

INDEX

All generic, subgeneric, specific, subspecific, and varietal names in the text are included in the index. No attempt is made to indicate the validity of name combinations, as this may be ascertained from the check list, but cross references will facilitate the search for all entries of a given species.

- abacta*, *Gemmula*, 164
abbotti, *Spisula*, 108
ABDEROSPIRA, 125, 135
abscissa, *Schizodesma*, 106, 108
 Spisula, 106, 108
ACANTHINA, 125
ACANTHOCARDIA, 35
ACESTA, 57, 58
ACHARAX, 107
ACILA, 23, 24, 73
ACIRSA, 125
ACMAEA, 15, 125
ACRILLA, 125, 155
ACTAEON (see also **ACTEON**), 125
ACTEOCINA, 13
ACTEON, 15, 125, 126
acuella, *Melanella*, 170
acuminatum, *Agasoma*, 126
acutilineata, *Lucina*, 58
acutilineatus, *Phacoides*, 97
acutirostrata, *Pandora*, 79, 80
 Spisula, 108
adelaidana, *Turritella*, 11, 209
ADEORBIS, 126
ADMETE, 16, 126, 141
ADMETULA, 133, 203
adumbrata, *Marginella*, 169
adunca, *Crepidula*, 149
aedificata, *Turritella*, 209, 225, 226
aegilops, *Conus*, 147
aequicostatus, *Molopophorus*, 172
aequilateralis, *Fusus*, 161
 Pelecypora, 96, 120
 Pitaria, 101
 Spisula, 109
 Venus (see also *Pitaria*; *Pelecypora*), 96, 120
AEQUIPECTEN, 81, 82, 84, 85, 87, 88, 91, 93, 94
aequizonata, *Lucinoma*, 59
affinis, *Macoma*, 60, 61
AGASOMA, 126, 127, 146, 166, 167
AGNOCARDIA, 35
AGRIOPOMA, 32
AKERA, 127, 202
ALABINA, 13
alaeformis, *Corbula*, 39, 40, 55
 Leda, 55
alamadensis, *Pinna*, 99, 100
alamedensis, *Pinna*, 99
ALARIA, 127
alata, *Gari*, 50
 Sanguinolaria, 105
alba, *Cylichna*, 151
albaria, *Maetra* (see also *Spisula*), 63, 64
 Spisula, 109, 110
alcatrazensis, *Spisula*, 109
ALECTRION, 127
aleutica, *Natica*, 13
alexi, *Exputens*, 50
ALIA, 147
alizalis, *Mitra*, 171, 229
alizensis, *Surcula*, 196, 197
ALOIDIS, 39, 40, 41
alta, *Crassatella*, 42
 Dosinia, 48
 Littorina, 167
 Metis, 67
 Neverita, 179
 Paphia, 16
altacorona, *Turritella*, 209
altatemblorensis, *Ostrea*, 74
alternata, *Cerithiopsis*, 132, 142, 143
alternilineatus, *Pecten*, 81
alticosta, *Cardita* (see also *Venericardia*), 32
 Venericardia, 118, 119
altiobliguis, *Modiolus*, 68
altiplectus, *Pecten*, 81
altiplicatus, *Pecten*, 81, 87
altispira, *Cancellaria*, 137, 139
 Neptunea, 178
altuscollus, *Turris*, 208
ALVANIA, 127
alveata, *Amauroopsis*, 127, 128
 Natica (see also *Amauroopsis*), 128, 176
alveatus, *Amauroopsis*, 128
AMAURELLINA, 127, 128, 176
AMAUROPSIS, 127, 128, 129, 143
AMIANTIS, 24, 31, 46, 66
AMPHINERITA, 179
AMPHISSA, 13, 16, 129
AMPULINA, 129
AMPULLELLA, 129
AMPULLINA, 129, 167, 176
AMPULLOSPIRA, 129
AMPULOSPIRA, 129
AMUSIUM, 89

- ANADARA, 25, 26, 27, 28, 29, 30
 ANATINA, 25, 59
 ANCHURA, 129
 ANCILLA, 129, 130
 ANCILLARIA, 130
andersoni, *Cancellaria*, 138, 140, 189
 Chrysodomus (see also *Neptunea*), 144
 Crommium, 150, 176
 Lyria, 139, 169
 Macoma, 60
 Macrocallista, 62
 Natica (see also *Polinices*), 176
 Neptunea, 178
 Odostomia, 155, 181
 Pecten, 81, 85, 87, 94
 Polinices, 185
 Siphonalia, 135, 193
 Surcula, 196
 Turris, 208
 Turritella, 209, 210, 216, 217, 219, 220, 223, 224
angelana, *Cancellaria*, 138, 140
angelensis, *Priene*, 187
 Solenosteira, 195
anglonana, *Bullia*, 135
 Molopophorus, 135
angulata, *Pisania* (see also *Cantharus*), 184
angulatum, *Tivela*, 117
angulatus, *Cantharus*, 141, 184, 195
 Ficopsis, 157
annulata, *Lucinoma*, 13
annulatum, *Calliostoma*, 13
annulatus, *Phacoides*, 97
 Plagiostoma, 103
anomala, *Opalia*, 183
 Solenosteira, 195
 ANOMIA, 16, 25, 26
 ANTALIS, 123
antecedens, *Phacoides*, 97
 ANTIGONA, 26, 46
 ANTIPLANES, 13, 130, 195
antiquata, *Nassa* (see also *Molopophorus*), 172, 174
antiquatus, *Molopophorus*, 172, 174
antiquus, *Typhis*, 227
antiselli, *Drillia*, 153
 Nassa, 174
 Niso, 180
apicostatum, *Dentalium*, 123
 APOLYMETIS, 67
 APORRHAIIS, 130, 153
applinae, *Turritella*, 210, 225
applini, *Turritella*, 210
appressa, *Ostrea*, 74
 ARAEODACTYLUS, 130, 165
aragonia, *Megacardita*, 65
 Tellina, 113
 Venericardia (see also *Megacardita*), 119, 120
aratus, *Fusus*, 161
 ARCA, 26, 27, 28, 29, 30, 45
 ARCHITECTONICA, 130, 131
 ARCOPAGIA, 30
 ARCOPSIS, 27
arciata, *Macoma*, 60
arctatus, *Colus*, 147
arcumbona, *Cardium*, 33
arenaria, *Mya*, 70
aresta, *Margarites*, 15
 ARGOBUCCINUM, 131
arnoldi, *Argobuccinum*, 131
 Astrarium, 131, 198
 Bitium, 132
 Calliostoma, 136
 Cancellaria, 138
 Cantharus, 141
 Cerithium, 142
 Chrysodomus, 144
 Corbicula, 39
 Dosinia, 48
 Mytilus, 71
 Nassa (see also *Nassarius*), 174
 Nassarius, 176
 Natica, 176
 ARTENA, 26, 101
ascia, *Mytilus*, 71
ashburnerii, *Mactra*, 64, 109
ashleyi, *Cantharus*, 141
 Lirofusus, 167
 Ostrea, 74
aspera, *Turbonilla* (see also *Bitium asperum*), 207
 ASPERISCALA, 155, 191
asperum, *Bitium* (see also *Lirobitium*), 13, 132, 167, 207
 Lirobitium, 132, 167
 ASTARTE, 30, 42
 ASTRAEA, 15, 131, 132, 140, 183
 ASTRALIUM, 131, 132, 198
 ASTYRIS, 132, 146, 147
 ATRINA, 30
attenuata, *Spisula*, 109
atwoodii, *Ostrea*, 74
auburyi, *Pecten*, 4, 81
augustinensis, *Calliostoma*, 136
 AULOCOFUSUS (*AULACOFUSUS*), 147, 199
 AUSTROFUSUS, 193
avenalensis, *Pitar*, 100
 AVICULA, 30

- aviculaformis*, *Ostrea*, 74
aviculiformis, *Ostrea*, 74
avita, *Forreria*, 204, 206
avitum, *Trophon* (see also *Forreria avita*), 204
AXINAEA, 30, 31, 52, 53
- bacula*, *Leptothyra*, 16
baileyi, *Solen*, 107
bakeri, *Modiolus*, 68
BALCIS, 170
barbarensis, *Bitium*, 132
barbarensis, *Axinea*, 30, 31
 Bitium, 132
 Caryatis (see also *Pitar*), 35, 100
 Fusinus, 160
 Fusus, 161
 Glycymeris, 31
 Mitramorpha, 16
 Pitar, 35, 100
 Psephidia, 13, 104, 121
 Tritonalia, 13
barbati, *Cerithium*, 142
BARBATIA, 29, 31
barkeri, *Cancellaria*, 160
 Fossarus, 160
barkeriana, *Arca*, 26, 28
 Chlamys, 37
barkerianum, *Agasoma*, 126, 127
 Bruclarkia, 134, 176
barkerianus, *Pecten* (see also *Chlamys barkeriana*), 81
barlowi, *Saxidomus*, 105
BARNEA, 31
barrowsi, *Pinna*, 99
bartoni, *Trophon*, 204
bartschi, *Pecten*, 81
BATHYTOMA, 132, 185
bayerquei, *Cypraea*, 151, 152
 Eocypraea, 151, 152
beali, *Conus*, 147
 Mactra, 64
 Murex, 173
belri, *Fissurella*, 159
 Pitaria, 101
BELA, 132, 162, 198
belcheri, *Forreria*, 206
 Trophon, 204
bella, *Janira* (see also *Pecten bellus*), 55, 82
bellilamellatus, *Pecten*, 81
bellus, *Pecten*, 13, 55, 82, 83, 88, 94
BENOISTIA, 132
beringianus, *Pecten*, 16
biangulata, *Apolymetis*, 67
 Astraea, 131, 183
 Nerita, 179
 Pachypoma (see also *Astraea*), 131, 183
bicarina, *Turritella*, 210
bicarinata, *Siphonalia*, 193, 194
 Turritella, 210, 216
bicarinatum, *Calliostoma*, 136
bicuneata, *Pinna*, 99
bifida, *Nucula*, 73
biformatus, *Pecten*, 82, 91
bilineata, *Fasciolaria*, 157
bilineatus, *Pecten*, 82
bilirata, *Pandora*, 80
 Sphenia, 108
biloba, *Arca*, 26, 45
binominata, *Corbula*, 39, 41
 Periploma, 96, 97
biplicata, *Cuma* (see also *Molopophorus biplicatus*), 151, 172
 Olivella, 13
biplicatus, *Molopophorus*, 151, 172
bisculptata, *Philine*, 184
bisculpturata, *Spisula*, 109, 110
BITTIUM, 13, 16, 132, 133, 167, 207
blakeanum, *Cardium*, 33, 35
blakei, *Busycon* (see also *Perissolax*; *Pseudoperissolax*), 136
 Nassa, 174
 Perissolax, 183, 184, 188, 189
 Pseudoperissolax, 183, 188, 189
 Thais, 200
blakianus, *Phos*, 184
blandum, *Clinocardium*, 35
bösei, *Turritella*, 210, 211, 219
bolingerensis, *Cerithiopsis*, 142
BONELLITIA, 133, 140, 141, 203
borealis, *Lucina*, 58
BOREOSCALA, 155
BOREOTROPHON, 133, 206
BORNIA, 47
BORSONELLA, 133, 208
BORSONIA, 133
bastrychites, *Spondylus*, 111
boundeyi, *Bathytoma*, 132
bourgeoisii, *Ostrea*, 74
bournei, *Cancellaria*, 138
bowersi, *Pecten*, 82
BRACHIDONTES, 31, 68
BRACHYDONTES, 31, 68
BRACHYSPHINGUS, 133, 134
brainerdi, *Crassatellites*, 42
bramkampi, *Lucina*, 58
 Molopophorus, 172
 Turritella, 211

- branneri*, *Crassatellites*, 42
Glycymeris, 52
Pecten, 82
Potamides, 187
Potomides, 187
breaensis, *Astraea*, 131
Cantharus, 141
brevirostrata, *Spisula*, 109
brevis, *Turcica*, 207
brevitabulata, *Turritella*, 211, 218
brewerii, *Cardium* (see also *Plagiocardium*;
Schedocardia), 33, 102, 106
Plagiocardium, 33, 102, 106
Schedocardia, 33, 35, 102, 106
brioniana, *Spisula*, 109, 110
Venus, 120
brionianus, *Pecten*, 82
BRUCLARKIA, 125, 134, 146, 176
BUCCINANOPS, 134, 135
BUCCINOFUSUS, 134, 162, 181, 203
BUCCINUM, 133, 134, 135
BULBIFUSUS, 135
bulimoides, *Spirotropis*, 195
BULLA, 125, 135
BULLAEA, 135, 170
BULLARIA, 135, 151
BULLIA, 134, 135, 173
BULLINULA, 135
bulwaldana, see *buwaldana*
bunkerii, *Dosinia* (see also *Mercimonia*), 48
Mercimonia, 66
burroense, *Sycostoma*, 144
burroensis, *Ancilla*, 129
Chrysodomus (see also *Sycostoma*), 144
Sycostoma, 157
Turris, 208
BURSA, 135, 136, 197
BUSYCON, 136
butterworthi, *Cerithium*, 142
buwaldana, *Clathrodrillia*, 146
Diplodonta, 46, 47
Drillia (see also *Clathrodrillia*), 153
Ostrea, 74
Turritella, 212, 213, 226
buwaldi, *Chrysodomus*, 144
Glycymeris, (= *Glycymeris*), 51
Petricola, 97
Tritonium, 202
CADULUS, 123
caestus, *Turbinella*, 206
caffea, *Thalotia*, 201
Turcica, 207
cahillensis, *Leda*, 55
calabasasensis, *Calyptraea*, 137
Fusinus, 160
Volutilithes, 229
calafi, *Thiara*, 201
calafia, *Turricula*, 207
Venericardia, 119
calafium, *Dentalium*, 123
calamitus, *Pecten*, 82, 89
CALCARATA, 138
calcarea, *Arca*, 26
caleocia, *Amaurellina*, 127, 128
caleocius, *Conus*, 147
CALIAGALEODEA, 136, 163
CALICANTHARUS, 141
californiana, *Conus*, 147
Meretrix (see also *Pitaria*), 66
Nassa, 174, 175
Pitar, 66, 101
Pitaria (see also *Pitar*), 66, 101
Schizopyga (see also *Nassa*; *Nassarius*), 192
Volutilithes (*Volutilithes*), = 229
californianus, *Conus*, 147
Nassarius, 175
Pitar, 101
californica, *Ancilla* (see also *Cryptochorda*; *Oli-*
verato), 129
Benoistia, 132
Caliagaleodea, 136, 163
Callocardia, 32
Clavatulula (see also *Clavilithes californicus*),
146, 190
Clavella, 146
Conus, 147
Cryptochorda, 129, 142, 150
Cryptomya, 44, 60
Cumingia, 45
Cyrena, 39, 46
Epilucina, 13
Eulimella, 155, 181
Mazzalina, 135
Melongena, 170
Mitra, 146
Oliva, 182
Oliverato, 182
Ostrea, 74, 76
Pitaria, 101
Placunanomia, 102
Schizopyga, 192
Standella, 112
Strepsidura, 195
Tellina, 62, 113
Terebra, 199, 200
Transennella, 118
Venericardia, 119

