

INDEX OF GENERIC AND SPECIFIC NAMES

- A**
- Abatus* 119
- Acanthinocyathus*
- apertus* 17, 18
- Acanthobasiliola* 74
- Acmopyle* 138
- Acrotreta*
- limoensis* 47
- pompeckji* 47
- Actinotheca*
- sp. 17
- Adamussium*
- colbecki* 168
- Aerothyris* 93
- Aetheia* 77
- Ajacycyathus*
- ajax* 17, 18
- sp. 17
- stapipora* 21
- walliseri* 22
- Ajacycyathus (Stapicyathus)*
- stapipora* 21
- Albrunnicola*
- bengtsoni* 17
- Allonnia*
- sp. 17
- Almucidaris*
- durhami* 123
- Ambostracon (Patagonacythere)*
- tricostata* 183
- Ammoelphidiella* 164, 165, 169
- antarctica* 156, 157, 159*, 164, 164*, 165, 166*, 167, 168, Pl. 37, Pl. 38
- ?*Anaptyctocyathus*
- sp. 17
- Andalusicyathus*
- cooperi* 28
- Angulogerina* 162
- angulosa* 159*, 162, 166*, Pl. 34
- Anomia*
- psittacea* 72
- retusa* 80
- rosea* 81
- Antarctiberyx*
- seymouri* 142
- Antarctiloxoconcha* 179, 183
- rotundicaudata* 183
- frigida* 179, 180, 183, Pl. 45
- Aporosocyathus* 23, 24
- mucroporus* 17, 18, 23, Pl. 4
- ?*Aporosocyathus*
- sp. 17, 23, Pl. 4
- Araucaria* 135
- angustifolia* 135
- aracana* 135
- bidwilli* 135
- brasilliana* 135
- hastiensis* 135
- imponens* 138
- nathorsti* 134*, 135, Pl. 32
- ?*Araucaria*
- imponens* 135
- sp. Pl. 32
- Archaeocyathellus (Stapicyathus)*
- stapipora* 21
- Archaeocyathus*
- acutus* 22
- pauciseptatus* 28
- stapipora* 21
- subacutus* 22
- trachealis* 21
- Archaeopharetra* 27
- irregularis* 17, 18, 27, Pl. 6
- sp. 17
- cf. *typica* 27
- Astacolus* 160
- Astroides* 60
- Astrononion* 168
- Aulocyathus* 55, 56, 62
- juvenescens* 55
- matricidus* 55
- recidivus* 55
- ?*Aulocyathus*
- sp. 55, 56*, Pl. 14
- Australicythere* 179, 180, 182
- polylyca* 179, 180, 182, Pl. 43
- Austrocidaris* 120, 122, 123, 124
- jorgensis* 122
- seymourensis* sp. n. 119*, 120, 121*, 122*, 123, 124, Pl. 28, Pl. 29, Pl. 30, Pl. 31
- B**
- Balanophyllia* 60
- europaea* 60
- malouinensis* 60
- Basiliola* 71, 72, 88, 90, 91, 92, 94
- arnaudi* 72
- beecheri* 72
- elongata* 72
- lucida* 72, 88
- minuta* sp. n. 68, 69, 71, 71*, 72, 88, Pl. 19
- niitida* 72
- pompholyx* 72
- roddai* 72
- sp. 72
- strasfogeli* 72
- Bija*
- sp. 17, Pl. 8
- Biloculina*
- elongata* 159, 159*, 160
- ringens* 159, 159*, 160
- Bolivina*
- earlandi* 162
- Bothrophoria* 52
- Botsfordia* 44, 45
- caelata* Pl. 10
- pulchra* Pl. 10
- Bouchardia* 67, 81, 89, 90, 91, 92
- angusta* 81
- antarctica* 68, 69, 70, 81, 82*, 82, 89, Pl. 19
- attenuata* 81
- elliptica* 81
- ovalis* 81
- rosea* 89
- zitteli* 82
- Bozshakolia* 47
- Bractocyathus*
- labiosus* 17
- Bruennichometra* 112
- Bunya* 135
- Buterminaster*
- elegans* 120
- ?*Byronia*
- sp. 17
- C**
- Calloria* 82
- Cambrocyathellus* 27
- Camenella*
- sp. 17

