The following supplements accompany the article

Patterns and trends in marine population connectivity research

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Marine Ecology Progress Series 585: 243–256 (2017)

Supplement 1. Detailed paper processing methodology. Paper processing was broken down into several steps.

1) All papers yielded from the search were downloaded and imported into EndNote.
2) Duplicates were deleted.
3) Papers that were obviously irrelevant to the study (e.g. papers published in the Journal of Petrology) were deleted (after ensuring irrelevance by assessing Title and, if needed, Abstract).
4) PDF's were downloaded using EndNote's "Find Full Text" feature with Griffith University staff access.
5) Only papers that had a PDF file were considered during the manual checking stage. Manual checking ensured that all papers in the database met the definition of MPC as outlined in the paper.

Supplement 2. All research papers included in database, articles in **bold** are highly cited (>10 citations per year)

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Supplement 3. Full list of all taxa (Phyla, Class and Family) in dataset

Each row is the count of how many studies included an organism at the given taxonomic level

Taxa denoted with * are not taxonomically ranked at the given level, but the ranking was helpful in identifying taxonomic trends.

e.g. The Order *Testudines* was used as a Class as it was more informative than Reptilia (which would include marine Squamates and Crocodilians)

Phyla	Class	Family	Count
Annelida			28
Annelida	Hirudinea		1
Annelida	Hirudinea	Piscicolidae	1
Annelida	Oligochaeta		3
Annelida	Polychaeta		28
Annelida	Polychaeta	Arenicolidae	1
Annelida	Polychaeta	Chaetopteridae	1
Annelida	Polychaeta	Nephtyidae	1
Annelida	Polychaeta	Nereidae	3
Annelida	Polychaeta	Onuphidae	1
Annelida	Polychaeta	Oweniidae	3
Annelida	Polychaeta	Pectinariidae	4
Annelida	Polychaeta	Sabellariidae	2
Annelida	Polychaeta	Sabellidae	1
Annelida	Polychaeta	Siboglinidae	2
Annelida	Polychaeta	Spionidae	2
Arthropoda			152
Arthropoda	Arachnida		1
Arthropoda	Branchiopoda		1
Arthropoda	Branchiopoda	*Cladocera*	1
Arthropoda	Branchiopoda	Cercopagidae	1
Arthropoda	Entognatha		1
Arthropoda	Entognatha	Poduridae	1
Arthropoda	Insecta		1
Arthropoda	Insecta	Chironomidae	1
Arthropoda	Malacostraca		114
Arthropoda	Malacostraca	Acanthephyridae	1
Arthropoda	Malacostraca	Alvinocarididae	2
Arthropoda	Malacostraca	Aoridae	1
Arthropoda	Malacostraca	Aristeidae	2
Arthropoda	Malacostraca	Atyidae	3
Arthropoda	Malacostraca	Bodotriidae	1
Arthropoda	Malacostraca	Brachyura	
Arthropoda	Malacostraca	Bythograeidae	1
Arthropoda	Malacostraca	Callianassidae	1
Arthropoda	Malacostraca	Cancridae	2
Arthropoda	Malacostraca	Caprellidae	1

