

Organism	Taxa 1	Scientific name	Author Date	Common name	Kāohikaipu Kāpapa
Algae	CHLOROPHYTA	<i>Codium arabicum</i>	Kutzing		x
		<i>Codium edule</i>	Silva		x
		<i>Dictyosphaeria cavernosa</i>	(Forsskål) Borgesen		x
		<i>Halimeda copiosa</i>	Goreau & Graham		x
		<i>Halimeda discoidea</i>	Decaisne		x
		<i>Neomeris vanbosseae</i>	Howe		x x
		<i>Phyllocladon anastomosans</i>	(Harvey) Kraft & Wynne		x
	CYANOBACTERIA	<i>Blennothrix cf. lyngbyacea</i>	(Kutzing) Anagnostidis & Komarek		x
		<i>Hormothamnion enteromorphioides</i>	Grunow ex Bornet & Flahault		x
		<i>Lynbya cf. majuscula</i>	(Dillwyn) Harvey		x
		<i>Phormidium laysanense</i>	Lemmermann		x
		<i>Schizothrix calcicola</i>	Kutzing Ex Gomont		x
		<i>Schizothrix sp.</i>			x
		<i>Spirocoleus sp.</i>			x
	PHAEOPHYTA	<i>Dictyota bartayresiana</i>	Lamouroux		x
		<i>Dictyota friabilis</i>	Setchell		x
		<i>Lobophora variegata</i>	Wormersley ex Oliviera		x
		<i>Padina boryana</i>	Thivy		x
		<i>Styopodium flabelliforme</i>	Weber-van Bosse		x
		<i>Turbinaria ornata</i>	(Turner) J. Agardh		x
	RHODOPHYTA	<i>Acanthophora pacifica</i>	(Setchell) Kraft		x x
		<i>Actinotrichia fragilis</i>	(Forsskål) Borgesen		x
		<i>Amansia glomerata</i>	C. Agardh		x x
		<i>Asparagopsis taxiformis</i>	(Delile) Trevisan		x x
		<i>Ceramium dumosertum</i>	Norris & Abbott		x
		<i>Ceramium flaccidum</i>	(Kutzing) Ardissonne		x
		<i>Ceramium? Polysiphonia?</i>			x
		<i>Chondrophycus parvipapillatus</i>	(Tseng) Garbary & Harper		x
		<i>Crouania minutissima</i>	Yamada		x
		<i>Dotyella sp.</i>			x
		<i>Galaxaura obtusata</i>	(Ellis & Solander) Lamouroux		x
		<i>Galaxaura rugosa</i>	Ellis & Solander		x
		<i>Gelidium sp.</i>			x
		<i>Gibsmithia hawaiiensis</i>	Doty		x
		<i>Griffithsia heteromorpha</i>	(Kutzing)		x
		<i>Haloplegma duperreyi</i>	Montagne		x
		<i>Halymenia stipitata</i>	Abbott		x
		<i>Herposiphonia secunda</i>	(C. Agardh) Ambronn		x
		<i>Herposiphonia sp.</i>			x
		<i>Hypnea spinella</i>	(C. Agardh) Kutz		x
		<i>Hypoglossum sp.</i>			x
		<i>Jania sp.</i>			x x
		<i>Laurencia sp.</i>			x x
		<i>Liagora sp.</i>			x
		<i>Martensia fragilis</i>	Harvey		x
		<i>Neosiphonia sphaerocarpa</i>	(Borgesen) Kim & Lee		x
		<i>Peleophycus multiprocarpum</i>	Abbott		x
		<i>Polysiphonia flaccidissima</i>	Hollenberg		x
		<i>Polysiphonia sp.</i>			x
		<i>Portieria hornemannii</i>	(Lyngb.) P.C.Silva		x
	<i>Tolypocladia glomerulata</i>	(C. Agardh) F. Schmitz		x x	
Algae Total				18	40

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Invertebrate	ALCYONACEA	<i>Sinularia</i> sp.		Leather Coral	x	
	AMPHIPODA	<i>Unid. Caprellidae</i>			x	
	ANTHOZOA	<i>Anthelia edmondsoni</i>	(Verrill, 1928)	Blue Octocoral	x	
		<i>Fungia scutaria</i>	Lamarck, 1801	Mushroom Coral	x	
