R, 27R, 28R, 29R, 34R, 38R, 40R, 42R, 45R, 47R