Arthropoda	Malacostraca	Corophiidae	2
Arthropoda	Malacostraca	Decapoda	
Arthropoda	Malacostraca	Diogenidae	1
Arthropoda	Malacostraca	Epialtidae	2
Arthropoda	Malacostraca	Euphasiidae	3
Arthropoda	Malacostraca	Gammaridae	2
Arthropoda	Malacostraca	Geryonidae	1
Arthropoda	Malacostraca	Grapsidae	3
Arthropoda	Malacostraca	Hippidae	1
Arthropoda	Malacostraca	Hippolytidae	1
Arthropoda	Malacostraca	Homolidae	1
Arthropoda	Malacostraca	Hyalidae	1
Arthropoda	Malacostraca	Hymenosomatidae	1
Arthropoda	Malacostraca	Idoteidae	3
Arthropoda	Malacostraca	Ischyroceridae	1
Arthropoda	Malacostraca	Isopoda	1
Arthropoda	Malacostraca	Janiridae	1
Arthropoda	Malacostraca	Leucothoidae	1
Arthropoda	Malacostraca	Lithodidae	2
Arthropoda	Malacostraca	Lysianassidae	1
Arthropoda	Malacostraca	Majidae	1
Arthropoda	Malacostraca	Melitidae	1
Arthropoda	Malacostraca	Munididae	2
Arthropoda	Malacostraca	Neomegamphopidae	1
Arthropoda	Malacostraca	Nephropidae	4
Arthropoda	Malacostraca	Ocypodidae	3
Arthropoda	Malacostraca	Paguridae	2
Arthropoda	Malacostraca	Palaemonidae	5
Arthropoda	Malacostraca	Palinuridae	19
Arthropoda	Malacostraca	Pandalidae	1
Arthropoda	Malacostraca	Panopeidae	1
Arthropoda	Malacostraca	Penaeidae	6
Arthropoda	Malacostraca	Pilumnoididae	1
Arthropoda	Malacostraca	Pleustidae	1
Arthropoda	Malacostraca	Pontoporeiidae	1
Arthropoda	Malacostraca	Porcellanidae	1
Arthropoda	Malacostraca	Portunidae	26
Arthropoda	Malacostraca	Protosquillidae	2
Arthropoda	Malacostraca	Scyllaridae	
Arthropoda	Malacostraca	Sesarmidae	3
Arthropoda	Malacostraca	Sphaeromatidae	1
Arthropoda	Malacostraca	Upogebiidae	3
Arthropoda	Malacostraca	Varunidae	4
Arthropoda	Malacostraca	Xanthidae	2
Arthropoda	Malacostraca	Xiphocarididae	2
Arthropoda	Maxillopoda		45

Arthropoda	Maxillopoda	*Cirripedia*	
Arthropoda	Maxillopoda	*Copepoda*	3
Arthropoda	Maxillopoda	Archaeobalanidae	6
Arthropoda	Maxillopoda	Augaptilidae	2
Arthropoda	Maxillopoda	Balanidae	10
Arthropoda	Maxillopoda	Calanidae	4
Arthropoda	Maxillopoda	Caligidae	3
Arthropoda	Maxillopoda	Catophragmidae	2
Arthropoda	Maxillopoda	Chthamalidae	6
Arthropoda	Maxillopoda	Clausocalanidae	1
Arthropoda	Maxillopoda	Eucalanidae	3
Arthropoda	Maxillopoda	Harpacticidae	1
Arthropoda	Maxillopoda	Metridinidae	5
Arthropoda	Maxillopoda	Oncaeidae	1
Arthropoda	Maxillopoda	Pollicipedidae	3
Arthropoda	Maxillopoda	Tetraclitidae	3
Arthropoda	Merostomata		1
Arthropoda	Ostracoda		3
Bacteria			1
Bryozoa			3
Bryozoa	Gymnolaemata		1
Bryozoa	Gymnolaemata	Electridae	1
Chaetognatha			1
Chaetognatha	Sagittoidea		1
Chordata			526
Chordata	*Testudines*		36
Chordata	*Testudines*	Cheloniidae	34
Chordata	*Testudines*	Dermochelyidae	3
Chordata	Actinopterygii		433
Chordata	Actinopterygii	Acanthuridae	15
Chordata	Actinopterygii	Achiridae	1
Chordata	Actinopterygii	Acipenseridae	2
Chordata	Actinopterygii	Alepocephalidae	1
Chordata	Actinopterygii	Ambassidae	1
Chordata	Actinopterygii	Ammodytidae	1
Chordata	Actinopterygii	Anablepidae	
Chordata	Actinopterygii	Anarhichadidae	1
Chordata	Actinopterygii	Anguillidae	30
Chordata	Actinopterygii	Anoplopomatidae	1
Chordata	Actinopterygii	Apogonidae	4
Chordata	Actinopterygii	Ariidae	
Chordata	Actinopterygii	Atherinidae	1
Chordata	Actinopterygii	Atherinopsidae	2
Chordata	Actinopterygii	Auchenipteridae	
Chordata	Actinopterygii	Balistidae	2
Chordata	Actinopterygii	Batrachoididae	