		<i>Leptastrea transversa</i>	Klunzinger, 1879	Transverse Coral	x	
		<i>Leptoseris incrustans</i>	(Quelch, 1886)	Swelling Coral	x	
		<i>Leptoseris tubulifera</i>	Vaughan, 1907	Tube Coral	x	
		<i>Montipora capitata</i>	(Dana, 1846)	Rice Coral	x x	
		<i>Montipora flabellata</i>	Studer, 1902	Blue Rice Coral	x x	
		<i>Montipora patula</i>	Verrill, 1864	Sandpaper Rice Coral	x x	
		<i>Palythoa caesia</i>	Dana, 1848	Blue-Gray Zoanthid	x	
		<i>Palythoa ceasia</i>	Dana, 1848	Blue-Gray Zoanthid	x	
		<i>Pavona duerdeni</i>	Vaughan, 1907	Duerden's Coral	x x	
		<i>Pavona varians</i>	Verrill, 1864	Corrugated Coral	x x	
		<i>Pocillopora eydouxi</i>	Milne Edwards & Haime , 1860	Antler Coral	x	
		<i>Pocillopora meandrina</i>	Dana, 1846	Cauliflower Coral	x x	
		<i>Porites compressa</i>	Dana, 1846	Finger Coral	x	
		<i>Porites evermanni</i>	Vaughan, 1907	Mound Coral	x	
		<i>Porites lobata</i>	Dana, 1846	Lobe Coral	x x	
		<i>Psammocora stellata</i>	Verrill, 1864	Stellar Coral	x	
		<i>Sarcothelia edmondsoni</i>	(Verrill, 1928)	Blue Octocoral	x	
		<i>Sinularia densa</i>	Whitelegge, 1897	Dense Leather Coral	x	
		<i>Tubastraea coccinea</i>	Lesson, 1829	Orange Cup Coral	x	
		<i>Zoanthus</i> sp.			x	
		<i>Zoanthus</i> sp. B		Pink Zoanthus	x	
		ASCIDACEA	<i>Didemnum</i> sp.		White Didemnid	x
			<i>Didemnum</i> sp. 1		Orange Didemnid	x
		ASCIDIACEA	<i>Aplidium crateriferum</i>	(Sluiter, 1909)	Cratered Aplidium	x
	<i>Didemnum</i> sp.			White Didemnid	x	
	BIVALVIA	<i>Pinctada margaritifera</i>	(Linnaeus, 1758)	Black-lipped Pearl Oyster	x	
		<i>Spondylus violacescens</i>	Lamarck, 1819	Cliff Oyster	x	
		<i>Streptopinna saccata</i>	(Linnaeus, 1758)	Baggy Pen Shell	x	
	CEPHALOPODA	<i>Octopus cyanea</i>	Gray, 1849	Day Octopus	x x	
	DECAPODA	<i>Alpheus brevipes</i>	Stimpson, 1860	Snapping Shrimp	x	
		<i>Calcinus elegans</i>	Milne Edwards, 1836	Hawaiian Elegant Hermit Crab	x	
		<i>Calcinus guamensis</i>	Wooster, 1982	Guam Hermit Crab	x	
		<i>Calcinus haigae</i>	Wooster, 1982	Haig's hermit Crab	x	
		<i>Chlorodiella laevisissima</i>	(Dana, 1852)		x	
		<i>Chlorodiella nigra</i>	(Forskal, 1775)		x	
		<i>Dynomene hispida</i>	Guerin-Meneville, 1832		x	
		<i>Liocarpilodes integerrimus</i>	Dana, 1852		x	
		<i>Percnon abbreviatum</i>	(Dana, 1851)		x	
		<i>Perinea tumida</i>	Dana, 1852		x x	
		<i>Pilodius flavus</i>	Rathbun, 1893	Xanthid Crab	x	
		<i>Platypodia semigranosa</i>	(Heller, 1861)		x	
		<i>Saron neglectus?</i>	de Man, 1902	Eyespot Shrimp	x	
		<i>Stenopus hispidus</i>	(Olivier, 1811)	Banded Coral Shrimp	x	
<i>Trapezia</i> sp.			Coral Guard Crab	x		
Unid. Alpheidae				x		
Unid. Galatheididae				x		
Unid. Paguridae				x		
Unid. Paleomonidae			Commensal Shrimp	x		

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Invertebrate	DECAPODA	Unid. Pilumnidae			x		