- californicum*, *Gyrineum*, 164, 181, 203
Keilostoma, 166
Terebellum, 199
Tritonium (see also *Gyrineum*; *Nyctilochus*),
 164, 203
californicus, *Bulbifusus*, 135
Cantharus, 141
Clavilithes, 146, 181
Discohelix, 153
Fusus (see also *Clavilithes*), 161, 190
Molopophorus, 172
Nyctilochus, 181
Velates, 228
californiensis, *Harpa*, 165
Janiopsis, 166
calkinsi, *Chlamys*, 37, 82
Pecten (see also *Chlamys*), 82
callidus, *Pecten*, 82
 CALLIOSTOMA, 13, 15, 136, 137
 CALLIOVARICA, 137
 CALLISTA, 31, 46, 111
 CALLOCARDIA, 32
callosa, *Amiantis*, 24, 31
Callista (see also *Amiantis*), 31
Neverita, 179
 CALLUCINA, 97
 CALORHADIA, 32
 CALPITARIA, 100, 101
calvatula (see under *clavatula*),
 CALYPTOGENA, 32
 CALYPTRAEA, 137, 164, 204
caminoensis, *Megistostoma*, 170
 CAMPANILE, 137
campi, *Pitar*, 100
 CAMPTONECTES, 87
camuloensis, *Anadara*, 25
Arca (see also *Anadara*), 27
canalifer, *Ectinochilus*, 149, 154, 179, 191
canalifera, *Cowlitzia*, 148
Ectinochilus, 154
Rimella, 154, 191
Rostellaria (see also *Cowlitzia*; *Ectinochilus*;
Rimella), 149, 154, 191
canalis, *Arca*, 27
 CANCELARIA, 4, 137, 138, 139, 140, 141,
 160, 169, 174, 189
cancellarioides, *Trophon*, 204
cancellatus, *Mya*, 70
 CANTHARUS, 141, 142, 184, 195
cantuaënsis, *Bulla*, 135
capayana, *Corbula*, 37
Eosurcula, 154
Macrocallista, 62
Spisula, 109
capayense, *Tubulostium*, 195
capayensis, *Nucula*, 73
Spirogyphus, 195
carbonicola, *Cerithidea*, 142, 187
Potamides, 187
 CARDIOMYA, 32, 45, 46, 72
 CARDITA, 13, 16, 32, 33, 119, 120
 CARDIUM, 33, 34, 35, 72, 73, 102, 106
 CARICELLA, 142
 CARINACCA, 177
carinata, *Lacuna*, 13
Mitrella, 13
carisaensis, *Chorus* (see also *Trophon*), 143
Trophon, 204, 205
Turritella, 212, 221
carlosensis, *Corbicula*, 39
Megacardita, 65, 115
Spondylus, 111, 112
Venericardia, 65, 119
carlottensis, *Macoma*, 13
carnarosensis, *Yoldia*, 121
carpenteri, *Hipponix*, 166
Lacuna, 167
carpenteriana, *Balhytoma*, 132
Pleurotoma, 16
carquinensis, *Siphonalia*, 193
carrisaënsis, *Turritella*, 212, 218, 221
carrizoensis, *Anadara*, 25
Antigona, 26
Pecten, 82
Thais, 200
 CARYATIS, 34, 100
caryi, *Macrocallista*, 62
 CARYOCORBULA, 40, 41
casnaliense, *Bittium*, 132
 CASSIS, 142
castacana, *Tellina*, 113
castacensis, *Cypraea* (see also *Eocypraea*), 151,
 152
Eocypraea, 151, 152, 154
castrensis, *Acila*, 23
Nucula (see also *Acila*), 73
catacta, *Kellia*, 40, 55
catalinae, *Mitra*, 171
Pecten, 83
catalinense, *Bittium*, 13, 16
catilliformis, *Mactra*, 64
Pecten, 83
Spisula (see also *Mactra*), 54, 109, 110
caudata, *Priscoficus*, 187, 228
Urosyca (see also *Priscoficus*), 187, 228
caudatus, *Priscoficus*, 187, 228
caurina, *Lunatia*, 168

- caurinus*, *Patinopecten*, 13
Pecten (see also *Patinopecten*), 16, 83, 87, 90
 CAVILINGA, 59, 68
 CELATOCONUS, 171
 CEMORIA, 142
centifilosum, *Laevicardium*, 55
 CERASTODERMA, 33–35
 CERITHIDEA, 142, 187
 CERITHIOPSIS, 132, 142, 143
 CERITHIUM, 142, 143
 CERNINA, 129, 143, 177
cerrosensis, *Lyropecten*, 60
Pecten (see also *Lyropecten*), 83
chacei, *Moniliopsis*, 15
 CHALAMYS, see *CHLAMYS*
 CHAMA, 35, 36
chaneyi, *Nuculana*, 73
Turritella, 11, 213
chatsworthensis, *Fasciolaria*, 157
 CHEDVILLIA (= *CHEDEVILLIA*), 143
chehalisensis, *Malletia*, 65
Priscofusus, 187
 CHEMNITZIA, 143
 CHICOREUS, 143
 CHIONE, 24, 36, 37, 64, 112, 120, 121
 CHLAMYS, 13, 16, 37, 81, 82, 84, 87–93, 95–96
 CHLOROSTOMA, 143, 198, 199
 CHORUS, 143
 CHRYSODOMUS, 144, 145, 147, 157, 196, 229
churchi, *Alectrion* (see also *Nassarius*), 127
Nassarius, 175
cierboensis, *Boreotrophon*, 133
Chrysodomus (see also *Neptunea*), 144
Neptunea, 178
Ostrea, 75
Pecten, 83
 CINULIA, 145, 146, 202
 CIRSOTREMA, 155
clallamensis, *Ficus*, 158, 159
clarki, *Agasoma*, 126
Amaurellina (see also *Pachycrommium*), 127, 128
Arca, 27
Buccinanops, 134, 135
Bullia (see also *Buccinanops*), 134, 135
Gisortia, 164
Harpa, 165
Lima, 57
Lithophaga, 58
Mesalia, 170, 213
Pachycrommium, 128, 183
Paphia, 80
Periploma, 96
Pitar, 100
Surcula, 184, 196
Tagelus, 112
Trophon, 204, 205
Turritella, 213
Venericardia, 119
Vulsella, 121
clathrata, *Bela*, 132, 162, 198
 CLATHRODRILLIA, 146
 CLATHURELLA, 15, 16, 184, 185
clausa, *Natica*, 16, 176
 CLAVATULA, 146, 190
clavatula, *Cancellaria*, 138
 CLAVELLA, 126, 134, 146
 CLAVILITHES, 146, 181
 CLAVUS, 15, 141, 184, 208
claytonensis, *Crassatellites*, 43
Domenginella, 153, 197
Lima, 57
Olivella, 182
Scobinella, 192, 208
Turris (see also *Domenginella*; *Scobinella*), 192, 208
clementensis, *Mitra*, 171
Natica (see also *Polinices*), 176
Polinices, 185
 CLEMENTIA, 31, 37, 38, 120, 121
 CLIDIOPHORA, 38, 80
cliffensis, *Barbatia*, 31
Cerithium, 143
Corbula, 39
Drillia, 153
Spondylus, 112
Tivela, 117
 CLINOCARDIUM, 33, 34, 35, 38
coaequalis, *Surcula*, 196
coalingaensis, *Pecten*, 82, 83
coalingana, *Melanella*, 170
coalingense, *Calliostoma*, 136, 137
Trophon, 204
coalingensis, *Calliostoma*, 136
Chrysodomus, 144
Clavus, 146
Forreria, 204
Glycimeris, 51
Glycimeris (see also *Glycimeris*), 51, 52, 96
Mactra (see also *Spisula*), 64
Mytilus, 71
Nassa, 175
Pecten, 83
Pleurotoma (see also *Clavus*), 184
Septifer, 106
Spisula, 109
cognata, *Architectonica*, 130
cohi, *Surcula*, 196

- colemani*, *Cominella*, 147
collarum, *Perse*, 184
collarus, *Perse*, 184
collina, *Crassatella* (see also *Crassatellites*), 42
 Crassatellites, 43
collomi, *Thais*, 200
colmaensis, *Chrysodomus*, 144, 178
colmani, *Neptunea*, 178
colobus, *Platyodon*, 103
COLUMBELLA, 146, 147
COLUMBELLOPSIS, 172
columbiana, *Amphissa*, 13, 16
 Bruclarkia, 134
 Gari, 50, 114
COLUS, 144, 145, 147, 179
COMINELLA, 16, 147, 173
communis, *Amiantis*, 24
compacta, *Crassatella*, 42
 Lacuna, 16
compactus, *Pecten*, 16
comparsa, *Cylichna*, 151
complicata, *Corbula*, 39, 40
compressa, *Architectonica*, 130
COMPSONYAX, 13, 31, 55, 105
concava, *Syrnola*, 198
CONCHOCELE, 16, 38
concinna, *Murex*, 173, 174
condoni, *Cancellaria*, 138, 140, 141
 Thracia, 116
congesta, *Arca*, 27
 Tellina, 113
conica, *Turritella*, 213, 222
conradi, *Acila*, 23
 Dentalium, 123, 124
 Dosinia, 48
 Marcia (see also *Nitidavenus*), 65
 Nitidavenus, 73
conradiana, *Clathurella* (see also *Glyphostoma*),
 16
 Clementia, 37, 38
 Glyphostoma, 13
 Macrocallista, 62
 Marcia, 65
 Microcallista, 67, 112
 Tapes (see also *Macrocallista*; *Marcia*; *Micro-*
 callista), 67, 112
 Venus (see also *Clementia*), 120
constantia, *Columbella*, 146
contignata, *Ficus*, 158
contracta, *Modiola*, 68
CONUS, 147, 148, 198
convexa, *Natica*, 176
cooperi, *Cardium*, 34
 Cryptoconus, 150
 Dentalium, 123
 Drillia (see also *Cryptoconus*; *Turricula*),
 150, 153
 Ficopsis, 157
 Nucula, 73
 Pecten, 83, 88
 Pleurotoma, 150
 Pyramidella, 189, 190
 Pyramidellida, 190
 Terebra, 200
 Turricula, 150, 207
 Turritella, 13, 213, 219, 221
cooperiana, *Ficopsis*, 157, 161
cooperii, *Cardium*, 33, 34, 72
 Dentalium, 123
 Ficopsis, 157
 Fusus (see also *Ficopsis*), 157, 161
 Yoldia, 121, 122
coosensis, *Solena*, 108
 Spisula, 110
copelandi, *Macoma*, 60
cor, *Axinea* (see also *Glycimeris*), 30, 52, 53
 Glycimeris (= *Glycymeris*), 51
CORALLIOPHILA, 148
CORBICULA, 39, 46
CORBIS, 39, 41
corbis, *Cardium*, 33, 35
CORBULA, 39, 40, 41, 55, 57
CORDIERA, 148, 156
coreyi, *Turritella*, 213
corrugata, *Amphissa*, 16
 Ostrea, 75
corrugatum, *Perse*, 184
corylifforme, *Sinum*, 178, 193
COSTACALLISTA, 62, 63, 67
costata, *Araeodactylus*, 130
 Barnea, 31
 Cylichna (see also *Scaphander costatus*), 151,
 192
 Helicaulax, 130, 165
 Scaphander, 192
costatus, *Araeodactylus*, 165
 Scaphander, 151, 192
 Sigaretus, 192
costellata, *Calyptraea*, 137
 Trochita (see also *Calyptraea*), 203, 204
cowlitzensis, *Brachiodontes*, 31, 68
 Cantharus, 142
 Ficopsis, 158
COWLITZIA, 148, 149, 154, 191
crandalli, *Ostrea*, 75
crassa, *Cancellaria*, 138
 Hinnites, 4, 54, 84, 87
CRASSATELLA, 30, 42, 43, 44, 110