Chordata	Actinopterygii	Belonidae	
Chordata	Actinopterygii	Blenniidae	
Chordata	Actinopterygii	Caesionidae	1
Chordata	Actinopterygii	Carangidae	4
Chordata	Actinopterygii	Centracanthidae	
Chordata	Actinopterygii	Centropomidae	2
Chordata	Actinopterygii	Chaetodontidae	17
Chordata	Actinopterygii	Chanidae	2
Chordata	Actinopterygii	Channichthyidae	6
Chordata	Actinopterygii	Characidae	
Chordata	Actinopterygii	Cheilodactylidae	1
Chordata	Actinopterygii	Cichlidae	1
Chordata	Actinopterygii	Cirrhitidae	1
Chordata	Actinopterygii	Clupeidae	20
Chordata	Actinopterygii	Congridae	1
Chordata	Actinopterygii	Coryphaenidae	1
Chordata	Actinopterygii	Cottidae	1
Chordata	Actinopterygii	Cynoglossidae	1
Chordata	Actinopterygii	Eleotridae	2
Chordata	Actinopterygii	Elopidae	1
Chordata	Actinopterygii	Engraulidae	10
Chordata	Actinopterygii	Ephippidae	
Chordata	Actinopterygii	Esocidae	2
Chordata	Actinopterygii	Gadidae	19
Chordata	Actinopterygii	Gerreidae	6
Chordata	Actinopterygii	Ginglymostomatidae	1
Chordata	Actinopterygii	Glaucosomatidae	1
Chordata	Actinopterygii	Gobiidae	14
Chordata	Actinopterygii	Haemulidae	16
Chordata	Actinopterygii	Hemiramphidae	
Chordata	Actinopterygii	Hexagrammidae	3
Chordata	Actinopterygii	Holocentridae	5
Chordata	Actinopterygii	Ipnopidae	1
Chordata	Actinopterygii	Istiophoridae	2
Chordata	Actinopterygii	Kuhliidae	1
Chordata	Actinopterygii	Kyphosidae	1
Chordata	Actinopterygii	Labridae	20
Chordata	Actinopterygii	Lateolabracidae	1
Chordata	Actinopterygii	Latidae	2
Chordata	Actinopterygii	Leiognathidae	2
Chordata	Actinopterygii	Lethrinidae	8
Chordata	Actinopterygii	Lophiidae	
Chordata	Actinopterygii	Lotidae	1
Chordata	Actinopterygii	Lutjanidae	32
Chordata	Actinopterygii	Macrouridae	3
Chordata	Actinopterygii	Malacanthidae	1

