

Changes in the biological traits and taxonomic composition of coralline turf-associated invertebrate assemblages along an environmental gradient

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Table S1. List of all taxa found in subtidal coralline turf from shallow rocky reefs in northeastern New Zealand. See Gordon 2009, 2010 for taxonomic authorities.

Phylum/Class	Taxa	Phylum/Class	Taxa	Phylum/Class	Taxa
Arachnida	Arachnida	Gastropoda	<i>Zaclys</i> sp.	Malacostraca	Paranthuridae
Bivalvia	<i>Neolepton antipodum</i>	Gastropoda	<i>Zemitrella</i> spp.	Malacostraca	<i>Paraperusa crassipes</i>
Bivalvia	Nuculidae	Malacostraca	<i>Alpheus</i> sp.	Malacostraca	<i>Petrolisthes novaezelandiae</i>
Insecta	<i>Philanisus plebeius</i>	Malacostraca	Amphipoda	Malacostraca	Phoxocephalidae
Gastropoda	<i>Astraea heliotropium</i>	Malacostraca	<i>Amphoroidea media</i>	Malacostraca	<i>Pilumnus lumpinus</i>
Gastropoda	<i>Austromitra</i> sp.	Malacostraca	<i>Aora</i> sp.	Malacostraca	<i>Podocerus karu</i>
Gastropoda	<i>Bouchettriphora</i> sp.	Malacostraca	Apseudidae	Malacostraca	<i>Protohyale</i> sp.
Gastropoda	<i>Bulla quoyii</i>	Malacostraca	<i>Caprellina longicollis</i>	Malacostraca	<i>Raukumara rongo</i>
Gastropoda	<i>Cantharidus</i> sp.	Malacostraca	<i>Cassinopsis admirabilis</i>	Malacostraca	<i>Scutuloidea</i> sp.
Gastropoda	<i>Chemnitzia</i> sp.	Malacostraca	<i>Ceina egregia</i>	Malacostraca	<i>Seba typica</i>
Gastropoda	<i>Dentimargo cairoma</i>	Malacostraca	<i>Cilicæa dolorosa</i>	Malacostraca	<i>Taihape karori</i>
Gastropoda	<i>Eatoniella albocolumella</i>	Malacostraca	Corophiidae	Malacostraca	<i>Tanaopsis</i> sp.
Gastropoda	<i>Eatoniella globosa</i>	Malacostraca	<i>Cyclaspis</i> sp.	Malacostraca	<i>Tetradeion crassum</i>
Gastropoda	<i>Eatoniella limbata</i>	Malacostraca	<i>Cymodocella capra</i>	Maxillopoda	Harpacticoida
Gastropoda	<i>Eatoniella olivacea</i>	Malacostraca	Cyproideidae	Nematoda	Nematoda
Gastropoda	<i>Eatonina subflavescens</i>	Malacostraca	Dexaminidae	Ophiuroidea	<i>Amphipholis squamata</i>
Gastropoda	<i>Epitonium jukesianum</i>	Malacostraca	Diastylidae	Ophiuroidea	<i>Amphiura</i> sp.
Gastropoda	<i>Fictonoba carnosus carnosus</i>	Malacostraca	<i>Dynamenopsis varicolor</i>	Ophiuroidea	<i>Ophiactis resiliens</i>
Gastropoda	<i>Fictonoba rufolactea</i>	Malacostraca	<i>Elasmopus</i> spp.	Ophiuroidea	Ophiuroidea
Gastropoda	<i>Herpetopoma</i> sp.	Malacostraca	<i>Erichonius pugnax</i>	Ostracoda	Ostracoda
Gastropoda	<i>Maoricolpus roseus</i>	Malacostraca	Eusiridae	Polychaeta	Dorvilleidae
Gastropoda	<i>Merelina lacunosa</i>	Malacostraca	<i>Gammaropsis</i> sp.	Polychaeta	<i>Eunice</i> spp.
Gastropoda	<i>Merelina</i> sp.	Malacostraca	<i>Gitanopsis</i> sp.	Polychaeta	<i>Lepidonotus polychromus</i>
Gastropoda	<i>Merelina taupoensis</i>	Malacostraca	<i>Halicarcinus cookii</i>	Polychaeta	<i>Nereis falcaria</i>
Gastropoda	<i>Mesoginella koma</i>	Malacostraca	<i>Hippolyte</i> sp.	Polychaeta	<i>Nothria</i> sp.
Gastropoda	<i>Neoguraleus sinclairi</i>	Malacostraca	Holognathidae	Polychaeta	Onuphidae
Gastropoda	<i>Onoba candidissima</i>	Malacostraca	<i>Horniella whakatane</i>	Polychaeta	<i>Ophiodromus</i> sp.
Gastropoda	<i>Onoba fumata</i>	Malacostraca	Ischyroceridae	Polychaeta	<i>Perinereis</i> sp.
Gastropoda	<i>Pisinna olivacea impressa</i>	Malacostraca	<i>Joeropsis</i> sp.	Polychaeta	Phyllodocidae
Gastropoda	<i>Pisinna simplicata</i>	Malacostraca	<i>Liocarcinus corrugatus</i>	Polychaeta	<i>Platynereis</i> sp.
Gastropoda	<i>Pisinna zosterophila</i>	Malacostraca	Lysianassidae	Polychaeta	Syllidae
Gastropoda	<i>Pusillina semireticulata</i>	Malacostraca	<i>Maera</i> sp.	Polyplacophora	Acanthochitonidae
Gastropoda	<i>Rissoina ficator</i>	Malacostraca	Munnidae	Polyplacophora	<i>Leptochiton inquinatus</i>
Gastropoda	<i>Rissoina fucosa</i>	Malacostraca	Mysidae	Polyplacophora	<i>Notoplax violacea</i>
Gastropoda	<i>Rissoina</i> sp.	Malacostraca	<i>Neastacilla</i> sp.	Polyplacophora	<i>Onithochiton</i> sp.
Gastropoda	<i>Runcina katipoides</i>	Malacostraca	<i>Notomithrax minor</i>	Polyplacophora	Polyplacophora
Gastropoda	<i>Sigapatella</i> spp.	Malacostraca	<i>Pagurapseudes</i> sp.	Polyplacophora	<i>Sypharochiton pelliserpentis</i>
Gastropoda	<i>Taron</i> sp.	Malacostraca	Paguridae	Pycnogonida	Pycnogonida
Gastropoda	<i>Trochus viridis</i>	Malacostraca	<i>Paradexamine houtete</i>		
Gastropoda	<i>Xymene traversi</i>	Malacostraca	<i>Parakonarus kopure</i>		

Figure S1. Proportions of biological trait frequencies of small mobile invertebrate assemblages in *Corallina officinalis* turf along a gradient of wave exposure and other variables in northeastern New Zealand.