- CRASSATELLITES*, 15, 42, 43, 44, 110
crassatesta, see *crassitesta*,
crassicardo, *Pallium* (see also *Pecten*), 79
Pecten, 82, 83, 84, 87, 91
crassiplicatus, *Pecten*, 54, 84, 87
crassiradiatus, *Pecten*, 84
CRASSISPIRA, 146
crassitesta, *Retipirula*, 191, 207
Turbinella (see also *Retipirula*), 191, 206, 207
crassus, *Pecten*, 84
crawfordiana, *Cancellaria*, 138, 139, 140
crenatospira, *Fusiturricula*, 161
Surcula (see also *Fusiturricula*; *Turricula*), 196
Turricula, 207
CRENATURRICULA, 161, 196
crenulata, *Margaritella* (see also *Solariella*),
169, 194
Solariella, 169, 194
CREPIDULA, 13, 149, 150, 195
crenata, *Ficopsis*, 157
crenata, *Euhriofusus*, 156
cretacea, *Diplodonta*, 47
Lucina (see also *Diplodonta*; *Phacoides*), 58
Mitra (see also *Uromitra*), 171
Nassa (see also *Molopophorus cretaceus*), 172,
175
Neptunea, 129, 178
Phacoides, 97
Tapes, 112
Uromitra, 228
cretaceus, *Molopophorus*, 172, 175
crispata, *Purpura*, 189
crispatus, *Thais*, 200
CRISPOSCALA, 155
CROMMIUM, 150, 176
crooki, *Molopophorus*, 172
Nerita, 179
Pitar, 100
Siphonalia, 193
Tellina, 113
Turritella, 213
crucibuliformis, *Cemoria* (see also *Diadora*), 142
Diadora, 142, 152
cryptia, *Periploma*, 96
CRYPTA, 149, 150
CRYPTOCHORDA, 129, 142, 150, 182
CRYPTOCONUS, 150, 153, 207
cryptolineata, *Chione*, 36
CRYPTOMYA, 44, 45, 60, 70
CRYPTONATICA, 177
CUCULLAEA, 26, 45
CUCULLAEARCA, 31
culcitella, *Acteocina*, 13
Tornatina (see also *Acteocina*), 16
CUMA, 151, 172
CUMIA, 151
CUMINGIA, 16, 45
cumulata, *Lucina* (see also *Phacoides*), 58
Phacoides, 97
CUNEARCA, 27, 29
CUNECORBULA, 41, 45
curtus, *Solen*, 107
CUSPIDARIA, 45, 46
cuyamanus, *Trophon*, 204
CYATHODONTA, 46
CYCLAS, 46
CYCLINELLA, 46, 48, 66
CYCLOCARDIA, 119
cylostoma, *Skenea*, 15
CYLICHNA, 151, 192
CYLICHNELLA, 151
CYLICHNINA, 151
CYLICHNOPSIS, 151
cylindrica, *Psammobia*, 103
CYMATIUM, 151, 202
CYMATOSYRINX, 146
CYMBOPHORA, 46, 64
CYPRAEA, 151, 152
CYPRAEORBIS, 152
CYPRINELLA, 46
CYRENA, 39, 46
CYTHEREA, 46
dalli, *Acila*, 23
Amiantis, 24
Cardium, 34
Chlorostoma, 143
Fossarus, 160
Hemifusus, 165
Meretrix, 66, 101
Molopophorus, 172
Murex (see also *Tritonalia*), 173
Nucula (see also *Acila*), 73
Searlesia, 192
Tritonalia, 202
dalliana, *Cancellaria*, 4, 138
DALLOCARDIA, 34, 118
danvillense, *Homalopoma*, 167
danvillensis, *Leptothyra*, 167
Siphonalia, 193, 194
Tegula, 198
daviesi, *Trophon*, 205
davisi, *Tellina*, 113, 114, 116
davisiana, *Potamides*, 162, 187
Surcula, 196, 198
decipiens, *Pleurotoma* (see also *Surcula*; *Surcu-*
lites), 184, 196

- Surcula*, 196, 198
Surculites, 198
decisa, *Acila*, 23, 24
Meretrix, 66
Nucula (see also *Acila*), 73
decussata, *Ficus*, 158
DELECTOPECTEN, 46, 54, 79, 87, 89, 92, 103
delicatina, *Tivolina*, 118
delosi, *Puncturella*, 16
denominata, *Leda*, 55, 56
densa, *Macrocallista*, 62
densata, *Maetra*, 64
Mulinia (see also *Maetra*; *Pseudocardium densatum*), 69, 70, 104
densatum, *Pseudocardium*, 69, 104
DENTALIUM, 123, 124
dentata, *Zirphaea*, 122
deserti, *Pecten*, 84, 88, 93
devincta, *Arca*, 27, 28, 30
diabloense, *Calliostoma*, 136
diabloensis, *Calliostoma*, 136
Calyptraea, 137
Chione, 36
Chrysodomus, 144
Cyrena, 46
Cytherea, 46
Gemmula, 164
Macoma, 60
Natica, 176
Pecten, 84, 86
Pitar, 100
Strepsidura, 195
Tellina, 113
Thais (see also *Trophon*), 200
Tivela, 117
Trophon, 205
diaboli, *Corbula*, 39
Exilia, 156, 161
Fusus (see also *Exilia*), 161
Ostomia, 181
Phacoides, 97
Semele, 106
DIADORA (= DIODORA), 142, 152
dibitata, *Solariella*, 194
dichotomus, *Mytilus*, 71
Septifer (see also *Mytilus*), 106, 107
dicipiens, see *decipiens*
dickersoni, *Cardium*, 34
Corbula, 40
Elimia, 154
Mya, 70
Pecten, 84
Semifusus, 192
Sinum, 129, 193
Trophon, 202, 205
diegensis, *Pecten*, 84
diegoana, *Calyptraea*, 137, 164
Corbula, 40
Maetra, 64
Narica, 174
Tellina, 113
Trochita (see also *Calyptraea*), 4, 204
diegoensis, *Buccinofusus*, 134, 203
Chrysodomus, 144
Lucina, 59
Nyctilochus, 181
Psammobia, 103
Solen, 107
Tritonium (see also *Buccinofusus*; *Nyctilochus*), 134, 203
dilatata, *Corbula*, 39, 40
dilatatum, *Bitium*, 132
dilleri, *Pecten*, 85
Pseudoliva, 188
diminutiva, *Crepidula*, 149
DIODORA, 160
DIODUS, 46
DIPLODONTA, 46, 47, 58
directus, *Modiolus*, 68
dirus, *Chrysodomus*, 145
DISCOHELIX, 153
discus, *Architectonica*, 130
Pecten, 81, 85
disjuncta, *Conchocele* (see also *Thyasira*), 16, 38
Thyasira, 117
DITRUPA, 123
DIVARICELLA, 47, 58
dolabraeformis, *Cardiomya*, 32, 72
Cuspidaria, 45
Neaera (see also *Cardiomya*; *Cuspidaria*), 32, 72
DOLICHOTOMA, 150, 185
domenginei, *Pleurotoma*, 185
DOMENGINELLA, 153, 192, 197, 208
domenginensis, *Homalopoma*, 166
Tellina, 113
dominginica, *Cardiomya*, 32
Corbula, 40, 41
Fusiturricula, 161
Macrocallista, 62, 63, 67
Natica, 176
Ranella, 190
Venericardia, 118
domenginicus, *Solen*, 107
DONAX, 47, 48
dorrancei, *Tritonalia*, 202
DOSINELLA, 48, 49
DOSINIA, 37, 46, 48, 49, 50, 67, 120

- DOSINIDIA*, 49, 50
DOSINIOPSIS, 50
DREPANOCHILUS, 130, 153
DRILLIA, 133, 153, 154, 208, 209
dubia, *Coralliophila*, 148
 Lacinia (see also *Coralliophila*), 167
dubiosa, *Tegula*, 132, 198
dubitata, *Gastrochaena*, 51
dumbleana, *Phos*, 184, 185
dumbei, *Bittium*, 132
 Cerithiopsis (see also *Bittium*; *Cerithium*), 142
 Cerithium, 142, 143
 Corbicula, 39
 Cyrena (see also *Corbicula*), 46
 Fusus, 162
 Pleurotoma, 184, 185
dunnensis, *Odontostomia*, 181
 Solemya, 107
 Turbonilla, 207
duttonae, *Jupiteria*, 55

eatonii, *Neptunea*, 178
eba, *Arca*, 27
eburnea, *Divaricella*, 47
ECTINOCHILUS, 149, 154, 179, 191
edentula, *Gari*, 50, 107
 Psammobia, 103, 104
 Siliquaria (see also *Gari*; *Psammobia*), 50, 107
edmondi, *Purpura*, 189
eelense, *Epitonium*, 155
efferrum, *Epitonium*, 155
effiae, *Alabina*, 13
effingeri, *Tornatellaea*, 202
EGESTA, 37, 38, 121
egregius, *Pecten*, 85
eldridgei, *Murex* (see also *Purpura*), 173
 Ostrea, 75, 79
 Pecten, 85
 Purpura, 189
elegans, *Mactra*, 64
 Septifer, 107
 Turbella, 206
elevata, *Cyclinella*, 46, 48, 66
 Dosinia (see also *Cyclinella*), 46, 48
ELIMIA, 154
elliptica, *Tornatella*, 201
elodiae, *Cancellaria*, 138
elongata, *Ancillaria*, 130
 Clementia, 38
elongostrata, *Leda*, 55
elsmerense, *Gyrineum*, 165, 203
elsmerensis, *Cancellaria*, 139
 Cantharus, 142
 Chione (see also *Venus*), 36

 Haliotis, 165
 Lora, 168
 Thais, 200
 Turris (see also *Lora*), 208
 Venus, 120
elusa, *Arca* (see also *Trigonodesma*), 27
 Trigonodesma, 118
emigdioensis, *Pecten*, 85
enamellata, *Solariella*, 194
encinalis, *Gemmula*, 164
ENDOPACHYCHILUS, 142
englekyyi, *Ostrea*, 75
englishi, *Anchura*, 129
 Tellina, 113
ENNUCULA, 73
EOCANTHARUS, 142
eocenica, *Glycymeris*, 52
 Myadesma, 71
eocenicum, *Tritonium*, 203
eocensis, *Calliovarica*, 137
EOCERNINA, 129, 143, 177
EOCITHARA, 165
EOCYPRAEA, 151, 152, 154, 183
eodiscus, *Periploma*, 96
eomagna, *Voluta*, 228
EOMERETRIX, 50
EOMILTHA, 67
EOPLEUROTOMA, 154, 164
eorex, *Nerita*, 179
EOSOLEN, 108
EOSURCULA, 154
EOTIBIA, 201
eoundulata, *Gari*, 51
EPILUCINA, 13
EPITONIUM, 155, 191
EPONA, 152
EQUIPECTEN, 93
equistriata, *Turritella*, 213, 215
ericellus, *Pecten*, 85
erici, *Pecten*, 85
erratica, *Tornatina*, 202
estrallensis, *Spondylus*, 112
estrellana, *Cyclas*, 46
 Panopea, 80
estrellanum, *Pallium* (see also *Pecten estrellanus*),
 60, 79
estrellanus, *Glycymeris*, 51
 Liropecten (see also *Pecten*), 58
 Pecten, 60, 79, 83, 85, 86, 94
 Spondylus, 112
etcheگوينense, *Calliostoma*, 136
etcheگوينensis, *Calliostoma*, 136
 Thais, 200
etcheگويني, *Pecten*, 86, 91, 95

- etheringtoni*, *Pyramidella*, 190
Turritella, 213, 226
EUCLIA, 140, 141
eucorrugata, *Ostrea*, 75
EUCRASSATELLA, 44
EULIMA, 155, 170
EULIMELLA, 155, 181
eurekaensis, *Chrysodomus* (see also *Neptunea*), 144
Neptunea, 178
Volutoptusius, 229
EUSPIRA, 156, 168, 176, 177, 185, 186
EUSPIROCROMMIUM, 127
EUTHRIOFUSUS, 156
EVALEA, 181
evermanni, *Glycymeris*, 52
evoluta, *Tornatina*, 202
excavata, *Apolymetis*, 67
Lucina, 59
Metis, 67
excentricus, *Galerus*, 137, 164
EXILIA, 148, 156, 157, 160, 161, 185, 209
EXILIOIDEA, 13, 145, 157
exilis, *Aporrhais* (see also *Drepanochilus*), 130, 153
Drepanochilus, 130, 153
exogyra, *Pseudochama*, 13
exoleta, *Teinostoma*, 199
expansus, *Mytilus*, 71
Pecten, 86, 87
EXPUTENS, 50

fabata, *Leda*, 56
fabulator, *Fusinus*, 160
faïrbanksi, *Surcula*, 196
falcata, *Spisula*, 109, 110
FALSIFUSUS, 157, 209
FASCIOLARIA, 178, 229
fausta, *Exilia*, 156
Semele, 106
FELANIELLA, 47
FELICIA, 58
fergusoni, *Cancellaria*, 139
Conus, 147
FERMINOSCALA, 125, 155
fernandoana, *Bathytoma*, 132
fernandoense, *Trachycardium*, 34
fernandoensis, *Cancellaria*, 138, 139, 141
Cardium, 34
Chione (see also *Venus*), 36
Cypraea, 152
Pecten, 86
Spirotropis, 195
Turris, 208