Chordata	Actinopterygii	Megalopidae	2
Chordata	Actinopterygii	Merlucciidae	10
Chordata	Actinopterygii	Monodactylidae	2
Chordata	Actinopterygii	Moridae	1
Chordata	Actinopterygii	Moronidae	5
Chordata	Actinopterygii	Mugilidae	6
Chordata	Actinopterygii	Mullidae	7
Chordata	Actinopterygii	Muraenidae	1
Chordata	Actinopterygii	Myctophidae	2
Chordata	Actinopterygii	Nemipteridae	3
Chordata	Actinopterygii	Nototheniidae	5
Chordata	Actinopterygii	Ophichthidae	1
Chordata	Actinopterygii	Ophidiidae	
Chordata	Actinopterygii	Osmeridae	4
Chordata	Actinopterygii	Ostraciidae	1
Chordata	Actinopterygii	Paralichthyidae	9
Chordata	Actinopterygii	Pentacerotidae	1
Chordata	Actinopterygii	Percophidae	1
Chordata	Actinopterygii	Phycidae	3
Chordata	Actinopterygii	Pinguipedidae	1
Chordata	Actinopterygii	Plecoglossidae	1
Chordata	Actinopterygii	Pleuronectidae	6
Chordata	Actinopterygii	Plotosidae	1
Chordata	Actinopterygii	Poeciliidae	
Chordata	Actinopterygii	Polynemidae	2
Chordata	Actinopterygii	Pomacanthidae	3
Chordata	Actinopterygii	Pomacentridae	57
Chordata	Actinopterygii	Pomatomidae	4
Chordata	Actinopterygii	Pristigasteridae	
Chordata	Actinopterygii	Pseudomugilidae	1
Chordata	Actinopterygii	Retropinnidae	3
Chordata	Actinopterygii	Salmonidae	12
Chordata	Actinopterygii	Scaridae	11
Chordata	Actinopterygii	Scatophagidae	1
Chordata	Actinopterygii	Sciaenidae	6
Chordata	Actinopterygii	Scombridae	17
Chordata	Actinopterygii	Scopthalmidae	1
Chordata	Actinopterygii	Scorpaenidae	4
Chordata	Actinopterygii	Sebastidae	18
Chordata	Actinopterygii	Serranidae	32
Chordata	Actinopterygii	Siganidae	9
Chordata	Actinopterygii	Sillaginidae	3
Chordata	Actinopterygii	Soleidae	6
Chordata	Actinopterygii	Sparidae	23
Chordata	Actinopterygii	Sphyraenidae	3
Chordata	Actinopterygii	Syngnathidae	2

Chordata	Actinopterygii	Synodontidae	
Chordata	Actinopterygii	Terapontidae	1
Chordata	Actinopterygii	Tetraodontidae	1
Chordata	Actinopterygii	Trachichthyidae	2
Chordata	Actinopterygii	Trachinidae	
Chordata	Actinopterygii	Trichiuridae	
Chordata	Actinopterygii	Triglidae	
Chordata	Actinopterygii	Tripterygiidae	4
Chordata	Actinopterygii	Uranoscopidae	
Chordata	Actinopterygii	Zanclidae	3
Chordata	Actinopterygii	Zeidae	
Chordata	Ascidiacae		12
Chordata	Ascidiacae	Botryllidae	4
Chordata	Ascidiacae	Cionidae	1
Chordata	Ascidiacae	Didemnidae	1
Chordata	Ascidiacae	Pyuridae	3
Chordata	Ascidiacae	Styelidae	5
Chordata	Aves		2
Chordata	Aves	Spheniscidae	2
Chordata	Chondrichthyes		32
Chordata	Chondrichthyes	Carcharhinidae	8
Chordata	Chondrichthyes	Centrophoridae	2
Chordata	Chondrichthyes	Cetorhinidae	1
Chordata	Chondrichthyes	Lamnidae	6
Chordata	Chondrichthyes	Myliobatidae	1
Chordata	Chondrichthyes	Rajidae	2
Chordata	Chondrichthyes	Rhincodontidae	2
Chordata	Chondrichthyes	Rhinobatidae	1
Chordata	Chondrichthyes	Scyliorhinidae	
Chordata	Chondrichthyes	Sphyrnidae	5
Chordata	Chondrichthyes	Stegostomatidae	1
Chordata	Chondrichthyes	Torpedinidae	
Chordata	Chondrichthyes	Triakidae	3
Chordata	Mammalia		17
Chordata	Mammalia	Balaenidae	1
Chordata	Mammalia	Balaenopteridae	4
Chordata	Mammalia	Delphinidae	6
Chordata	Mammalia	Dugongidae	1
Chordata	Mammalia	Eschrichtiidae	1
Chordata	Mammalia	Odobenidae	1
Chordata	Mammalia	Phocidae	2
Chordata	Mammalia	Trichechidae	1
Chordata	Squamata		2
Chordata	Squamata	Elapidae	2
Cnidaria			71
Cnidaria	Anthozoa		65