		Unid. xanthid				x	
	ECHINOIDEA	<i>Echinometra mathaei</i>	(Blainville, 1825)	Rock-Boring Urchin	x	x	
		<i>Echinostrephus aciculatus</i>	Agassiz, 1863	Needle-Spined Urchin	x	x	
		<i>Echinothrix calamaris</i>	(Pallas, 1774)	Banded Urchin	x	x	
		<i>Echinothrix diadema</i>	(Linnaeus, 1758)	Blue-Black Urchin		x	
		<i>Heterocentrotus mammillatus</i>	(Linnaeus, 1758)	Red Pencil Urchin	x		
		<i>Tripneustes gratilla</i>	(Linnaeus, 1758)	Collector Urchin	x	x	
	ECTOPROCTA	<i>Reteporellina denticulata</i>	(Busk, 1884)	Lace Bryozoan	x		
		<i>Triphyllozon</i> sp.		Chex Bryozoan	x		
	GASTROPODA	<i>Conus abbreviatus</i>	Reeve, 1843	Abbreviated Cone		x	
		<i>Conus miles</i>	Linnaeus, 1758	Soldier Cone	x		
		<i>Conus</i> sp.		Unid Cone Shell	x		
		<i>Cypraea mauritiana</i>	Linnaeus, 1758	Humpback Cowry		x	
		<i>Drupa (Drupa) ricina</i>	(Linnaeus, 1758)	Spotted Drupe		x	
		<i>Drupa rubusidaeus</i>	(Röding, 1798)	Brilliant Drupe	x	x	
		<i>Hipponix australis</i>	(Lamarck, 1819)	Conical Hoof Shell	x		
		<i>Morula uva</i>	(Röding, 1798)	Grape Morula	x		
		<i>Serpulorbis variabilis</i>	Hadfield & Kay, 1972	Variable Worm Snail		x	
		<i>Synaptocochlea concinna</i>	(Gould, 1845)		x		
		<i>Thais armigera</i>	(Link, 1807)	Armored Dye Shell	x		
		<i>Tricolia variabilis</i>	(Pease, 1861)	Variable Pheasant Shell	x		
		Unid. Turbinidae				x	
	HOLOTHUROIDEA	<i>Holothuria (Halodeima) atra</i>	Jaeger, 1833	Black Sea Cucumber	x		
		<i>Holothuria (Microthele) whitmaei</i>	Bell, 1887	Teated Sea Cucumber		x	
	HYDROZOA	<i>Aglaophenia</i> sp.				x	
		<i>Campanularia</i> sp.				x	
		<i>Eudendrium</i> sp.				x	
		<i>Gymnangium hians</i>	(Busk, 1852)	Feather Hydroid	x		
		<i>Lytocarpia niger</i>	(Nutting, 1905)	Black Hydroid	x		
		<i>Macrorhynchia philippina</i>	Kirchenpauer, 1872	Phillipine Hydroid	x		
		<i>Pennaria disticha</i>	(Goldfuss, 1820)	Christmas Tree Hydroid	x		
		<i>Solanderia secunda</i>	Inaba, 1892	Sea Fan Hydroid	x		
		<i>Tridentata humpferi</i>	Broch, 1914		x		
	NUDIBRANCHIA	<i>Caloria indica</i>	(Berg, 1896)			x	
		<i>Pteraeolidia ianthina</i>	(Angas, 1864)	Blue Dragon Nudibranch	x		
		Unid. Phyllidiidae				x	
	OPHIUROIDEA	<i>Ophiocoma erinaceus</i>	Muller & Troschel, 1842	Spiny Brittle Star	x	x	
		<i>Ophiocoma pica</i>	Muller & Troschel, 1842	Pied Brittle Star	x		
	PLATYHELMINTHES	<i>Pseudoceros ferrugineus</i>	Hyman, 1959	Fuchsia Flatworm	x		
	POLYCHAETA	<i>Chaetopterus</i> sp.		Parchment Worm	x		
		<i>Spirobranchus giganteus corniculatus</i>	(Grube, 1862)	Christmas Tree Worm	x	x	
	PORIFERA	<i>Clathria</i> sp.		Vermilion Clathria	x		
		<i>Spongia oceania</i>	de Laubenfels, 1950	Black Reef Sponge	x		
	Invertebrates Total					69	43