Turritella, 213
Venus, 120
Zonaria, 152
fettkei, *Ostrea*, 75
fiasco, *Natica*, 176, 180
fibrata, *Mangilia*, 169
ficoides, *Whitneyella*, 229
FICOPSIS, 157, 158, 161, 162
FICUS, 126, 127, 158, 159, 198, 206
ficus, *Strepsidura*, 195, 229
Whitneya (see also *Strepsidura*), 195, 229
filosa, *Calyptraea*, 137
Mitramorpha, 16
Trochita (see also *Calyptraea*), 204
fishii, *Ancilla*, 129
Ancillaria (see also *Ancilla*), 130
FISSURELLA, 159
FISSURIDEA, 160
flabellata, *Volsella*, 121
flangella, *Umpquaia*, 227, 228
fleenerensis, *Antiplanes*, 130
Boretrophon, 133
Drillia (see also *Antiplanes*), 153
flexuosus, *Fusus*, 161
folgeri, *Thyasira*, 117
formosa, *Thracia*, 117
FORRERIA, 143, 160, 204, 205, 206
fortis, *Cantharus*, 195
Pisania, 184
fortunasensis, *Tritonofusus*, 203
FOSSARUS, 160
fossatus, *Nassarius*, 13
fragilis, *Murex*, 173
franklini, *Corbula*, 40
fremonti, *Pyramidella*, 190
fresnoensis, *Calorhadia*, 32
Cypraea, 152
Cypraeorbis, 152
Glycymeris, 51
Glycymeris (see also *Glycymeris*), 51, 52
Leda (see also *Calorhadia*), 56
Pleurofusua, 184
Pleurotoma (see also *Pleurofusua*; *Turris*), 185, 196
Turris, 208
freudenbergi, *Ostrea*, 75
freya, *Turritella*, 213, 227
fucanus, *Pecten*, 86
fugleri, *Cancellaria*, 139
FUGLERIA, 31
funerbralis, *Tegula*, 16, 199
furlongi, *Ficopsis*, 158
Leda, 56
Macrocallista, 63

- fusififormis*, *Cadulus*, 123
Tritonium, 203
FUSINUS, 144, 160, 161, 162, 209
FUSITRITON, 131, 161, 187
FUSITURRICULA, 161, 196
FUSUS, 157, 158, 161, 162, 163, 189, 190, 198, 229
futheyana, *Oliva*, 182
- gabbi*, see also *gabbii*
gabbi, *Anchura*, 129
Ancilla, 130
Brachysphingus, 133, 134
Cadulus, 123
Heteroterma, 166
Leda, 56, 57
Meretrix (see also *Pelecypora*), 66
Modiolus, 68, 69
Natica, 176
Pandora, 38, 80
Pecten, 84, 86
Pelecypora, 96
Perissolax, 184
Philine, 170
Pholas, 99
Tivela, 117
- gabbiana*, *Acila*, 23
Corbicula, 39, 46
Eulimella (see also *Melanella*), 155
Melanella, 170
Poromya (see also *Psamosolen*), 103
Psamosolen, 104
Trophon (see also under *gabbianus* and *gabbianum*), 205
- gabbianum*, *Bullaea* (see also *Megistostoma*), 135, 170
Megistostoma, 170
Trophon, 205
- gabbianus*, *Solecurtus*, 104
Trophon, 205
- gabbii*, *Cardium* (see also *Pseudocardium*), 34
Corbula, 39, 40, 57
Leda (see also *Saccella*), 56, 57, 105
Nuculana, 57
Pseudocardium, 69, 104
Saccella, 56, 57, 105
- gabiotensis*, *Maetra*, 64
GADINA [= **GADINIA**], 163
GADINIA, 163
galeana, *Mitromorpha*, 15
galei, *Arca*, 27
GALEODEA, 163, 173, 195
GALERUS, 16, 137, 164
gallina, *Tegula*, 199
GARI, 50, 51, 103, 104, 107, 114
- garzaensis*, *Amaurellina*, 127
GASTROCHAENA, 51
gausapata, *Terebra*, 200
gayi, *Semele*, 106
gaylordi, *Lucina*, 59, 97
Phacoides (see also *Lucina*), 59, 97
GEMMULA, 164, 197, 208
generosa, *Glycimeris*, 51
Panope, 13, 80
Panopea (see also *Glycimeris*; *Panope*), 80
geniculata, *Bruclarkia*, 126, 133
Natica, 176
gesteri, *Ficus*, 158
Natica (see also *Polinices*), 176
Polinices, 186
Surcula, 153, 197
Turbonilla, 207
Yoldia, 121
- gettysburgensis*, *Acila*, 23
gibbiformis, *Corbula*, 40
gibbosus, *Brachysphingus*, 133
Polinices, see *P. globosa*,
Saxidomus, 105, 118
giganteus, *Hinnites*, 54
Pecten (see also *Hinnites*), 54, 86, 87, 112
- gilberti*, *Cantharus*, 142
Siphonalia (see also *Cantharus*), 194
gillulyi, *Trophon*, 205
GISORTIA, 164
globosa, *Neverita*, 176, 179, 180, 186
Polinices, 186
GLOBULARIA, 129
GLYCIMERIS, 51
GLYCYMERIS, 11, 30, 31, 51, 52, 53, 54, 96
GLYPHOSTOMA, 13
GLYPTOACTIS, 118, 119
GNATHODON, 54
gonicostus, *Pecten*, 87
goniglensis, *Perna*, 97
GONIOBASIS, 143
goodwini, *Conus*, 147
gracilior, *Admete*, 126
gracilis, *Neptunea*, 178
Trophon, 204, 205
gracillima, *Cordiaera*, 148
graciosa, *Drillia* (see also *Moniliopsis*), 153
Moniliopsis, 13, 173
gradata, *Astraea*, 131
grandior, *Acteon*, 125
Mitrella, 172
grandis, *Crassatella* (see also *Crassatellites*), 42
Crassatellites, 43
granti, *Crassatellites*, 43
Opalia, 183

- Placumanomia*, 102
Spisula, 110
granianum, *Calliostoma*, 15
grata, *Venerupis*, 120
gravida, *Agasoma*, 126, 146
Bruclarkia, 126, 134, 146
Clavella (see also *Bruclarkia* and *Agasoma gravidum*), 134, 146
gravidum, *Agasoma*, 126
gravidus, *Solen*, 107
greenellum, *Campanile*, 137
grewingki, *Glycimeris*, 51
greywinki, *Glycimeris*, see *G. grewingki*,
griswoldensis, *Cuneocorbula*, 45
Odstomia, 181
GRYPHAEA, 54
guibersoni, *Pleurotoma*, 185
guindana, *Gemmula*, 164
gyrata, *Dosinia* (see also *Miltha*), 48, 67
Miltha, 67
GYRINEUM, 164, 165, 181, 203
GYRODES, 129, 165, 177, 178
- hailensis*, *Ostrea*, 78
haleyi, *Ostrea*, 54, 75
HALIOTIS, 165
HALONANUS, 27, 54, 118
hamelini, *Anadara*, 27, 29
Arca, 27
hamiltoni, *Pecten*, 87
HAMINEA, 165
hamlini, *Cancellaria*, 139
Lima, 57
Mytilus, 71, 72
Nassa, 175
Pecten, 87
hannabali, see *hannibali*
hannai, *Anomia*, 25
Lucina, 59
Turritella, 213, 227
hannibali, *Ampullina*, 129
Cernina, 129, 143, 176, 177
Cuspidaria, 45
Glycimeris, 51
Lyria, 169
Natica (see also *Ampullina*; *Cernina*), 176, 177
Paphia, 80
Tellina, 113
harfordi, *Diplodonta*, 47
harfordus, *Pecten*, 87
HARPA, 165
harrisi, *Corbula*, 40, 55
Cumia, 151
Metula (see also *Cumia*), 171
hartleyense, *Plagiocardium*, 102
hartleyensis, *Cardium* (see also *Plagiocardium*),
 34
Drillia, 153
Solariella, 194
HARVELLA, 64
hasellinei, *Lima*, 57
hastata, *Chlamys*, 13, 81
hastatus, *Pecten* (see also *Chlamys hastata*), 16, 87
HAUSTATOR, 221
hawleyi, *Arca*, 27
Chrysodomus (see also *Neptunea*), 144
Neptunea, 16
Pecten, 87
Xenophora, 229
hayesi, *Conus*, 147
healeyi, *Pecten*, 86, 87, 89
hecoxae, *Prisicofusus*, 162
hecoxi, *Fusinus*, 160
Fusus (see also *Fusinus*), 162
heermannii, *Ostrea*, 75
Pecten, 83, 87
HELICLAULAX, 165
HEMICONUS, 147
HEMIFUSUS, 157, 158, 161, 162, 163, 165, 166
HEMIMACTRA, 54, 110
hemisecta, *Neverita*, 180
hemphilli, *Cancellaria*, 139
Epitonium, 155, 191
Pecten, 82, 87, 88
Scalaria (see also *Epitonium*), 191
Spisula, 110
Turbonilla, 207
Turritella, 214
HERE, 59, 98
herndonensis, *Tellina*, 113
hertleini, *Exilioidea*, 145, 157
Pecten, 88
Pteria, 104
HETEROCLIDUS, 80
HETEROTERMA, 166
HINNITES, 4, 54, 84, 86, 87
HIPPONYX [=HIPPONIX], 166
hodgei, *Pecten*, 88
hoffmannii, *Turritella*, 214, 215
holwayi, *Pecten*, 88
Surcula, 197
HOMALOPOMA, 166, 167, 173
hondana, *Nuculana*, 74
hornii, *Abderospira*, 125, 135
Antigona, 26
Arca (see also *Halonanus*; *Trigonodesma*), 27,
 28, 54
Architectonica, 130

- hornii*, *Bulla* (see also *Abderospira*), 125, 135
Bursa, 135
Cardita (see also *Venericardia*), 32, 119
Conus, 147, 148
Corbula, 40
Ficopsis, 158, 162
Fusus (see also *Ficopsis*), 158, 162
Gari, 51
Halonanus, 27, 54
Lumatia (see also *Natica*; *Polinices*), 168, 186
Macrocallista, 63
Megacardita, 65
Meretrix (see also *Antigona*; *Macrocallista*;
Pitar), 63, 66, 100, 102
Natica, 177
Nyctilochus, 146, 181
Olequahia, 182, 194, 203
Pitar, 100
Polinices, 168, 186
Polynices, 186
Psammobia, 104
Tellina (see also *Gari*; *Psammobia*), 50, 51, 114
Trigonodesma, 118
Tritonium (see also *Bursa*; *Nyctilochus*; *Ole-*
quahia), 182, 203
Venericardia, 32, 119
hotsoni, *Polinices*, 186
howardi, *Molopophorus* (see also *Pseudoliva*), 172
Pseudoliva, 188
Strepsidura, 195
Tellina, 114
howei, *Mangilia*, 169
Megasurcula, 170
Mitramorpha, 172
Pteria, 104
howelli, *Ostrea*, 75, 76
hulini, *Marginella*, 170
humerosa, *Neptunea* (see also *Cantharus humero-*
sus), 178
humerosus, *Cantharus*, 141, 142
humerus, *Mytilus*, 72
HUMILARIA, 13, 65
HYALOPecten, 54
hydei, *Pecten*, 88, 93

idae, *Tellina*, 114
idriaensis, *Ostrea*, 75, 76
Tivolina, 118
imleri, *Yoldia*, 16
impavida, *Arca*, 28
imperialis, *Chrysodomus* (see also *Neptunea*), 144
Neptunea, 178
Rapana, 190, 206
Turritella, 214

impostor, *Pecten*, 88, 93
impressa, *Yoldia*, 121
impressum, *Tritonium*, 203
incisa, *Monilioopsis*, 173
incognita, *Macrocallista*, 63
Mya, 70
inconspicua, *Anomia*, 25
Surcula (see also *Tessarolax*), 197, 200
Tessarolax, 197, 200
inconsians, *Surcula* (see also *Turris*), 197
Turris, 164, 208
inculta, *Borsonia*, 133
indianorum, *Eplonium*, 155
inequalis, *Clementia*, 38
inezana, *Natica*, 177
Pachydesma (see also *Tivela*), 79
Spondylus, 112
Tivela, 112, 117, 118
Turritella, 209, 210, 213, 214, 215, 216, 221,
222, 223, 224, 227
inezensis, *Mytilus*, 72
Tapes, 112
ineziana, see *inezana*
infera, *Turritella*, 216
inflata, *Lucinoma*, 59, 97
Phacoides (see also *Lucinoma*), 97
infragramulata, *Turritella*, 216
iniqua, *Nassa*, 175
injucundus, *Cryptocomus*, 150, 153, 207
inopia, *Mya*, 44, 70, 71
inornata, *Calyptraea*, 137
Crepidula, 149
Placunanomia (see also *Pododesmus*), 102
Pseudoliva, 188
Trochita (see also *Calyptraea*), 137, 204
inornatus, *Chlorostoma*, 143
Pododesmus, 103
inquinata, *Macoma*, 60
insecuris, *Gyrodus*, 129, 165, 177
insignifica, *Odostomia*, 181
instabilis, *Glycymeris*, 30, 52, 53
insulsa, *Turritella*, 216
insurana, *Tellina*, 113, 114, 116
intensus, *Phacoides*, 98
interradiatum, *Propeamussium*, 88, 103
interradiatus, *Pecten* (see also *Propeamussium*),
88, 103
intica, *Pitaria*, 101
invalidus, *Pecten*, 83, 88
io, *Fasciolaria* (see also *Nekewis*; *Surcula*), 157,
178
Nekewis, 157, 178
Surcula, 196, 197