Cnidaria	Anthozoa	Acroporidae	13
Cnidaria	Anthozoa	Actiniidae	4
Cnidaria	Anthozoa	Agariciidae	2
Cnidaria	Anthozoa	Alcyoniidae	1
Cnidaria	Anthozoa	Antipathidae	1
Cnidaria	Anthozoa	Astrocoeniidae	1
Cnidaria	Anthozoa	Caryophyllidae	4
Cnidaria	Anthozoa	Clavulariidae	1
Cnidaria	Anthozoa	Corallidae	2
Cnidaria	Anthozoa	Dendrophyllidae	3
Cnidaria	Anthozoa	Faviidae	1
Cnidaria	Anthozoa	Fungiidae	1
Cnidaria	Anthozoa	Gorgoniidae	4
Cnidaria	Anthozoa	Helioporidae	1
Cnidaria	Anthozoa	Merulinidae	8
Cnidaria	Anthozoa	Montastraeidae	2
Cnidaria	Anthozoa	Mussidae	1
Cnidaria	Anthozoa	Oculinidae	1
Cnidaria	Anthozoa	Plexauridae	3
Cnidaria	Anthozoa	Pocilloporidae	11
Cnidaria	Anthozoa	Poritidae	6
Cnidaria	Anthozoa	Sagartiidae	1
Cnidaria	Anthozoa	Siderastreidae	2
Cnidaria	Hydrozoa		3
Cnidaria	Hydrozoa	Hydridae	1
Cnidaria	Hydrozoa	Protohydridae	1
Cnidaria	Scyphozoa		5
Cnidaria	Scyphozoa	Pelagiidae	2
Cnidaria	Scyphozoa	Rhizosomatidae	1
Ctenophora			1
Ctenophora	Nuda		1
Ctenophora	Tentaculata		1
Dinoflagellata			5
Dinoflagellata	Dinophyacaea		5
Dinoflagellata	Dinophyacaea	Goniodomataceae	2
Dinoflagellata	Dinophyacaea	Gymnodiniaceae	1
Dinoflagellata	Dinophyacaea	Symbiodiniaceae	3
Echinodermata			37
Echinodermata	Asteroidae		20
Echinodermata	Asteroidae	Acanthasteridae	6
Echinodermata	Asteroidae	Asteridae	6
Echinodermata	Asteroidae	Asterinidae	6
Echinodermata	Asteroidae	Goniasteridae	1
Echinodermata	Asteroidae	Stichasteridae	1
Echinodermata	Crinoidea		1
Echinodermata	Echinoidae		10