- Caryophyllia* 54, 55, 62
 sp. 54, 55*, 55, Pl. 16
- Cassidulina* 161, 165
crassa 158, 159*, 161, 162, 165, 166*, 168, Pl. 35
oblonga 161
parkeriana 161
subglobosa 161, 162
- Cassidulinoides* 161, 165, 168
parkerianus 159*, 161, 162, 165, 166*, Pl. 35
 cf. *parkerianus* 161
- Cassidulus* 119
- Chabakoviccyathus* 27
- ?*Chabakoviccyathus* 26
 sp. 17, 26, Pl. 5
- Chalasiocranos*
exquisitum 18
- Chancelloria*
 sp. 17
- Chlamys*
anderssoni 152, 154, 155*, 156*, 156, 157*, 179
tuftsensis 157
- Chlidonophora* 81
- Cibicides* 162, 165, 168
lobatulus 159*, 163, 165, 166*, Pl. 36
refulgens 159*, 162, 163, 166*, Pl. 36
- Cladophlebis* 133
 sp. 133, 134*, Pl. 33
- Cladocora* 62
- Clivosilingula* 41, 42
clivosa 42
dilatata 41
elata 43
- Coleolella* 17
- Colymbea* 135
- Conotrochus* 56
- Copytus* 179, 180
caligula 179, 180, Pl. 39
elegantus 180
- Coscinoocyathus*
stephensoni 24
 ?*stephensoni* 24
- Cribrononion* 163
 sp. 159*, 163, 166*, Pl. 37
- Crispatotrochus* 56, 57, 62
antarcticus sp. n. 56, 57*, 58*, 57, Pl. 15
cornu 57
demarcqui 57
galloprovincialis 57
inornatus 56
periallus 57
tortonensis 57
 cf. *C. rubescens* 57
- Cristellaria*
gibba 159*, 160
- Ctenocidaris* 122, 123
- Cucullaea* 53, 69
- Cyathidium* 112, 113
depressus 113
holopus 102, 103, 104, 104*, 112, 113,
 114, 120, 123, Pl. 27
senessei 113
 sp. 113
- Cyathoceras* 56
- Cyathocidaris* 119
- Cyathocricus*
tracheodentatus 17
- Cypelometra* 112
iheringi 112
- Cythereis*
polylyca 182
 sp. gr. *convexa* 178
 sp. gr. *margaritifera* 178
speyeri 178
- Cythereis (Procythereis)*
robusta 182
- Cytheropteron* 177, 178, 180, 184
- ?*Cytheropteron*
frigidum 183
 sp. 184, Pl. 45
- ## D
- Dacrycarpus* 133, 134
dacrydioides 134
- Dacrycarpus?*
tertiarius 133, Pl. 32
- Dacrydium* 134
- Dailyatia* 40
ajax 17
- Dallina* 87
- Dicotylophyllum* 138
 sp. 136*, 138, 139, Pl. 32
- Dictyocyathus*
irregularis 27
- Diedrothyris* 93
- Diplocyathellus*
 sp. 17
- Discorbinella* 162
 sp. 159*, 162, 166*
- Dokidocyathus*
 sp. 17, Pl. 2
- Drosdovia* 31, 32
- ## E
- Eccentrotheca* 17
- Echinocardium* 132
- Edelsteinia* 31
- Edreja* 44, 45
- Ehrenbergina*
glabra 168
- Eometacrinus* gen. n. 106, 107, 108
australis 120, 123
australis sp. n. 102, 103, 104, 104*, 105, 106, 107,
 107*, 108*, 109, 109*, 110, 114, Pl. 27
- Euobolus* 41, 42
dilatatus 43
elatus 43
 aff. *elatus* 38, 40, 41, 42*, 43, Pl. 9
triparilis 42, Pl. 10
 aff. *E. elatus* 18
- Eothele* 38, 44, 45, 46
napuru 45
spurri 45, Pl. 12
- Epistominella* 162, 168
vitrea 159*, 162, 166*, Pl. 35
- Erismacoscinus* 24
stephensoni 17, 18, 24, Pl. 4
- Erugatocyathus* 24, 25, 26
gravestocki 17, 25, Pl. 4
scutatus 17, 18, 25, Pl. 5
 sp. Pl. 2
- Eucalathis* 81
- Eurocidaris* 122, 123
- ## F
- Fissurina* 160
laevigata 160
 cf. *laevigata* 159*, 160, 166*
quadrata var. *carinata* 161
 cf. *quadrata* 159*, 161, 166*
semimarginata 160
 cf. *semimarginata* 159*, 160, 166*, Pl. 34
- Fitzroya*
tertiaria 133, 134
- Flabellum* 58, 59, 62
appendiculatum 58
clarki 58
fresnoense 58

