

Ecography

**ECOG-04722**

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**Supplementary material**

Appendix 1

Table A1. Invertebrate taxa identified from reef matrix core subfossils. Fish teeth identified to functional groups based on diet.

Reef component	Taxonomic level	Functional group	Taxon
Benthic foraminifera	Family	Symbiont-bearing	Alveolinidae
			Amphisteginidae
			Nummulitidae
			Peneroplidae
			Soritidae
Bivalves	Genus or family	Epifaunal suspension feeder	<i>Acar</i>
			<i>Amusium</i>
			<i>Anomia</i>
			<i>Arca</i>
			<i>Arcopsis</i>
			<i>Barbatia</i>
			<i>Bractechlamys</i>
			<i>Caribachlamys</i>
			<i>Chama</i>
			<i>Ctenoides</i>
			<i>Dendostrea</i>
			<i>Fugleria</i>
			<i>Hytissa</i>
			<i>Isognomon</i>
			<i>Lima</i>
			<i>Limaria</i>
			Limidae
			<i>Lindapecten</i>
			<i>Malleus</i>
			<i>Ostrea</i>
			Ostreidae
			Pectinidae
			<i>Pinctada</i>
			<i>Planktomya</i>
			<i>Plicatula</i>
			<i>Spathochlamys</i>
			<i>Spondylus</i>
		Infaunal deposit or suspension feeder	<i>Angulus</i>
			<i>Caryocorbula</i>
			<i>Chione</i>
			<i>Crassinella</i>
			<i>Ctenocardia</i>
			<i>Cumingia</i>
			<i>Cymatoica</i>
			<i>Diplodonta</i>
			<i>Gouldia</i>

Reef component	Taxonomic level	Functional group	Taxon
			<i>Laevicardium</i>
			<i>Papyridea</i>
			<i>Pitar</i>
			<i>Semele</i>
			Tellinidae
			Thraciidae
			Veneridae
		Chemosymbiotic deposit feeder	<i>Anodontia</i>
			<i>Codakia</i>
			<i>Lucina</i>
			Lucinidae
			<i>Parvilucina</i>
Corals	Genus or species		<i>Acropora cervicornis</i>
			<i>Agaricia</i> spp.
			Branching <i>Porites</i> spp.
			<i>Madracis mirabilis</i>
Urchins	Genus or species		<i>Echinometra</i> spp.
			<i>Diadema antillarum</i>
			<i>Lytechinus variegatus</i> / <i>Tripneustes ventricosus</i>