	Marine Fish	OSTEICHTHYES	<i>Abudefduf abdominalis</i>	(Quoy & Gaimard, 1824)	Hawaiian Sergeant	x	
			<i>Acanthurus leucopareius</i>	(Jenkins, 1903)	Whitebar Surgeonfish	x	x
<i>Acanthurus nigrofuscus</i>			(Forsskal, 1775)	Lavender Tang	x	x	
<i>Acanthurus nigroris</i>			Valenciennes, 1835	Blue-line Surgeonfish	x		
<i>Acanthurus olivaceus</i>			Forster & Schneider, 1801	Orangeband Surgeonfish	x	x	
<i>Acanthurus triostegus</i>			Streets, 1877	Convict Tang	x		

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Marine Fish	OSTEICHTHYES	<i>Aphareus furca</i>	(Lacepède, 1802)	Smalltooth Jawfish	x
		<i>Apogon</i> sp.	Randall, 1997		x
		<i>Arothron meleagris</i>	(Lacepède, 1798)	Spotted Puffer	x
		<i>Aulostomus chinensis</i>	(Linnaeus, 1766)	Trumpetfish	x
		<i>Bodianus bilunulatus</i>	(Lacepède, 1802)	Hawaiian Hogfish	x x
		<i>Calotomus carolinus</i>	(Valenciennes, 1839)	Stareye Parrotfish	x
		<i>Calotomus zonarchus</i>	(Jenkins, 1903)	Yellowbar Parrotfish	x x
		<i>Cantherhines dumerilii</i>	(Hollard, 1854)	Barred Filefish	x
		<i>Canthigaster amboinensis</i>	(Bleeker, 1865)	Ambon Toby	x
		<i>Canthigaster coronata</i>	(Vaillant & Sauvage, 1875)	Crown Toby	x
		<i>Canthigaster jactator</i>	(Jenkins, 1901)	Whitespotted Toby	x x
		<i>Caranx melampygus</i>	Cuvier, 1833	Bluefin Trevally	x
		<i>Centropyge potteri</i>	Jordan & Metz, 1912	Potter's Angelfish	x
		<i>Cephalopholis argus</i>	Bloch & Schneider, 1801	Peacock Grouper	x x
		<i>Chaetodon auriga</i>	Forsskål, 1775	Threadfin Butterflyfish	x
		<i>Chaetodon ephippium</i>	Cuvier, 1831	Saddleback Butterflyfish	x
		<i>Chaetodon fremblii</i>	Bennett, 1828	Bluestripe Butterflyfish	x
		<i>Chaetodon kleinii</i>	Bloch, 1790	Bluehead Butterflyfish	x
		<i>Chaetodon lineolatus</i>	Cuvier, 1831	Lined Butterflyfish	x
		<i>Chaetodon lunula</i>	(Lacepède, 1803)	Raccoon Butterflyfish	x x
		<i>Chaetodon miliaris</i>	Quoy & Gaimard, 1824	Milletseed Butterflyfish	x
		<i>Chaetodon multicinctus</i>	Garrett, 1863	Pebbled Butterflyfish	x
		<i>Chaetodon ornatissimus</i>	Solander in Cuvier, 1831	Ornate Butterflyfish	x
		<i>Chaetodon quadrimaculatus</i>	Gray, 1831	Fourspot Butterflyfish	x x
		<i>Chaetodon unimaculatus</i>	Bloch, 1788	Teardrop Butterflyfish	x
		<i>Cheilio inermis</i>	(Forsskål, 1775)	Cigar Wrasse	x
		<i>Chlorurus sordidus</i>	(Forsskål, 1775)	Bullethead Parrotfish	x
		<i>Chromis agilis</i>	Smith, 1960	Agile Chromis	x
		<i>Chromis hanui</i>	Randall & Swerdloff, 1973	Chocolate Dip Chromis	x
		<i>Chromis ovalis</i>	Steindacher, 1900	Oval Chromis	x x
		<i>Chromis vanderbilti</i>	(Fowler, 1941)	Blackfin Chromis	x x
		<i>Chromis verater</i>	Jordan & Metz, 1912	Threespot Chromis	x
		<i>Cirrhitoys fasciatus</i>	(Bennett, 1828)	Redbarred Hawkfish	x
		<i>Coris flavovittata</i>	(Bennett, 1829)	Yellowstripe Coris	x