- johnsoni* 58
pavoninum 58
rarisepatum 59
 sp. 58, 59, Pl. 17
Flabellum (Ulocyathus)
deludens 58
hoffmeisteri 58
marenzelleri 58
 ?*Flabellum*
anderssoni 58
Flexanulus 24
Flindersicyathus
latilocolatus 28
uniserialis 30
Fursenkoina 162, 168
earlandi 162
 cf. *earlandi* 159*, 162, 166*, Pl. 35
Fuscospora 137
- G**
- Gen. et sp. n. 79, Pl. 22
 Gen. et sp. incert. 184, Pl. 42
Girvanella 14, 16
 sp. Pl. 8
Globocassidulina 161, 168
subglobosa 159*, 161, 165, 166*, Pl. 35
Goniocidaris 122
Gordonophyton 14, 15*, 16, 40
grande 17, Pl. 2, Pl. 8
Gravestockia
 sp. 17
- H**
- Hadimopanella*
antarctica 18
Hadrotreta 47
djagorana 47
primaeva 18
primaeva 47
Halkieria
parva 17
 sp. 17
Hemicythere
keruelenensis 182
 sp. aff. *H. keruelenensis* 182
Hemicytherura 179, 180, 183
reticulata 183
 cf. *reticulata* 179, 183, Pl. 41
Hemithiris 72, 73, 88, 90, 92, 94
antarctica 68, 72, 88, 92, Pl. 20
psittacea 88
Hemithyris
antarctica 72
beecheri 71
imbricata 74
plicigera 76
squamosa 74
 ?*Hemithyris*
 sp. 68, 73, Pl. 18
Hippontocharion
 sp. 17
Holopus 113
Hoplostethus
natalensis 142
filiformis 17
 sp. 17
- I**
- Illiciphylum* sp. 137
- K**
- Kangliacyathus* 56
- Karathele* 38, 44, 45
coronata 44, 46
napuru 18, 38, 40, 45*, 45, Pl. 11, Pl. 12
Khasaktia 14, 31
intermedia 31
 sp. 17, 31, Pl. 8
vesicularis 31
 ?*Kiwicyathus*
 sp. 17
Knightia 138
andreae 137
excelsa 138
Knightiophyllum gen. n. 137, 138, 139
andreae 136*, 137, 137*, 138, 139, 144, Pl. 33
 ?*Knightiophyllum*
 sp. 143*
Kordephyton 14
 sp. 17, Pl. 8
Kruseicnema 28, 31
gracilis 17, 18, 31, Pl. 7
- L**
- Labyrinthocyathus* 56, 57
Ladaecyathus
pratti 29
 sp. 17
Lagena
globosa 159*, 161
laevigata 160
marginata var. *semimarginata* 160
quadrata 161
Lahilla 53
Lapworthella
fasciculata 17
Laquethiris gen. n. 86
curiosa sp. n. 68, 83, 86, 87, Pl. 26
Laqueus 86, 87
 "Laqueus"
cockburnensis 87
Lenticulina 160
gibba 159*, 160, 165, 166*, Pl. 34
Leptocythere 179, 181
mosleyi 181
patagonica 181
 ?*Leptocythere*
 sp. 181, Pl. 40
Leptosocyathus 21
 sp. 17, 21
Lingula 67, 70, 88, 90, 91
anatina 70
antarctica 70, 71, 88, Pl. 18
waikatoensis 71
Lingulella 41
clivosa 41
elata 41, 43
rotunda 42
 sp. 18, 43
triparilis 42
variabilis 42
viridis 42
wanniecki 41, 42
 "Lingulella"
Liothyrella 67, 69, 77, 78, 89, 90, 92
andressoni 68, 69, 70, 77, 78, Pl. 20
lecta 78
neozelanica 89, 92
 sp. 68, 78, Pl. 20
uva 67, 78
 cf. *L. lecta* 78
Lochmaeotrochus 56
Lophelia 62
 ?*Lophelia* 62
Loxoconcha 178