Echinodermata	Echinoidae	Cidaridae	1
Echinodermata	Echinoidae	Diadematidae	2
Echinodermata	Echinoidae	Echinometridae	2
Echinodermata	Echinoidae	Parechinidae	2
Echinodermata	Echinoidae	Strongylocentrotidae	2
Echinodermata	Holothuroidae		3
Echinodermata	Holothuroidae	Cucumariidae	2
Echinodermata	Holothuroidae	Holothuriidae	1
Echinodermata	Holothuroidae	Stichopodidae	1
Echinodermata	Ophiuroidae		10
Echinodermata	Ophiuroidae	Asteroschematidae	1
Echinodermata	Ophiuroidae	Gorgonocephalidae	1
Echinodermata	Ophiuroidae	Ophiacanthidae	1
Echinodermata	Ophiuroidae	Ophiactidae	1
Echinodermata	Ophiuroidae	Ophiocomidae	2
Echinodermata	Ophiuroidae	Ophiodermatidae	1
Echinodermata	Ophiuroidae	Ophiolepididae	1
Echinodermata	Ophiuroidae	Ophionereidae	1
Echinodermata	Ophiuroidae	Ophiothricidae	3
Echinodermata	Ophiuroidae	Ophiuridae	1
Heterokontophyta			28
Heterokontophyta	Bacillariophyceae		1
Heterokontophyta	Bacillariophyceae	Skeletonemataceae	1
Heterokontophyta	Phaeophyceae		27
Heterokontophyta	Phaeophyceae	Durvillaeaceae	3
Heterokontophyta	Phaeophyceae	Fucaceae	5
Heterokontophyta	Phaeophyceae	Heterochordariaceae	1
Heterokontophyta	Phaeophyceae	Laminariaceae	11
Heterokontophyta	Phaeophyceae	Lessoniaceae	4
Heterokontophyta	Phaeophyceae	Ralfsiaceae	1
Heterokontophyta	Phaeophyceae	Sargassaceae	4
Heterokontophyta	Phaeophyceae	Seirococcaceae	0
Mollusca			165
Mollusca	*Polyplacophora*		6
Mollusca	*Polyplacophora*	Chitonidae	3
Mollusca	*Polyplacophora*	Ischnochitonidae	1
Mollusca	*Polyplacophora*	Lepidochitonidae	1
Mollusca	*Polyplacophora*	Mopaliidae	3
Mollusca	Bivalvia		76
Mollusca	Bivalvia	Cardiidae	7
Mollusca	Bivalvia	Donacidae	1
Mollusca	Bivalvia	Lasaeidae	1
Mollusca	Bivalvia	Mactridae	1
Mollusca	Bivalvia	Myidae	1
Mollusca	Bivalvia	Mytilidae	35
Mollusca	Bivalvia	Ostreidae	6

Mollusca	Bivalvia	Pectinidae	7
Mollusca	Bivalvia	Pinnidae	2
Mollusca	Bivalvia	Pteriidae	4
Mollusca	Bivalvia	Semelidae	1
Mollusca	Bivalvia	Spondylidae	2
Mollusca	Bivalvia	Tellinidae	4
Mollusca	Bivalvia	Veneridae	2
Mollusca	Bivalvia	Vesicomyidae	2
Mollusca	Cephalopoda		12
Mollusca	Cephalopoda	Loliginidae	3
Mollusca	Cephalopoda	Nautilidae	1
Mollusca	Cephalopoda	Octopodidae	1
Mollusca	Cephalopoda	Ommastrephidae	4
Mollusca	Cephalopoda	Sepiidae	1
Mollusca	Gastropoda		88
Mollusca	Gastropoda	Aplysiidae	1
Mollusca	Gastropoda	Buccinidae	6
Mollusca	Gastropoda	Calliostomatidae	1
Mollusca	Gastropoda	Calyptraeidae	6
Mollusca	Gastropoda	Capulidae	1
Mollusca	Gastropoda	Conidae	1
Mollusca	Gastropoda	Doridae	1
Mollusca	Gastropoda	Fissurellidae	1
Mollusca	Gastropoda	Goniodoridae	1
Mollusca	Gastropoda	Haliotidae	16
Mollusca	Gastropoda	Hydrobiidae	1
Mollusca	Gastropoda	Lepetodrilidae	1
Mollusca	Gastropoda	Limapontiidae	2
Mollusca	Gastropoda	Littorinidae	9
Mollusca	Gastropoda	Lottidae	3
Mollusca	Gastropoda	Muricidae	14
Mollusca	Gastropoda	Nacellidae	8
Mollusca	Gastropoda	Nasariidae	4
Mollusca	Gastropoda	Neritidae	6
Mollusca	Gastropoda	Olivellidae	1
Mollusca	Gastropoda	Onchidiidae	1
Mollusca	Gastropoda	Onchidoridae	1
Mollusca	Gastropoda	Patellidae	6
Mollusca	Gastropoda	Provannidae	1
Mollusca	Gastropoda	Siphonariidae	3
Mollusca	Gastropoda	Strombidae	2
Mollusca	Gastropoda	Tegulidae	2
Mollusca	Gastropoda	Tergipedidae	1
Mollusca	Gastropoda	Trochidae	6
Mollusca	Gastropoda	Turbinidae	1
Nematoda			1