		<i>Coris gaimard</i>	(Quoy & Gaimard, 1824)	Yellowtail Coris	x x
		<i>Coris venusta</i>	Vaillant & Sauvage, 1875	Elegant Coris	x
		<i>Ctenochaetus strigosus</i>	(Bennett, 1828)	Goldring surgeonfish	x x
		<i>Decapterus macarellus</i>	(Cuvier, 1833)	Mackerel Scad	x
		<i>Diodon hystrix</i>	Linnaeus, 1758	Porcupinefish	x
		<i>Forcipiger flavissimus</i>	Jordan & McGregor, 1898	Forcepsfish	x
		<i>Gomphosus varius</i>	Lacepède, 1801	Bird Wrasse	x x
		<i>Gymnothorax undulatus</i>	(Lacepède, 1803)		x
		<i>Halichoeres ornatissimus</i>	(Garrett, 1863)	Ornate Wrasse	x x
		<i>Kyphosus</i> sp.		Chub	x x
		<i>Labroides phthirophagus</i>	Randall, 1958	Cleaner Wrasse	x x
		<i>Lutjanus fulvus</i>	(Forster in Bloch & Schneider, 1801)	Blacktail Snapper	x
		<i>Macropharyngodon geoffroyi</i>	(Quoy & Gaimard, 1824)	Shortnose Wrasse	x
		<i>Melichthys niger</i>	(Bloch, 1786)	Black Triggerfish	x
		<i>Melichthys vidua</i>	(Solander, 1844)	Pinktail Triggerfish	x
		<i>Monotaxis grandoculis</i>	(Forsskål, 1775)	Bigeye Emperor	x
		<i>Naso hexacanthus</i>	(Bleeker, 1855)	Sleek Unicornfish	x

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Marine Fish	OSTEICHTHYES	<i>Naso lituratus</i>	(Forster & Schneider, 1801)	Orangespine Unicornfish	x	
		<i>Novaculichthys taeniourus</i>	(Lacepède, 1801)	Rockmover	x	x
		<i>Ostracion meleagris</i>	(Shaw & Nodder, 1796)	Spotted Boxfish	x	
		<i>Paracirrhites arcatus</i>	(Cuvier, 1829)	Arc-eyed Hawkfish	x	x
		<i>Parupeneus bifasciatus</i>	(Lacepède, 1802)	Doublebar Goatfish	x	
		<i>Parupeneus cyclostomus</i>	(Lacepède, 1801)	Blue Goatfish	x	
		<i>Parupeneus multifasciatus</i>	(Quoy & Gaimard, 1825)	Manybar Goatfish	x	x
		<i>Plagiotremus goslinei</i>	(Strasburg, 1956)	Gosline's Fangblenny		x
		<i>Plectroglyphidodon imparipennis</i>	(Vaillant & Sauvage, 1875)	Bright-eye Damselfish	x	x
		<i>Plectroglyphidodon johnstonianus</i>	Fowler & Ball, 1924	Blue-eye Damselfish	x	x
		<i>Pseudocheilinus octotaenia</i>	Jenkins, 1901	Eightstripe Wrasse		x
		<i>Scarus dubius</i>	Bennett, 1828	Regal Parrotfish	x	
		<i>Stegastes fasciolatus</i>	(Ogilby, 1889)	Pacific Gregory	x	x
		<i>Stethojulis balteata</i>	(Quoy & Gaimard, 1824)	Belted Wrasse	x	x
		<i>Sufflamen bursa</i>	(Bloch & Schneider, 1801)	Lei triggerfish	x	x
		<i>Sufflamen fraenatus</i>	(Latrielle, 1804)	Bridled Triggerfish	x	
		<i>Thalassoma ballieui</i>	(Vaillant & Sauvage, 1875)	Old Woman Wrasse		x
		<i>Thalassoma duperrey</i>	(Quoy & Gaimard, 1824)	Saddle Wrasse	x	x
		<i>Thalassoma purpureum</i>	(Forsskål, 1775)			x
				Unid. Blenniidae		
		<i>Zanclus cornutus</i>	(Linnaeus, 1758)	Moorish Idol	x	x
		<i>Zebrasoma flavescens</i>	(Bennett, 1828)	Yellow Tang	x	
Marine Fish Total					64	42
Grand Total					151	125