

Checklist of corals from the Daintree Reefs

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Summary

One hundred and forty-one species, belonging to 50 genera of scleractinian corals were recorded from the Daintree reefs during a three day study, November 1985.. Of these, Alveopora gigas, Alveopora marionensis and Psammocora sp. have not been previously recorded from 'the Great- Barrier Reef. The absence of any previous record of Alveopora gigas from any eastern Australian locality except the Daintree reefs is extraordinary as this species forms large conspicuous colonies with large and very distinctive polyps.

<u>Acanthastrea echinata</u>	rare, recorded from Ayling's specimen only
<u>Acropora aculeus</u>	rare
<u>Acropora anthocercis</u>	rare, difficult to recognise
<u>Acropora brueggemanni</u>	very common and widespread
<u>Acropora cerealis</u>	uncommon
<u>Acropora cytherea</u>	patchy
<u>Acropora danai</u>	in one area only
<u>Acropora divaricata</u>	common,, most colonies are a distinct purple
<u>Acropora donei</u>	patchy
<u>Acropora elseyi</u>	patchy, abundant at one site
<u>Acropora formosa</u>	patchy
<u>Acropora grandis</u>	rare or very patchy
<u>Acropora humilis</u>	uncommon
<u>Acropora hyacinthus</u>	uncommon
<u>Acropora kirstyae</u>	rare
<u>Acropora latistella</u>	patchy
<u>Acropora microclados</u>	uncommon
<u>Acropora microphythalma</u>	very common in some areas
<u>Acropora millepora</u>	uncommon but very distinct salmon pink
<u>Acropora nasuta</u>	patchy
<u>Acropora palifera</u>	very common
<u>Acropora paniculata</u>	rare

<u>Acropora samoensis</u>	common
<u>Acropora selago</u>	'patchy or uncommon
<u>Acropora subulata</u>	very common
<u>Acropora tenuis</u>	common, very distinct
<u>Acropora sp.</u>	very common and widespread
<u>Acropora valida</u>	very common in shallow water
<u>Acropora vauhani</u>	patchy
<u>Acropora willisae</u>	common in shallow water
<u>Alveopora qiqas</u>	common, not previously recorded from eastern Australia. This species forms large, conspicuous colonies at the Houtman Abrolhos Islands.
<u>Alveopora marionensis</u>	common, not previously recorded from the GBR
<u>Astreopora moretonensis</u>	common, forms stubby branches on flat plates
<u>Astreopora myriophthalma</u>	rare
<u>Barabattoia amicum</u>	uncommon, hardly separable from <u>Favia</u>
<u>Blastomussa wellsi</u>	rare
<u>Caulastrea furcata</u>	rare
<u>Coelosera mayeri</u>	from Ayling's specimens, not seen by Veron
<u>Coscinaraea columna</u>	very-common and widespread -- -- --
<u>Cyphastrea microphthalma</u>	common, forms big knobby colonies
<u>Cyphastrea serailia</u>	common
<u>Duncanopssamia axifuqa</u>	uncommon
<u>Echinophyllia aspera</u>	very common and widely distributed
<u>Echinopora gemmacea</u>	common
<u>Echinopora horrida</u>	rare, recorded from Ayling's specimens, not seen by Veron
<u>Echinopora lamellosa</u>	very common and widespread
<u>Euphyllia ancora</u>	uncommon, very distinctive
<u>Euphyllia qlabrescens</u>	uncommon, very distinctive
<u>Favia fava</u>	common
<u>Favia lizardensis</u>	uncommon, forms large colonies
<u>Favia palida</u>	common
<u>Favia speciosa</u>	rare
<u>Favia veroni</u>	uncommon, distinctive
<u>Favites abdita</u>	uncommon
<u>Favites complanata</u>	uncommon or patchy
<u>Favites flexuosa</u>	rare
<u>Favites halicora</u>	uncommon