- ioformis*, *Nekewis*, 136
 Surcula, 136, 197
ionensis, *Venericardia*, 120
irelaniana, *Cancellaria*, 139, 169
 Narona, 139, 174
iridescens, *Ostrea*, 75, 76
IRUS, 54
irus, *Macoma*, 60
ISOCARDIA, 54, 55
israeli, *Cuspidaria*, 45

jacalitosana, *Dosinia*, 48
 Macoma, 60
 Thracia, 117
jacalitosensis, *Dosinia*, see *D. jacalitosana*,
 Paphia, 80
JANIOPSIS, 166, 202
JANIRA, 55, 82, 83, 84, 88, 94
japonica, *Mya*, 16, 70
JATON, 173, 189
joaquinensis, *Cancellaria*, 139
 Megacardita, 65
 Pedalion, 96
 Pitar, 100
 Tellina, 114
 Transennella, 118
johnsoni, *Drillia*, 153
 Margarita, 169
 Solemya, 107
jolla, *Bullaria*, 135, 151
jollaensis, *Tellina*, 114
jordani, *Chlamys*, 13
 Pecten, 16
 Pteria, 104
JOUANNETIA, 55
juanensis, *Chione*, 36
 Conus, 148
jugularis, *Bulla* (see also *Scaphander*), 135
 Scaphander, 192
juliana, *Turritella*, 216
JUPITERIA, 55

karquinesensis, *Thracia*, 117
KATHERINELLA, 55
keepi, *Pecten*, 88
 Pleurotoma, 185
KELOSTOMA, 166
KELLETTIA, 144, 166, 193, 194, 201
kelletti, *Kelletia*, 166
KELLIA, 40, 41, 55
kelloggensis, *Tivela*, 118
kelloggi, *Antigona*, 26
kemperae, *Cypraea*, 152
 Propustularia, 152

kennerlyi, *Venus*, 120
kerica, *Macoma*, 60
kernensis, *Chrysodomus*, 144
 Mangilia, 169
 Pecten, 88, 89
 Pholadomya, 99
 Trophon, 205
 Turbonilla, 207
kerniana, *Cypraea*, 152
 Sulcocypraea, 152
kernianum, *Agasoma* (see also *Trophosycon*), 126
 Trophosycon, 206
kerri, *Calliostoma*, 136
kettlemanensis, *Thais*, 200, 201
kewi, *Gyrineum*, 165
 Mytilus, 72
 Nyctilochus (see also *Gyrineum*), 181
 Tellina, 114
 Turritella, 216
kirbyi, *Latirus*, 167
 Pseudoliva, 188
 Urosalpinx, 228
 Voluta, 228
kirkensis, *Columbella*, 147
 Natica, 177
 Polinices, 186
 Turris, 208
kirkerensis, *Actaeon*, 125
 Cardium, 34
 Modiolus, 68
 Polinices, see *Natica kirkensis*, *P. kirkensis*,
KLEINACTEON, 125, 166
KOILOPLEURA, 127, 166, 167
koticki, *Haliotis*, 165
kreyenhageni, *Janiopsis*, 166
 Tritonidea (see also *Janiopsis*), 202

LACINIA, 167
LACUNA, 13, 16, 167
LACUNARIA, 129, 165, 167, 177, 193
ladrilloensis, *Surcula*, 197
LAEVICARDIUM, 55
LAEVIDENTALIUM, 123
laevis, *Pecten*, 82
LAEVITYPHUS, 227
laeviuscula, *Fasciolaria*, 157
lagunanus, *Modiolus*, 68
lahondaensis, *Chlorostoma*, 143
lajollaensis, *Acila*, 23, 24
 Amaurellina, 128
 Kellia, 55
 Pecten, 89
 Pejona [= *Plejona*] (see also *Volutocristata*;
 Volutospira), 183, 184

- lajollaensis*, *Tejonina*, 199
Trichotropis, 202
Volutocristata, 183, 229
Volutospira, 229
lakei, *Arca*, 28
LAMELLICONCHA, 100
lamellosa, *Cumingia*, 16
Thais, 189, 200
LAMPUSIA, 151
LARKINIA, 27, 29, 30
lasia, *Haliotis*, 165
Phreagena, 99
latilaminosa, *Chione*, 36
LATJURUS, 167
latrania, *Pinna*, 99
latus, *Donax*, 47
Saxidomus, 105
lawsoni, *Actaeon*, 125
Calliostoma, 136
Chrysodomus (see also *Neptunea*), 144
Dosinia, 48
Modiolus, 68
Neptunea, 178
Pecten, 89
Trophon, 205
Turritella, 210, 216, 217, 220, 223
Voluta, 229
Volutocorbis, 229
lebecki, *Tellina*, 114
lecontei, *Gnathodon*, 54
LEDA, 39, 40, 55–57, 74, 105
LEDINA, 55
lecta, *Vitrinella*, 228
lenticularis, *Hemimactra* (see also *Spisula*), 54,
110
Spisula, 54, 110
leptisma, *Acmaea*, 15
LEPTEGOUANA, 170
LEPTOTHYRA, 16, 167
letzia, *Turbonilla*, 207
LEVIFUSUS, 160, 161
levis, *Pecten*, 82, 89
lewisi, *Pinna*, 100
lewisi, *Gyrineum*, 165
Lumatia, 168
lichana, see *lickana*,
lickana, *Cancellaria*, 139
lighti, *Dentalium*, 123
ligminuta, *Ostrea*, 76
ligna, *Microsurcula*, 171
lignitica, *Calliostoma*, 137
ligniticum, *Calliostoma*, 137
ligniticus, *Tectarius*, 198
hillisi, *Crassatellites*, 43
Delectopecten, 46, 89, 92
Eomereatrix, 50
Pecten, 49, 89
LIMA, 57, 58
lima, *Purpura* (see also *Thais*), 138, 189
Thais, 201
LIMATULA, 58
limatula, *Anomia*, 16
LIMOPSIS, 31, 58
lincolnensis, *Exilia*, 156
Fusinus (see also *Exilia*), 160
Strepsidura, 196
lindavistaensis, *Surcula*, 197
lineata, *Natica*, 129, 165, 177
Pseudoliva, 188
Siphonalia, 194
lineatus, *Fusinus*, 160, 161
Fusus, 161
lineolata, *Chione*, 36
LINGA, 59, 98
linteatum, *Tapes*, 112
linteum, *Cardium* (see also *Nemocardium*), 33, 34
Nemocardium, 33, 72, 73
liratum, *Buccinum* (see also *Brachysphingus*
liratus), 133, 134
liratus, *Brachysphingus*, 133, 134
LIROBITTIUM, 132, 167
LIROFUSUS, 167
LIROPECTEN, 58, 84
LIROPHORA, 36
LITHOPHAGA, 58
LITORHADIA, 32
LITTORINA, 4, 167
lajasensis, *Exilia*, 156
Exputens, 50
Tibia, 201
lohri, see *lohri*
loeli, *Amiantis*, 24
Mytilus, 71, 72
Ostrea, 76, 77, 78
lohri, *Pecten*, 89, 91
lolakensis, *Acrilla*, 125
lompicoensis, *Pecten*, 89
lomitensis, *Crassatellites*, 15
lompocensis, *Amusium*, 25
Pecten (see also *Amusium*), 89
Turritella, 217
longa, *Tellina*, 114
LONGCHAEUS, 190
longidens, *Dosinia*, 49
longior, *Anatina*, 25
longissimum, *Bititium*, 133
longula, *Dosinia*, 49
LORA, 168

- lorenzana*, *Pholadidea*, 98
Pitaria, 101
Solen, 107
Strepsidura, 196
Turritella, 217
lorenzianum, *Cardium*, 34
lorenzianus, *Pitar*, 101
lorenzoensis, *Architectonica*, 130
Macoma, 60
Tellina (see also *Macoma*), 114
louderbacki, *Turris*, 208
LOXOTREMA, 168, 196
lucida, *Siliqua*, 107
LUCINA, 58, 59, 98
LUCINISCA, 59, 97
LUCINOMA, 13, 46, 59, 97
luda, *Ampullospira*, 129
LUNATIA, 156, 168, 169, 186
LUPONIA, 151
lurida, *Ocenebra*, 16
Ostrea, 77
LUTRARIA, 59
LYONSIA, 60
lyrata, *Cryptochorda*, 150
LYRIA, 139, 169
LYRIANELLA, 150
LYROPECTEN, 58, 60, 79, 82, 83, 85, 86, 89, 90,
92, 93, 94, 95

maccrayi, *Glycimeris*, 51
maccreadyi, *Turritella*, 217
macilenta, *Rimella* (see also *Ectinochilus*), 191
MACILENTOS, 154, 191
macilentus, *Ectinochilus*, 154, 191
MACOMA, 13, 38, 60, 61, 62, 113
macreadyi, *Turritella*, 215
MACROCALLISTA, 62, 63, 65, 66, 67, 112
MACRON, 169
macroschisma, *Monia* (see also *Pododesmus*), 69
macroschismus, *Pododesmus*, 69, 103
MACTRA, 46, 63, 64, 65, 109
MACTROMERIS, 54, 110
mactropsis, *Thracia*, 117
maga, *Akera*, 127
magister, *Forreria*, 160
Trophon (see also *Forreria*), 205
magnificus, *Pecten*, 84
magnolia, *Pecten*, 4, 89, 90
major, *Glycimeris*, 51, 53
Glycimeris, 11, 51, 52, 53
Pectunculus (see also *Glycimeris*, *Glycimeris*),
96
MALEA, 169
malibuensis, *Tegula*, 199

MALLETIA, 65
mamillaris, *Calyptraea*, 137, 204
Galerus (see also *Calyptraea*), 16
mamillata, *Ficus*, 159
mamillatus, *Ficus*, 158, 159
mammillatus, *Brachysphingus*, 134
MANGILIA [= **MANGELIA**], 16, 169
MARCIA, 65
MARGARITA [= **MARGARITES**], 169
margaritana, *Chione*, 36
Dosinia, 49, 50
Septifer, 107
Turritella, 217
MARGARITELLA, 169, 194
MARGARITES, 15, 169
MARGINELLA, 169, 170
mariana, *Littorina*, 167
markleyense, *Perse*, 184
markleyensis, *Acila*, 24
Fusinus, 160
Leda, 56
Mactra, 64
Perse, 184
Pseudoliva, 188
Thiara, 201
Yoldia, 121
marshensis, *Pitaria*, 101
Turbonilla, 207
MARTESIA, 65
martinez, *Fusus* (see also *Whitneyella*), 162, 229
Whitneyella, 162, 229
martinezensis, *Acmaea*, 125
Amauropsis, 128, 129
Mesalia, 170, 171, 217
Pecten, 90
Tellina, 114
Tritonium, 203
Turritella (see also *Mesalia*), 170, 217, 218
martini, *Calyptraea*, 137
Clementia, 38
Chrysodomus (see also *Neptunea*), 145, 229
Eocypraea, 183
Neptunea, 178
Ovula, 183
Phos (see also *Chrysodomus*; *Neptunea*), 184
Terebra, 200
Venus (see also *Clementia*), 121
Voluta, 229
marysvillense, *Nemocardium*, 34, 73
marysvillensis, *Cardium* (see also *Nemocardium*),
34, 73
Falsifusus, 157, 209
Fusinus (see also *Falsifusus*), 160, 209
Glycimeris, 51

- marysvillensis*, *Olivula*, 183
mateoensis, *Patella*, 183
matheusonii, *Amiantis*, 24, 36
Antigona, 26
Astarte (see also *Crassatella*; *Crassatellites*), 30, 42
Bursa, 135, 136
Chione (see also *Amiantis*; *Antigona*), 24, 36
Crassatella, 30, 42
Crassatellites, 43
Cucullaea, 26, 45
Cypraea, 152
Dosinia, 49, 50
Fusus (see also *Surculites*), 162, 198
Mytilus, 71, 72
Olivella, 182
Ranella (see also *Bursa*), 190
Sulcocypraea, 152
Surculites, 132, 162, 185, 187, 196, 198
MAZZALINA, 135
mcgoniglenensis, *Anomia*, 25
mcknighti, *Lithophaga*, 58
mclellani, *Corbis*, 39
mcclurensis, *Pachydesma*, 79
mediacostatus, *Pecten*, 90
mediaimpressa, *Anadara*, 25
Arca (see also *Anadara*), 28
medialis, *Arcopagia*, 30
mediastriata, see *mediostriata*,
mediostriata, *Chione*, 36
meekianum, *Cardium* (see also *Cerastoderma*;
Clinocardium), 34, 35
Cerastoderma, 34, 35
Clinocardium, 38
meekii, *Pecten*, 83, 90
MEGACARDITA, 65, 119, 120
meganosensis, *Ancilla*, 130
Cadulus, 123
Crassatella, 42
Crassatellites (see also *Crassatella*), 43
Ficopsis, 158
Fusinus, 160
Galeodea, 163
Glycymeris, 53
Macrocallista, 63
Mariesia, 65
Modiolus, 68
Oliva, 182
Parvisipho, 183
Phacoides, 98
Sphenia, 108
Spisula, 110
Turritella, 218, 222
Whitneyella, 145, 229
megapex, *Bonellitia*, 133, 141
MEGASURCULA, 132, 170, 171, 185, 198
MEGISTOSTOMA, 135, 170
MELANELLA, 155, 170
MELANOIDES, 201
MELONGENA, 170
mendhalli, *Pecten*, 90
Pinna, 100
mendicus, *Nassarius*, 13
menkeni, *Macoma*, 60
mercedensis, *Clathrodrillia*, 146
Drillia (see also *Clathrodrillia*; *Turris*), 153
Spisula, 110
Turris, 208
MERCENARIA, 65, 66
MERCIMONIA, 48, 66
MERETRIX, 46, 63, 66, 67, 100, 101, 102
meridiei, *Chrysodomus*, 145
merriami, *Actaeon*, 125
Dosinia, 49
Fusinus, 160
Macron, 169
Modiola (see also *Modiolus*), 68
Modiolus, 68
Mytilus, 72
Pecten, 90
Pseudoperissolax, 189
Siphonalia, 194
Solenosteira, 195
Spisula, 109, 110
Sucula (see *Sucula*),
Sucula, 197
Tivela, 118
Turritella, 211, 218
MESALIA, 170, 171, 213, 217, 218
MESODESMA, 67
METACERITHIUM, 171
METIS, 67
METULA, 171, 189
micheli, *Ocenebra*, 181
MICROCALLISTA, 67, 112
microdonta, *Arca*, 28
microptygma, *Cordiaera* (see also *Exilia*), 148, 156
Exilia, 148, 156, 157
MICROSURCULA, 171
midocenicum, *Propeamussum*, 103
miguclensis, *Ostrea*, 77
Pecten, 58, 90, 91, 94
milicentana, *Purpura*, 189
milleri, *Leda*, 55, 56
MILTHA, 48, 59, 67, 68, 98
minor, *Mulinia*, 70
minori, *Mitra*, 171
minorstriata, *Solariella*, 194