- Loxocythere* 180
frigida 183
kingi 180
? *Loxocythere* 179
sp. 180, Pl. 40
Loxoreticulatum 180, 184
? *Loxoreticulatum* 179
sp. 184, Pl. 41
Luhotreta 46, 47
pompeckji 46
- M**
- Macandrevia* 84, 85, 86, 90, 93, 94
africana 86
americana 86
americana vanhoeffeni 86
bayeri 86
cooperi sp. n. 68, 69, 84, 85*, 86*, 86, 90, Pl. 25
cranium 86
delicata 86
diamantina 86
nipponica 86
novangliae 86
tenera 86
Madrepora 54, 62
cyathus 54
oculata 54
sobral 54, 62, Pl. 14
Magella 83, 89, 90, 94
australis 68, 83, 87, 89, Pl. 23
carinata 83
pittensis 83
Magella?
sp. 93
Magellania 67, 83, 89, 90, 92, 93
antarctica 68, 69, 70, 83, 89, Pl. 26
venosa 89, 90
Marambionella 140
andreae 139*, 140*, 141, 142, 143*
Melonis 163
sp. 159*, 163, 166*, Pl. 37
Mennericyathus
dissitus 18, 24, 25
"Mennericyathus"
dissitus 15, 30
? *Mennericyathus* 24
Meridionalicythere 183
? *Meridionalicythere* 179
sp. 183, Pl. 40
Merluccius
hubbsi 141
Metacrinus 106, 108, 123
fossilis 103*, 103, 104*, 105, 108, 109, 109*, 110
sp. 107, 109
Metacyathellus 28, 30
lairdi 17, 30
Metaldetes 15, 28, 29, 30
pratti 15, 17, 18, 29, Pl. 6
? *Metaldetes*
lairdi 29
Micrina 17
Microcornus
cf. *petilus* 16
Microporocrinus
Gastaldii 112
Miliolina
grata 159*, 160
Mongolitiubulus
sp. 17
squamifer 17
Monocyathus
irregularis 20
- Murravia* 80, 81, 89, 90, 92, 94
caituliformis 81
exarata 81
fosteri sp. n. 68, 69, 80, 81, 89, 92, Pl. 24
Myochlamys
anderssoni 154
- N**
- Naimarkcyathus* gen. n. 29
elenae gen. et sp. n. 17, 18, 29, Pl. 7
Nonionella 163
bradii 159, 159*, 163, 166*, Pl. 36
turgida 163
cf. *turgida* 159, 159*, 163, 166*
Nonionina
scapha 163
scapha var. *bradii* 163
turgida 163
Nautilus
lobatulus 163
Neobouchardia 92
Neorhynchia 73
Nothofagus 135, 137, 138, 139, 144
alessandri 137
sp. 134*, 135, 137, Pl. 32, Pl. 33
subferruginea 137
Notocidarid 122, 123
Notocrinus 110, 111, 124
mortenseni 111
rasmusseni 104, 111
seymourensis 123
seymourensis sp. n. 102, 103, 104, 104*, 105, 110,
111, 111*, 112*, 112, 113, Pl. 27
sp. 110
virilis 110
Notosaria 67, 73, 74, 88, 90, 92, 94
antipoda 74
nigricans 73, 88
nigricans pyxidata 74
reinga 74, 88
seymourensis 68, 73, 74, 92, Pl. 21
sp. 68, 74, Pl. 21
Notocyga 81
- O**
- Obolus* 41
triparilis 41, 42
Obolus (Eoobolus) 41
"Obolus" 38
Ogmocidarid 122, 123
Oolina 161
globosa 159*, 161, 166*
Ostrea 54, 105
Oxysmia 56
- P**
- Pachymagas*
antarctica 83
Paralindingia 87
Paranacyathus 27
parvus 27
sarmaticus 17, 18, 27, Pl. 6
Paraplicirhynchia gen. n. 76
gazdzickii sp. n. 68, 69, 76, 77, Pl. 22
Parasmilia 58
Paratrachichthys
prosthemiis 142
sajademaalensis 142
Patagonacythere 179, 180, 182
longiducta 182
cf. *longiducta* 179
longiducta antarctica 182
longiducta longiducta 182