<u>Favites pentagona</u>	very common
<u>F a v i t e s russelli</u>	rare
<u>Funqia fungites</u>	very common
<u>Funqia paumotensis</u>	common
<u>Funqia repanda</u>	very common
<u>Funqia p l e x</u>	uncommon
<u>Funqia valida</u>	common
<u>Galaxea astreata</u>	common
<u>Galaxea fascicularis</u>	very common, forms very large colonies
<u>Goniastrea australensis</u>	probably common
<u>Goniastrea fawlus</u>	uncommon
<u>Goniastrea palauensis</u>	common
<u>Goniastrea pectinata</u>	uncommon
<u>Goniastrea retiformis</u>	common
<u>Goniopora columna</u>	common, has large oral cones
<u>Goniopora djiboutensis</u>	common, forms flat sheets
<u>Goniopora lobata</u>	common
<u>Goniopora minor</u>	patchy
<u>Goniopora stokesi</u>	rare, from Ayling's specimens, not seen by Veron
<u>Goniopora stutchburyi</u>	uncommon
<u>Goniopora tenuidens</u>	common, forms large colonies
<u>Heliofaugia actiniformis</u>	rare
<u>Herpolitha limas</u>	common in some areas
<u>Hydnophora exesa</u>	very common
<u>Hydnophora pilosa</u>	rare
<u>Leptastrea pruinosa</u>	common
<u>Leptastrea purpurea</u>	common
<u>Leptoriaphrygia</u>	rare
<u>Leptoseris mycetoseroides</u>	patchy
<u>Lobophyllia hemprichii</u>	common or patchy
<u>Merulina ampliata</u>	very common
<u>Montastrea annuligera</u>	rare
<u>Montastrea curta</u>	uncommon
<u>Montastrea magnistellata</u>	rare
<u>Montipora aequituberculata</u>	common, colonies small
<u>Montipora crassituberculata</u>	uncommon
<u>Montipora foliosa</u>	uncommon, colonies small
<u>Montipora grisea</u>	probably rare

<u>Montipora hispida</u>	very common
<u>Montipora hoffmeisteri</u>	uncommon, cryptic
<u>Montipora informis</u>	rare
<u>Montipora nodosa</u>	common
<u>Montipora spumosa</u>	uncommon
<u>Montipora stellata</u>	very common and widely distributed
<u>Montipora undata</u>	uncommon
<u>Montipora verrucosa</u>	uncommon
<u>Moseleya latistellata</u>	
<u>Mycedium elephantotus</u>	from Ayling's specimens, not seen by Veron
<u>Oulophyllia crispa</u>	from Ayling's specimens, not seen by Veron
<u>Oxypora lacera</u>	very common
<u>Pachyseris rugosa</u>	common at one site only
<u>Pachyseris speciosa</u>	very common
<u>Pavona cactus</u>	rare - from Ayling's specimens, not seen by Veron
<u>Pavona varians</u>	uncommon
<u>Pavona venosa</u>	very common
<u>Pectinia lactuca</u>	very common and widespread
<u>Platygyra daedalea</u>	common
<u>Platygyra lamellina</u>	uncommon
<u>Platygyra pini</u>	common
<u>Platygyra sinensis</u>	common
<u>Platygyra verweyi</u>	identification doubtful, rare
<u>Platygyra sinuosa</u>	rare
<u>Pocillopora damicornis</u>	common
<u>Podabacia crustacea</u>	common
<u>Polyphyllia talpina</u>	common
<u>Porites annae</u>	common
<u>Porites lichen</u>	common, lacks distinct colouration
<u>Porites lutea</u>	very common, forms large colonies
<u>Porites mayeri</u>	common, colonies become columnar
<u>Psammocora contigua</u>	patchy
<u>Psammocora profundacella</u>	uncommon
<u>Psammocora superficialis</u>	patchy, forms unusually large colonies
<u>Psammocora sp.</u>	common, upright flattened branches. Not previously recorded from eastern Australia
<u>Psuedosiderastrea tayamai</u>	uncommon, distinctive
<u>Sandalolitha robusta</u>	uncommon

<u>Seriatopora hystrix</u>	common in isolated patches
<u>Stylocoeniella guentheri</u>	uncommon, cryptic
<u>Stylophora pistillata</u>	common, forms unusually fine branches
<u>Symphyllia agaricia</u>	rare
<u>Turbinaria bifrons</u>	uncommon
<u>Turbinaria conspicua</u>	
<u>Turbinaria mesenterina</u>	the most common <u>Turbinaria</u>
<u>Turbinaria patula</u>	rare
<u>Turbinaria peltata</u>	patchy
<u>Turbinaria reniformis</u>	common