- minutastriata*, *Vitrinella*, 228
MIOPLEIONA, 171, 172, 188
mirandaensis, *Trophon*, 205
MIRASCAPHA, 192
miser, *Nassa*, 175
Mitra, 146, 171, 229
MITRAMORPHA [= **MITROMORPHA**], 16, 172
MITRELLA, 13, 16, 132, 146, 147, 172
MITROMORPHA, 13
MODELIA, 172
modesta, *Admete*, 16
Ficus, 159
modestum, *Cardium*, 33, 35
modestus, *Ficus*, 159
Turris, 133, 208
MODIOLA, 31, 68, 72
MODIOLUS, 68, 69
MOLOPOPHORUS, 135, 151, 172, 173, 174, 175
MONIA, 69, 103
monilicosta, *Cardita* (see also *Venericardia*), 13, 32
Venericardia, 120
monilifera, *Surcula* (see also *Turris*), 164, 197
Turris, 164, 208, 209
MONILIOPSIS, 13, 15, 146, 153, 173, 208
MONOCERAS [= **MONOCEROS**], 125
MONODONTA, 173
monolifera, see *monilifera*
monta, *Teinostoma*, 199
montana, *Dosinia*, 49
Macrocallista, 112
Perna, 97
Tapes, 112
montereyana, *Arca*, 26, 28
Mactra, 64
Mya, 70
Turritella, 218
Venericardia, 120
montereyi, *Semele*, 16
moodyi, *Actaeon* (see also *Kleinacteon*), 125
Kleinacteon, 166
Turritella, 218
moragai, *Amaurellina*, 128, 176
Tejonia, 128, 176
morani, *Astraea*, 131
Cucullaea, 45
Dosinia, 49
Nemodon, 73
Pecten, 86, 90, 91
Semele, 106
moraniana, *Nassa* (see also *Schizopyga*), 175
Schizopyga, 192
MORIO, 163, 173
morsei, *Barbatia*, 31
mortuasusensis, *Yoldia*, 121, 122
mosesi, *Yoldia*, 122
mucilentus, see *macilenta*
mucronata, *Fasciolaria*, 157
Neptunea (see also *Fasciolaria* and *Sycum mucronatum*), 179, 198
mucronatum, *Sycum*, 178, 179, 198
mucronis, *Pyramidella*, 190
muirensis, *Phacoides*, 98
mulates, *Crassatella*, 42
Crassatellites (see also *Crassatella*), 43, 44
MULINEA, see **MULINIA**,
MULINIA, 64, 69, 70, 104
muliniaformis, *Spisula*, 110
mulleri, *Turritella*, 219
multiangulata, *Amaurellina*, 128
multicostata, *Arca*, 27
multifilosa, *Marginella*, 170
multinodosum, *Agasoma*, 126
multiradiata, *Lima*, 58
Modiola (see also *Mytilus multiradiatus*), 68, 72
multiradiatus, *Modiolus*, 68
Mytilus, 68, 72
multirugosus, *Pecten*, 84
nunda, *Forreria*, 160
MUREX, 173, 174, 181, 203
muricidea, *Mangilia*, 16, 169
MURICOPSIS, 174
murietta, *Mitra*, 171
murina, *Fissuridea*, 160
MURITHAIS, 143
murrayensis, *Discohelix*, 153
Pholadomya, 99
nuta, *Acila*, 24
mutica, *Harpa*, 165
MYA, 16, 44, 70, 71
MYADESMA, 67, 71
MYRTEA, 59, 71, 98
MYRTUCINA, 71
MYSIA, 71
MYTILOCONCHA, 71, 72
MYTILUS, 68, 71, 72
nanna, *Purpura*, 189
NARICA, 174
NARONA, 139, 174
nashi, *Murex* (see also *Ocinebra*), 173, 181
Ocinebra, 173, 181
Tegula, 199
NASSA, 16, 172, 174, 175
NASSARIUS, 13, 174, 175, 176
nasuta, *Lucina*, 59
Macoma, 13, 60, 61

- nasuta*, *Pholadomya*, 99
NATICA, 13, 16, 128, 129, 165, 176, 177, 178
NATICINA, 178, 193
NAVICULA, 29
NEAERA, 32, 72
neglecta, *Antigona* (see also *Pitaria*), 26
Pitaria, 101
NEKEWIS, 136, 157, 178, 196, 197
NEMATURELLA, 167
NEMOCARDIUM, 33, 34, 55, 72, 73
NEMODON, 73
NEOBERNAYA, 152
neopleura, *Turritella*, 219, 226
NEPTUNEA, 13, 16, 129, 144, 145, 147, 154, 178, 179, 198
NERITA, 179
nevadanus, *Pecten*, 82, 86, 91
nevadensis, *Cancellaria*, 139
Tellina, 114, 115
NEVERITA, 176, 177, 179, 180, 185, 186
newhallensis, *Cancellaria*, 138, 139
newsomi, *Pleurotoma*, 185
Tritonium, 203
nighlingalei, *Latirus*, 167
NISO, 180
NITIDAVENUS, 55, 73
NITIDISCALA, 155
nobilis, *Architectonica*, 130
noblei, *Saxidomus*, 105
nodibulbosa, *Ficus*, 159
nodiferus, *Ficus* (see also *Trophosycon nodiferum*), 159
nodiferum, *Trophosycon*, 206
NODISCALA, 155, 183
nomlandi, *Pecten*, 82, 91
Turris, 209
norna, *Acanthina*, 125
nova, *Turritella*, 219
novacula, *Solen*, 107, 108
novacularis, *Solen*, 107, 108
novasumma, *Eocypraea*, 183
Orula, 183
novatrix, *Exilia*, 156
NUCELLA, 180, 200, 201
nuciformis, *Euspira*, 156, 168, 186
Lunatia (see also *Euspira*; *Natica*; *Polinices*), 156, 168, 169
Natica, 177
Polinices, 156, 186
NUCULA, 73
NUCULANA, 39, 55, 56, 57, 73, 74
nudacostata, *Perse*, 184
nudacostatum, *Perse*, 184
nuttalli, *Saxidomus* (see also *S. nuttallii*), 16
nuttallii, *Clinocardium*, 33
Lucina, 59
Phacoides, 97
Sanguinolaria, 105
Saxidomus, 105, 106
Schizothaerus, 106
nutteri, *Chlamys*, 37, 91
Pecten (see also *Chlamys*), 86, 91, 95
NYCTILOCHUS, 146, 181
obesa, *Cancellaria*, 139, 140
obispoana, *Arca*, 28
obliqua, *Naticina* (see also *Sinum obliquum*), 178, 193
OBLIQUARCA, 31
obliquistriata, *Calliostoma*, 137
obliquistriatum, *Calliostoma*, 137
obliquum, *Sinum*, 178, 193
obliteratus, *Strombus*, 196
obtentus, *Fusinus*, 160, 161
occidentalis, *Cardita*, 32
Dosinia, 49
Fusus (see also *Pseudoperissolax*), 162, 189
Hemimactra (see also *Spisula*), 54, 110
Pseudoperissolax, 162, 189
Spisula, 54, 110
OCENEBRA, 189, 202
ochsneri, *Drillia* (see also *Turricula*), 153
Eulimella, 155
Leda (see also *Nuculana*), 56
Nuculana, 74
Odosstomia, 155
Pyramidella, 155
Turricula, 208
OCINEBRA [= **OCENEBRA**], 16, 173, 174, 181
OCINEBRINA, 202
ocoyana, *Drillia*, 153
Ficus, 126, 127, 158, 159, 198, 206
Nassa, 175
Natica, 177
Pleurotoma, 185
Tellina, 114, 115
Trophosycon, 206
Turritella, 211, 219, 220, 224, 225
ocoyanus, *Ficus* (see also *F. ocoyana*), 159
Sycotypus (see also *Ficus* and *F. ocoyana*), 198
ODONTOSTOMIA, 181
ODOSTOMIA, 155, 156, 181
OENOPOTA, 15
oetites, *Natica*, 177
oldroydi, *Corbicula*, 39
Tellina, 115
oldroydia, *Cancellaria*, 140
OLEQUAHIA, 135, 182, 194, 203

- OLIVA, 182
 OLIVELLA, 13, 182
 OLIVERATO, 129, 182
 OLIVULA, 183
 OMPHALIUS, 143
onyx, *Crepidula*, 149
 OPALIA, 155, 183
 OPIS, 74
opuntia, *Chlamys*, 13
 Pecten (see also *Chlamys*), 91
orbella, *Diplodonta*, 47
orbicularis, *Natica*, 177
orculti, *Leda*, 56
oregonensis, *Bruclarkia*, 134
 Ficus, 126, 159, 206
 Fusitriton, 161
 Mioipleiona (see also *Psephaea*), 171, 188
 Pecten, 91
 Priene (see also *Fusitriton*), 187
 Psephaea, 171, 187, 188
 Ranella (see also *Fusitriton*; *Priene*), 16
 Tellina, 115
ornata, *Modiola* (see also *Brachydontes ornatus*
 and *Modiolus ornatus*), 31, 68
ornatus, *Brachydontes*, 31
 Modiolus, 68
orovillensis, *Cerithiopsis*, 142
 Drillia, 153
orpheus, *Trophon*, 16
orthomorpha, *Mactra*, 64
oschneri, see *ochsneri*
osmonti, *Anadara*, 25, 26, 28
 Arca (see also *Anadara*), 28
 OSTREA, 54, 74, 75, 76, 77, 78, 79
ostreaformis, see *ostreiformis*
ostreaformis, *Plicatula*, 103
ostrina, *Thais*, 201
ovalis, *Cryptomya* (see also *Mya*), 44, 70, 71
 Meretrix, 46, 66, 101
 Mya, 70, 71
oviformis, *Amauropsis*, 129, 143
ovoidea, *Pholadidea*, 98, 99
 OVULA, 183
oweni, *Pecten*, 89, 91
oweniana, *Conus* (see also *C. owenianus*), 148
owenianus, *Conus*, 148

pabloensis, *Bittium*, 133
 Cancellaria, 140
 Chione, 36
 Chrysodomus, 145
 Crepidula, 149
 Macoma, 61
 Mulina (see also *Mulina*), 69, 70
 Mulina, 69, 70
 Nassa (see also *Nassarius*), 175
 Nassarius, 175
 Natica (see also *Polinices*), 177
 Pecten, 91, 92
 Polinices, 186
 Siphonalia, 193, 194
 Trophon, 200, 204, 205
pachecoensis, *Strepsidura*, 196
 Turritella, 11, 209, 216, 220, 221, 222, 224, 227
 PACHYCROMMIUM, 128, 183
 PACHYDESMA, 79, 117
 PACHYPOMA, 131, 183
pacifica, *Cancellaria*, 140
 Mesodesma (see also *Myadesma*), 67
 Myadesma, 71
packardi, *Chrysodomus* (see also *Thais*), 145
 Ficopsis, 158
 Leda, 56
 Mactra, 64
 Malletia, 65
 Metacerithium, 171
 Murex, 173, 174
 Pachydesma, 79
 Tellina, 115
 Thais, 201
 Tivela (see also *Pachydesma*), 118
packi, *Lucina* (see also *Miltha*), 59
 Macrocallista, 63
 Miltha, 67
 Odostomia, 181
 Pyramidella, 182
 Thais, 201
padronesensis, *Turritella*, 221
painei, *Acteon*, 125
pajaroana, *Venus* (see also *Schizothaerus*), 121
pajaroanus, *Schizothaerus*, 106
palaea, *Haliotis*, 165
pallidus, *Clavus*, 146
 PALLIOLUM, 79, 92
 PALLIUM, 60, 79, 88, 92, 95
palmeri, *Cancellaria*, 140
 Pitaria, 101
 PANDORA, 38, 79, 80
 PANOPE, 13, 51, 80
 PANOPEA, 80
panzana, *Calyptrea*, 137
 Chione, 36
 Macoma, 61
 Mulina, 70
 Ostrea, 77
 Pedalion, 96
 Thais, 201
panzonum, *Pseudocardium*, 70