cf. <i>longiducta longiducta</i>	182, Pl. 44
<i>tricostata</i>	183
cf. <i>tricostata</i>	179, 182, Pl. 44
? <i>Patagonacythere</i>	
cf. <i>longiducta longiducta</i>	Pl. 44
<i>Patagorhynchia</i>	77
<i>Patellina</i>	158, 168
<i>corrugata</i>	158, 159*, 166*
<i>Paterimitra</i>	17
<i>Pecten</i>	54, 105
<i>Pelagiella</i>	
cf. <i>adunca</i>	16
<i>Pelagiella</i>	
sp.	16
<i>Phapsirhynchia</i>	
<i>sanctapaulensis</i>	77
<i>Phycis</i>	
<i>chesteri</i>	141
<i>Pinna</i>	53
<i>Plicirhynchia</i>	76, 77, 89, 92
<i>plicigera</i>	76
sp.	76
? <i>Plicirhynchia</i>	
sp.	68, 69, 76, 77, Pl. 21
<i>Podocarpus</i>	135
<i>dacrydioides</i>	134
<i>tertiarius</i>	133
<i>Polykladichnus</i>	
<i>irregularis</i>	133
<i>Polymorphina</i>	
<i>gutta</i>	159*, 160
<i>Prethmophyllum</i>	22
<i>brunhilda</i>	23
ex gr. <i>brunhilda</i>	17, 23, Pl. 1
<i>subacutum</i>	17, 18, 22, Pl. 3
<i>Proaulopora</i>	14, 16
sp.	17
<i>Probolarina</i>	72, 76, 77
? <i>Probolarina</i>	
sp.	71, 72
<i>Procythereis</i>	181
<i>robusta</i>	182
cf. <i>robusta</i>	179, 181, 182, Pl. 39
<i>Protopharetra</i>	
<i>grandicaveata</i>	27
<i>radiata</i>	28
<i>Prumnopitys</i>	138
<i>Psammocyathus</i>	56
<i>Pseudocythereis</i>	181
<i>spinifera</i>	179, 180, 181, Pl. 41
<i>Pseudonodosaria</i>	160
sp.	159*, 160, 165, 166*, Pl. 34
<i>Pseudosyringocnema</i>	30
<i>gracilis</i>	31
cf. <i>gracilis</i>	31
sp.	31
<i>uniserialis</i>	17, 18, 30, Pl. 7
<i>Putapacyathus</i>	26
<i>excavatus</i>	17, 18, 26, Pl. 5
<i>regularis</i>	26
<i>Pycnoidocyathus</i>	28
<i>latiloculatus</i>	17, 18, 28, Pl. 4
<i>Pyrgo</i>	159, 165, 168, 169
<i>depressa</i>	159
<i>elongata</i>	159*, 159, 160, 165, 166*
<i>formasinii</i>	159, 159*, 160, 165, 166*, Pl. 34

R

<i>Rabilimis</i>	179, 181
<i>paramirabilis</i>	181
? <i>Rabilimis</i>	
sp.	179, 181, Pl. 42
<i>Rackovskia</i>	31

<i>Radiocyathus</i>	
<i>minor</i>	17
<i>Razumovskia</i>	
sp.	17
<i>Renalcis</i>	14, 16, 40, Pl. 2
sp.	17
<i>Rhopalocidaris</i>	122
<i>Rhynchonella</i>	
<i>plicigera</i>	76
<i>squamosa</i>	74
"Rhynchonella"	
<i>faxensis</i>	77
<i>Robustocyathus</i>	
<i>stapipora</i>	21
<i>subacutus</i>	22
<i>Rotalia</i>	
<i>beccarii</i>	159*, 164