Nemertea			3
Nemertea	Enopla		2
Nemertea	Enopla	Emplectonematidae	1
Nemertea	Enopla	Tetrastemmatidae	1
Plantae			16
Plantae	Angiospermae		16
Plantae	Angiospermae	Avicenniaceae	1
Plantae	Angiospermae	Cymodoceaceae	2
Plantae	Angiospermae	Hydrocharitaceae	2
Plantae	Angiospermae	Juncaginaceae	1
Plantae	Angiospermae	Poaceae	2
Plantae	Angiospermae	Posidoniaceae	1
Plantae	Angiospermae	Rhizophoraceae	2
Plantae	Angiospermae	Zosteraceae	7
Platyhelmintha			4
Platyhelmintha	Trematoda		2
Platyhelmintha	Trematoda	Bucephalidae	1
Platyhelmintha	Trematoda	Echinostomatidae	1
Platyhelmintha	Turbellaria		2
Porifera			14
Porifera	Demospongiae		12
Porifera	Demospongiae	Callyspongiidae	1
Porifera	Demospongiae	Chondrillidae	1
Porifera	Demospongiae	Clionaidae	2
Porifera	Demospongiae	Crambeidae	1
Porifera	Demospongiae	Dictyonellidae	4
Porifera	Demospongiae	Dysideidae	1
Porifera	Demospongiae	Hymedesmiidae	1
Porifera	Demospongiae	Ianthellidae	1
Porifera	Demospongiae	Niphatidae	1
Porifera	Demospongiae	Petrosiidae	1
Porifera	Demospongiae	Spongiidae	2
Priapulida			1
Priapulida	Halicryptomorpha		1
Priapulida	Halicryptomorpha	Halicryptidae	1
Proteobacteria			2
Proteobacteria	Gamma Proteobacteria		2
Proteobacteria	Gamma Proteobacteria	Vibrionaceae	2
Rhodophyta			4
Rhodophyta	Florideophyceae		4
Rhodophyta	Florideophyceae	Callithamniaceae	1
Rhodophyta	Florideophyceae	Corallinaceae	1
Rhodophyta	Florideophyceae	Dumontiaceae	1
Rhodophyta	Florideophyceae	Endocladiaceae	1
Rhodophyta	Florideophyceae	Gelidiaceae	2

Rhodophyta	Florideophyceae	Gigartinaceae	1
Rhodophyta	Florideophyceae	Halymeniaceae	1
Rhodophyta	Florideophyceae	Phyllophoraceae	2
Rhodophyta	Florideophyceae	Rhodomelaceae	1
Sipuncula			2
Sipuncula	Phascolosomatidea		1
Sipuncula	Phascolosomatidea	Phascolosomatidae	1
Virus			1

Supplement 4. Full list of habitats in dataset

Habitat	**No. of studies**	**Habitat**	**No. of studies**
Unstated	246	Freshwater-Freshwater	14
Coral reefs	231	Estuarine-Marine	11
Freshwater-Marine	152	Unspecified deep sea (>1km depth)	11
Rocky Intertidal	120	Hydrothermal vents	10
Hard bottom	99	Saltmarsh	10
Estuarine	92	Marine lagoon	8
Seagrass beds	70	Sea mount	8
Soft bottom	59	Mussel reefs	5
Open Pelagic	44	Other biogenic	5
Mangrove	38	Oyster reefs	5
Algae	37	Deep Coral	3
Terrestrial-based fauna *	34	Terrestrial-Intertidal	1
Soft intertidal	31	Worm reefs	1
Man-made	18		

* e.g. turtles, penguins and seals – unique in that it links terrestrial and marine systems, but highly restricted to culturally significant (mega)fauna