- PAPHIA**, 16, 80, 81
papillosa, Chemnitzia, 143
PAPYRIDEA, 35
parallelus, Solen, 108
parilis, "Corbis" (see *Corbula*), 39, 41
 Corbula, 39, 40, 41
 Diplodonta, 47
 Tellina, 115
parkei, Leda, 56
 Nuculana, 74
parmeleei, *Pecten*, 92
parsoni, *Milika*, 68
 Mitramorpha, 172
PARVILUCINA, 98
PARVISIPHO, 183
PATELLA, 183
PATINOPECTEN, 13, 83, 85–89, 91, 93, 95
patula, *Siliqua*, 107
paucicostata, *Leptothyra*, 16
paucisculpta, *Turritella*, 221
paucivaricata, *Bonellitia*, 133, 203
 Cancellaria, 140
 Muricidea, 16
paucivaricatum, *Tritonium* (see also *Bonellitia*
 and *Cancellaria paucivaricata*), 133, 203
pechami, see *peckhami*
peckhami, *Delectopecten*, 46, 92
 Palliolum, 79, 92
 Pecten (see also *Palliolum*), 46, 79, 92
PECTEN, 4, 13, 16, 37, 46, 54, 55, 58, 60, 79,
 81–96, 103, 112
PECTUNCULUS, 52, 96
PEDALION, 96
pedroana, *Olivella*, 182
 Pecten, see *P. pedroanus*
 Plagiostoma, see *P. pedrona*
pedroanus, *Delectopecten*, 46
 Hyalopecten, 54
 Pecten, 46, 92
pedrona, *Plagiostoma* (see also *Hyalopecten* and
 Pecten pedroanus), 103
PEJONA, see **PLEJONA**
PELECYORA, 66, 96, 101
pellucida, *Avicula* (see also *Pteria*), 30
 Chama, 35
 Pteria, 104, 105
PENITELLA, 98
peramabilis, *Solaritella*, 13
perangulatus, *Murex*, 173
perdisparis, *Arca*, 28
perelegans, *Trophon*, 205
PERIPLOMA, 96, 97, 116
PERISSOLAX, 136, 183, 184, 188
perissolaxoides, *Pleurotoma*, 185
 perkinsiana, *Exilia*, 156
 Pleurotoma (see also *Exilia*; *Turris*), 185
 Turris, 209
perlaminosa, *Humularia*, 13
 Mercenaria (see also *Humularia*), 65, 66
permacra, *Cyclas*, 46
PERNA, 97
perpinguis, *Nassa* (see also *Nassarius*), 16
 Nassarius, 176
perrini, *Acanthina*, 125
 Cancellaria, 141
 Fissurella, 159
 Glycimeris, 52, 53
 Glycymeris (see also *Glycimeris*), 30, 52, 53
 Lima, 58
 Mytilus, 72
 Ostrea, 77
 Pecten, 92
 Sigaretus, 192
 Solen, 108
 Spondylus, 54, 87
 Tellina, 115
PERSE, 184
pertenuis, *Clementia*, 31, 38, 121
 Venus (see also *Clementia*), 120, 121
pertumida, *Turritella*, 221
perversa, *Antiplanes*, 13
 Spirotropis, 195
perversus, *Velates*, 228
pervulgata, *Turritella*, 215, 221, 223, 227
PETRICOLA, 97
petricola, *Dentalium*, 123
 Littorina, 167
petrosa, *Galeodea*, 163
 Haminea, 165
 Stramonita (see also *Galeodea*), 195
petrothaua, *Astraea*, 15
PHACOIDES, 59, 97, 98
PHILNE [= **PHILINE**], 170, 184
PHOLADIDEA, 98
PHOLADOMYA, 99
PHOLAS, 99
PHOS, 184, 185
PHREAGENA, 99
phrear, *Limopsis*, 58
PHYLLOCOMA, 203
picoensis, *Pecten*, 16
pedraensis, *Platyodon*, 103
piercei, *Macoma*, 61
 Pleurotoma, 185
pileum, *Crepidula*, 149, 150
 Crypta (see also *Crepidula*; *Spirocrypta*), 149
 150
 Spirocrypta, 195

- pilsbryi*, *Ranellina*, 161, 181, 190
Zirfaea, 99
pinguis, *Cinulia* (see also *Ringinella*; *Tornatellaea*), 145, 202
Ringinella, 191
Tornatellaea, 146, 202
 PINNA, 99, 100
pinolianus, *Fusinus*, 161
pinolensis, *Acrilla*, 155
Epitonium, 155
pinyonensis, *Natica*, 177
 PISANIA, 184
pistiliformis, *Niso*, 180
 PITAR, 35, 66, 80, 100, 101
 PITARIA, 66, 101, 102
pittsburgensis, *Littorina*, 167
Modiolus, 69
Nematurella, 167
 PLACUNANOMIA, 102
 PLAGIOCARDIUM, 33, 102, 106
 PLAGIOCTENIUM, 81, 82, 83, 84, 85, 88, 91, 92, 94
 PLAGIOSTOMA, 103
planicosta, *Cardita* (see also *Venericardia*), 32, 119
Venericardia, 120
planicostum, *Sinum*, 193
planospira, *Cancellaria*, 140
 PLATYODON, 70, 103
plectatus, *Ficus*, 159
 PLECTOSOLEN, 107, 108
 PLEJONA, 183, 184, 229
plena, *Macoma*, 61
 PLEUROFUSIA, 184, 185, 196, 197, 209
 PLEUROTOMA, 16, 150, 184, 185, 196, 209
plicatella, *Anatina*, 25
 PLICATULA, 103
 PLICIFUSUS, 185
 PODODESMUS, 103
 POLINICES, 156, 168, 185, 186
polita, *Diplodonta*, 47
Mysia (see also *Diplodonta*; *Taras*), 71
Niso, 180
Taras, 71
politus, *Taras*, 113
 POLYNICES, see *POLINICES*
polynominata, *Leda*, 40, 57
Turritella, 213, 222
polynotata, *Borsonella*, 133, 208
polynyma, *Spisula*, 32, 111
 POMAULAX, 131
ponderosa, *Dosinia*, 48, 49, 50
Thais, 201, 205
ponderosum, *Thais*, 201, 206
Trophon (see also *Thais*), 200, 201, 204, 205, 206
 PORAMYA, see *POROMYA*
 POROMYA, 103
porterensis, *Turritella*, 224
 PORTERIUUS, 31, 103
portolaensis, *Chrysodomus*, 145
Fusus, 162
Searlesia, 162
posoense, *Epitonium*, 155
posoensis, *Epitonium*, 155
Siphonalia, 194
postangulata, *Haminea*, 165
Nucula, 73
posuncula, *Natica*, 177
posunculensis, *Amphissa*, 129
Cancellaria, 140
 POTAMIDES, 142, 162, 187
 POTOMIDES [= *POTAMIDES*], 187
potreroensis, *Exilia*, 156
powersi, *Yoldia*, 122
praeattenuata, *Surcula* (see also *Turricula*), 197, 208
Turricula, 208
praeblakei, *Pseudoperissolax*, 189
praecuta, *Tellina*, 115
praenominata, *Chrysodomus*, 145
Pitaria, 66, 101
praerupta, *Crepidula*, 149, 150
preblei, *Pyramidella*, 190
prelamellifer, *Irus*, 54
pretrosa, see *petrosa*
prevostiana, *Psephaea*, 187
 PRIENE, 187
primorsa, *Corbula*, 41
princeps, *Crepidula*, 13, 150
prior, *Ostrea*, 77
 PRISCOFICUS, 187, 228
 PRISCOFUSUS, 160, 162, 187
privum, *Calliostoma*, 137
proavus, *Pecten*, 93
problematica, *Cowlitzia*, 149
profunda, *Axinea*, 31
Teinostoma, 199
 PROGABBIA, 141
progressiva, *Pholadomya*, 99
projecta, *Dosinia*, 50
 PROPEAMUSSIUM, 16, 82, 88, 89, 94, 95, 103
 PROPUSTULARIA, 152
proteus, *Pecten*, 84, 88, 93
protexta, *Leda*, 56, 57, 105
 PROTOCARDIA, 34

- PROTOTHACA*, 50, 80, 81, 103, 112, 120
protumescens, *Turritella*, 222
PSAMMOBIA, 103, 104
PSAMMOCOLA, 50
PSAMMOSOLEN, 104
PSAMOSOLEN [= *PSAMMOSOLEN*], 104
PSEPHAEA, 171, 187, 188
PSEPHIDEA (see also *PSEPHIDIA*), 13, 104, 121
PSEPHIDIA, 104
PSEUDAMUSIUM, 81, 86, 89, 92
PSEUDOCARDIUM, 34, 64, 69, 70, 104
PSEUDOCHAMA, 13
pseudoillota, *Barbatia*, 31
PSEUDOLIVA, 172, 188
PSEUDOMELATOMA, 16, 153
PSEUDOPERISSOLAX, 136, 162, 183, 188, 189
PSEUDOTOMA, 171, 189
PTERIA, 30, 104, 105
pulcella, *Tegula*, 199
pulcherrimus, *Chrysodomus*, 145
pulchra, *Semele*, 16
pulchritineata, *Amphissa*, 129
pulchrisinuosa, *Leda*, 57
pulchrum, *Tritonium*, 203
pulligo, *Tegula*, 13
punctata, *Clidiophora*, 38, 80
Pandora, 80
PUNCTURELLA, 16
purissimaensis, *Chrysodomus* (see also *Colus*; *Neptunea purissimaensis*), 145
Colus, 147
Pecten, 93
purissimaensis, *Neptunea*, 179
PURPURA, 138, 189
purpuratus, *Pecten*, 82, 94
pusillum, *Dentalium*, 123
PYRAMIDELLA, 155, 182, 189, 190
PYRAMIDELLIDA [= *PYRAMIDELLA*]
 190
PYRGOLAMPROS, 207
pyriformis, *Ficus*, 159

quadrigenarium, *Cardium* (see also *Trachycardium*), 35
Trachycardium, 13, 118
quadrata, *Cancellaria*, 140
Cryptomya, 45
Phacoides, 98
Tapes (see also *Pitar*), 101, 112
quadratus, *Pitar*, 101, 112
quadriceps, *Architectonica*, 130
quadrilingulatum, *Bitium*, 133

quadrifilatum, *Bitium*, 133
quadrigenarium, see *quadrigenarium*
quadruplicata, *Olivella*, 182
quercus, *Acteon*, 125
quinquecincta, *Moniliopsis*, 173

radians, *Calyptraea*, 204
Trochita (see also *Calyptraea*), 204
radiolineata, *Dentalium*, 123
RAËTA, 25
ramonensis, *Cancellaria*, 138, 140
Cylichna, 151
Leda, 57
Natica, 177
Panope, 80
Spisula, 109–111
randolphi, *Hyalopecten*, 54
RANELLA, 16, 165, 190
RANELLINA, 161, 181, 190
rankini, *Nucella*, 180
rapa, *Cancellaria*, 138, 140
RAPANA, 189–191, 206
rariocostata, *Pleurofusua* (see also *Turris vari-costata*), 184, 209
Surcula, 197
Turris, 209
raymondi, *Astraea*, 131, 140
Astrarium (see also *Astraea*), 132
Pecten, 82, 93
Trophon, 206
recluziana, *Natica*, 176
Neverita (see also *Polinices*), 179–180
Polinices, 185, 186
recta, *Volvella*, 121
rectirostris, *Chrysodomus* (see also *Exilioidea*), 145, 157
Exilioidea, 13, 145, 157
rectus, *Modiolus*, 69
recurva, *Neptunea* (see also *Colus recurvus*), 147, 179
recurvus, *Colus*, 147, 179
reedi, *Cardium*, 35
reefensis, *Glycymeris*, 53
Neverita, 180
regularis, *Conus*, 148
remondii, *Conus*, 148
Ficopsis, 157, 158, 162
Fusus (see also *Ficopsis*), 158, 162
Littorina, 4, 167
Metula, 171, 189
Pseudotoma, 171, 189
Surculites, 198
Tellina, 115, 116
renaudi, *Spirotropis*, 16