S

<i>Sakhacyathus</i>	28
<i>Saracrinus</i>	106, 108
<i>Schizaster</i>	119
<i>Scolicia</i>	132
<i>Semicytherura</i>	179, 180, 183
? <i>Semicytherura</i>	
sp.	183, Pl. 41
<i>Serratocthereis</i>	182
<i>Seymourella</i> gen. n.	78
<i>oweni</i> sp. n.	68, 78, 79, Pl. 25
<i>Shamovella</i>	31, 32
<i>Spirocynthella</i>	15, 28, 30
<i>cooperi</i>	15, 17, 18, 28, Pl. 5, Pl. 6, Pl. 7
<i>Stapicyathus</i>	21
<i>atlanticus</i>	29
<i>incisus</i>	17, 18
<i>stapipora</i>	17, 18, 21, Pl. 1
<i>Stethothyris</i>	84, 90, 93, 94
sp.	69, 84, 84*
<i>tapirina</i>	84
<i>uttleyi</i>	67, 84, 90
<i>Stigmatopygus</i>	119
<i>Streptaria</i>	72
<i>Stringocnema</i>	
<i>gracilis</i>	31
<i>Subtifloria</i>	15
<i>Syringocnema</i>	30
<i>favus</i>	17, 18, 30, 31, Pl. 7
<i>gracilis</i>	30

T

<i>Tegulorhynchia</i>	67, 69, 74, 75, 88, 90, 92, 94
<i>ampullacea</i> sp. n.	68, 75, 76, Pl. 18
<i>boongeroodaensis</i>	76
<i>coelata</i>	76
<i>doederleini</i>	74, 76, 88, 92
<i>imbricata</i>	68, 74, 75, 76, Pl. 18
sp.	68, 75, 75*, Pl. 18
<i>squamosa</i>	74, 76, 92
<i>sublaevis</i>	76
<i>thomsoni</i>	76
<i>Terebratella</i>	67, 82, 90
<i>crofi</i>	82
"Terbratella"	
<i>crofi</i>	67, 82
sp.	68, 82, Pl. 19
sp.	69
<i>Terebratula</i>	
<i>australis</i>	83
<i>chilensis</i>	82
<i>cranium</i>	84
<i>nigricans</i>	73
<i>uva</i>	77
<i>Terebratulina</i>	67, 80, 81, 89, 90, 92
<i>buckmani</i>	68, 80, 89, Pl. 23

<i>catinuliformis</i>	80	<i>Tumuliolynthus</i>	20
<i>kiiensis</i>	89	<i>irregularis</i>	17, 18, 20 , Pl. 3
<i>lenticularis</i>	80	U	
<i>retusa</i>	89	<i>Ungula</i>	41
<i>septentrionalis</i>	89	<i>Urophycis</i>	
<i>suessi</i>	80	<i>chuss</i>	141
<i>Thalamocyathus</i>	21 , 22	<i>Uvigerina</i>	
sp.	17, 22 , Pl. 3	<i>angulosa</i>	162
<i>tectus</i>	22	V	
<i>trachealis</i>	17, 18, 21 , 22, 24, Pl. 3	<i>Vandalotreta</i>	46 , 47
ex gr. <i>trachealis</i>	17, 22 , Pl. 3	<i>djagoran</i>	18, 38, 40, 47 , 48*, 48, Pl. 13
<i>Thambetolepis</i>		<i>vafra</i>	46, 48
<i>delicata</i>	17	<i>Vassilkovia</i>	41, 42
<i>Torgaschinocyathus</i>		<i>Veronicacyathus</i>	26
<i>scutatus</i>	25	sp.	17, 26 , Pl. 5
<i>Triloculina</i>		? <i>Veronicacyathus</i>	
sp.	159*, 160 , 165, 166*	<i>gravestocki</i>	25
<i>Trochoelphiella</i>		sp.	17
<i>onyxi</i>	156, 157, 164, 167	<i>Victorithyris</i>	93
<i>Truncatulina</i>		<i>Vittia</i>	31
<i>lobatula</i>	159*, 163	W	
<i>refulgens</i>	159*, 162, 163	<i>Waltonia</i>	82
<i>ungariana</i>	159*		
<i>Tubastraea</i>	59 , 60, 62		
<i>conccinea</i>	59		
<i>micrantha</i>	60		
sp.	59 , 59*, Pl. 17		
<i>Tubiphytes</i>	31		

Explanation to index: * — text-fig., bold — description