- renodata*, *Turritella*, 222
reticulata, *Gadinea*, 163
Pseudoliva, 188
RETIPIRULA, 191, 207
retiporosa, *Epitonium* (see also *Opalia*), 155
Opalia, 155, 183
reversa, *Turritella*, 222
REXITHAERUS, 60, 62
rhysonia, *Venus*, 104, 121
ricei, *Pecten*, 93
richthofeni, *Astyris*, 132
Columbella (see also *Astyris*; *Mitrella*), 147
Lucina (see also *Phacoides*), 59
Mitrella, 172
Phacoides, 98
RICTAXIS, 125
RIMELLA, 156, 191
ringens, *Malea*, 169
RINGICARDIUM, 34
RINGINELLA, 191
RISSOA, 206
riveri, *Pecten*, 16
rivulata, *Anadara*, 27
Arca (see also *Anadara*), 29
rixfordi, *Fissurella*, 159
robusta, *Priscoficus*, 228
Urosyca, 228
robustus, *Gyrodes*, 165
rodeoensis, *Cerithium*, 143
Ficus, 159
Goniobasis, 143
Murex, 173, 174
Siphonalia, 194
rosa, *Leda*, 57
Macoma, 61
Tornatellaea, 202
roseburgensis, *Myrtea*, 71
rosecanyonensis, *Corbula*, 41
Glycymeris, 53
Vitrinella, 228
rosensis, *Natica*, 177
rositae, *Pteria*, 105
ROSTELLARIA, 149, 154, 191
rostellata, *Metis*, 67
rostralis, *Crepidula*, 149, 150
royi, *Turritella*, 222
rubropicta, *Semele*, 106
ruckmani, *Acmaea*, 125
Chrysodomus, 145
Glycymeris, 52, 53
Glycymeris (see also *Glycymeris*), 52, 53
rudis, *Acmaea*, 125
ruginodosa, *Ficus*, 159
rushi, *Spisula*, 111
russelli, *Cuspidaria*, 45
SACCELLA, 56, 57, 73, 74, 105
sacramentensis, *Elimia*, 154
saffordii, *Turritella*, 220, 221, 222
sagittata, *Axinea* (see also *Glycymeris*), 31, 53
Glycymeris, 52
Glycymeris (see also *Glycymeris*), 31, 51, 52, 53
salmonea, *Tellina*, 115
sanctiacruzana, *Turricula*, 207
sanctae-crucis, *Fusinus*, 161
Fusus (see also *Fusinus*), 162
Periploma, 96
Phacoides, 98
Pleurotoma, 185
sanctae-cruzensis, *Pecten*, 93
sanctae-mariae, *Cancellaria*, 140
sancti-ludovici, *Pecten*, 93
sandiegoensis, *Cardita*, 32
Cryptoconus, 150
sandieguitoensis, *Mitra*, 171
SANGUINOLARIA, 50, 105
sanjosei, *Cancellaria*, 140
santaclarana, *Arca*, 29
santacruzana, *Agasoma* (see also *Bruclarkia*), 126, 127
santacruzananum, *Bruclarkia*, 134
santamariensis, *Arca*, 29
santana, *Arca*, 29, 30
Dosinia, 50
Olivella, 182
Terebra, 200
Turritella, 210, 222, 223
sargeanti, *Turritella*, 210, 216, 222, 223, 225, 226
SASSIA, 190
saundersi, *Buccinum*, 134
saxadomoides, *Spisula*, 111
SAXIDOMUS, 16, 105, 106, 118
SAXOLUCINA, 59, 98
SCALA, 191
SCALARIA, 191
scapha, *Pandora*, 80
SCAPHANDER, 135, 151, 192
SCAPHARCA, 28, 29
SCHEDOCARDIA, 33, 34, 35, 102, 106
schencki, *Acteon*, 15
Ampullecta, 129
Cardium, 35
Chione, 36
Elimia, 154
Mytilus, 72
Turritella, 223
SCHIZODESMA, 106

- SCHIZOPYGA*, 174, 175, 192
SCHIZOTHAERUS, 106, 121
schizotoma, *Arca*, 29
SCOBINELLA, 192, 208
SCONSLA, 163, 173
scopulosum, *Sinum*, 192, 193
scopulosus, *Sigaretus* (see also *Sinum scopulosum*), 192
scotiaensis, *Argobuccinum*, 131
Chrysodomus, 145
scrippsensis, *Donax*, 47
Tellina, 115
Turritella, 223
SEARLESIA, 145, 162, 192
secundaria, *Turritella*, 223
secta, *Macoma*, 61, 62
Natica, 177
Neverita (see also *Natica*), 180
sectoris, *Mactra*, 64
securis, *Chione*, 37
Venus (see also *Chione*), 120, 121
selbyensis, *Murex* (see also *Tritonalia*), 174
Spisula, 111
Tritonalia, 202
SEMELE, 16, 106
SEMIBITTIIUM, 133
semidentata, *Astarte* (see also *Crassatella*; *Crassatellites*), 30
Crassatella, 42, 43
Crassatellites, 44
SEMIFUSUS, 192
semiplicata, *Chione*, 37
semirostrata, *Acila*, 24
Nucula (see also *Acila*), 73
septentrionalis, *Glycimeris*, 52
Glycimeris, 52, 53
Pectunculus (see also *Glycimeris*, *Glycymeris*), 52, 96
SEPTIFER, 106, 107
sequens, *Ostrea*, 77
SERAPHS, 192
serrai, *Rapana*, 190
sespeensis, *Arca*, 29
Macoma, 38, 62
Pecten, 88, 93, 94
Potamides, 187
Turritella, 223, 224
sheridani, *Macoma*, 62
shumanensis, *Thais*, 201
skumardi, *Acila*, 24
sicarius, *Solen*, 108
SIGARETUS, 192, 193
SILIQUA, 107
SILIQUARIA, 50, 107
silverensis, *Cardiomya*, 32
simiensis, *Acteon*, 126
Architectonica, 131
Callocardia, 32
Cypraea, 152
Exilia, 156
Fusinus, 161
Polinices, 186
Propustularia, 152
Tellina, 115
Turritella, 221, 224
Xenophora, 230
simondsi, *Oliva*, 182
simplex, *Cancellaria*, 140
Cowlitzia, 149, 154
Ectinochilus, 154, 179
Rimella, 154
Rostellaria (see also *Cowlitzia*; *Ectinochilus*), 191
simplicissima, *Mitra*, 171
simplicius, *Cerithium*, 143
sinedepressa, *Callocardia*, 32
sinuata, *Agasoma*, 127
Clavella (see also *Agasoma*; *Koilopectera*), 146
Fasciolaria (see also *Latirus*; *Whitneyella*), 157, 229
Koilopectera, 127, 166, 167
Surcula, 197, 198
Whitneyella, 157, 229
sinuatum, *Agasoma* (see also *Clavella sinuata*), 127, 146, 166, 167
sinuatus, *Brachysphingus*, 134
Conus (see also *Surculites*; *Surcula sinuata*), 148, 198
Latirus, 167
Surculites, 148, 197, 198
SINUM, 129, 178, 192, 193
SIPHONALIA, 135, 193, 194
sisquocensis, *Arca*, 29
Spisula, 111
SKENEA, 15
slevini, *Pecten*, 94
Pyramidella, 190
Voluta, 229
smartsvillensis, *Thiara*, 201
smileyi, *Megacardita*, 65
smithii, *Panopea*, 80
sobrantensis, *Cancellaria*, 138, 140
Dentalium, 123
Murex, 174
Turritella, 224
SOLARIELLA, 13, 169, 194
SOLATIA, 141
SOLECURTUS, 103, 104

- soledadensis*, *Pitaria*, 101
Tellina, 115, 116
Turritella, 224
SOLEMYA, 107
SOLEN, 107, 108
SOLENA, 107, 108
SOLENOSTEIRA, 195, 201
somisensis, *Pseudomelatoma*, 16
sorrentoense, *Cardium*, 33
sorrentoensis, *Cardium*, 35
Pitaria, 101
Thracia, 117
spadicea, *Cypraea*, 152
Zonaria, 152
SPHAEROCYPRAEA, 183
SPHENIA, 108
spicata, *Olivia*, 182
SPIRANCILLA, 130
SPIROCRYPTA, 149, 150, 195
SPIROGLYPHUS, 195
SPIROTROPIS, 16, 195, 208
spissa, *Olivella*, 182
SPISULA, 32, 54, 64, 106, 108, 109, 110, 111
splendens, *Calliostoma*, 136
SPONDYLUS, 54, 87, 111, 112
stalderi, *Amiantis*, 24
Modiolus, 69
Pitaria (see also *Amiantis*), 101
staleyi, *Dosinia* (see also *Paphia*; *Tapes*; *Venerupis*), 50, 120
Paphia, 80
Tapes, 50, 112
Venerupis, 50, 112, 120
staminea, *Paphia*, 80, 81
STANDELLA, 112
stanfordense, *Trophosycon*, 206
stanfordensis, *Agasoma* (see also *Trophosycon stanfordense*), 127
Fusus, 162
Pecten, 94
stantoni, *Cancellaria*, 141
Chrysodomus (see also *Sulcosipho*), 145, 196
Macrocallista, 63
Meretrix, 66
Solen, 108
Sulcosipho, 145, 196
stearnsii, *Epitonium*, 191
Pecten, 84, 94
Scala, 191
stenopa, *Periploma*, 96
stentor, *Dentalium*, 123
stephensi, *Atrina*, 30
stephensoni, *Diplodonta*, 47
Molopophorus, 173
STEREOMACTRA, 106, 108
stewarti, *Chedevillia*, 143
Ostrea, 77
stewartvillensis, *Crassatellites*, 44
Dosinioopsis, 50
Periploma, 96, 97
Pitar, 101, 102
Pitaria, 101, 102
STHENORYTIS, 191
stillum, *Sycum*, 198
stocki, *Buccinum*, 134
Gemmula, 164
Trypanotoma, 206
Turris (see also *Gemmula*; *Trypanotoma*), 209
Turritella, 224
Xenophora, 230
stocktoni, *Pinna*, 180
stormsiana, *Caricella*, 142
stramineum, *Dentalium*, 123, 124
STRAMONITA, 195, 200, 201, 205
strategus, *Pecten*, 16
STREPSIDURA, 195, 196, 229
striata, *Ampullina* (see also *Lacunaria*), 129, 167
Bullaria, 135
Bullia (see also *Molopophorus striatus*), 135, 173
Heteroterma, 166
Lacunaria, 129, 165, 167, 177, 193
Megistostoma, 135, 170
Modelia, 172
Molopophorus, 173
striatus, *Molopophorus*, 135, 173
STROMBUS, 196
strongi, *Arca*, 29
STRUTHIOLARIA, 168, 196
stuarti, *Boreotrophon*, 133
Trophon, 16, 206
studleyi, *Crassatellites*, 44
subandersoni, *Pecten*, 94
subangulata, *Perse*, 184
subangulatum, *Perse*, 184
subauriculata, *Limatula*, 58
subconvexus, *Modiolus*, 69
subcostata, *Anomia*, 25
subdiaphana, *Callista* (see also *Clementia*; *Compsomyax*; *Katherinella*; *Venerella*), 31, 55
Clementia, 38
Compsomyax, 13, 105
Katherinella, 55
Venerella, 105, 118
subdulus, *Pecten*, 94
subelliptica, *Fissuridea*, 160
subgibbosus, *Crassatellites*, 44

- subglobosa*, *Bullinula*, 135
subjecta, *Ostrea*, 77
submiguelensis, *Pecten*, 94
submonilifer, *Conus*, 148
submontereyana, *Arca*, 29
submontereyensis, *Yoldia*, 122
submodosus, *Chlorostoma*, 143
Pecten, 94
subobesa, *Littorina*, 168
subobliqua, *Dosinia*, 50
subpedroana, *Olivella*, 182
subquadrata, *Spisula*, 111
subsinuata, *Mya*, 71
substriatum, *Dentalium*, 123, 124
Teredo, 123
subtomblorensis, *Chione*, 37
subtitian, *Ostrea*, 77
subtuberosa, *Cassis*, 142
subwasana, *Turritella*, 224
subverticala, *Solenä*, 108
SUCULA, see *SURCULA*
sulcataria, *Pachydesma*, 79
sulcicosta, *Arca*, 29
SULCOCYPRAEA, 152
SULCOSIPHO, 144, 145, 178, 196
superioris, *Cardita*, 33
supramontereyensis, *Yoldia*, 121, 122
supraplanis, see *supraplanus*
supraplanus, *Fusus* (see also *Surcula*), 162
Surcula, 198
supraplicata, *Neptunea* (see also *Ectinochilus*
supraplicatus), 154, 179
supraplicatus, *Ectinochilus*, 149, 154, 179, 191
SURCULA, 136, 153, 164, 184, 196, 197, 198,
200, 208
SURCULITES, 132, 148, 162, 185, 187, 196,
197, 198
susanae, *Galeodea*, 163
Turritella, 224
susanaensis, *Acteon*, 126
Ampullospira, 129
Polinices, 186
Septifer, 107
Turritella, 224
sutterensis, *Galeodea*, 163
Siphonalia, 194
Tellina, 116
suturalis, *Cantharus*, 142
Mangilia (see also *Turris*), 169
Turris, 157, 209
swifftii, *Pecten*, 92, 95
SWIFTOPECTEN, 91, 92, 95
SYCOSTOMA, 144, 157, 179, 198
SYCOTOPUS, 198
SYCUM, 178, 179, 198
SYRNOLA, 155, 190, 198
tabulata, *Clavella* (see also *Clavilithes tabulatus*),
146
Mangilia, 16
Neptunea, 13, 178
tabulatus, *Chrysodomus* (see also *Neptunea*
tabulata), 144, 178
Clavilithes, 146
taffana, *Lucina* (see also *Phacoides*), 59, 98
Phacoides, 98
TAGELUS, 112
taliaferroi, *Exilia*, 156
tantilla, *Cylichna*, 151
Cylichnella (see also *Cylichna*; *Cylichnina*), 151
Cylichnina, 151
Transemnella, 121
TAPES, 50, 67, 101, 112, 113
taphria, *Leda* (see also *Nuculana*), 57
Nuculana, 74
TARAS, 46, 47, 58, 71, 97, 113
tarda, *Venerupis*, 120
tayloriana, *Ostrea*, 76, 77
tecolotensis, *Glycymeris*, 52, 53
Macrocallista, 63
TECTARIUS, 198
teglanidae, *Fusinus*, 161
Turritella, 224
teglandi, *Fusinus*, 161
TEGULA, 13, 16, 132, 143, 198, 199
tehachapi, *Tellina*, 115, 116
TEINOSTOMA, 199
tejonense, *Tubulostium*, 195
tejonensis, *Acmaea*, 125
Acrilla, 125, 155
Epitonium (see also *Acrilla*), 155
Isocardia (see also *Isocardium*; *Nitidavenus*),
54
Isocardium, 55
Meretrix (see also *Pitaria*), 66, 67
Molopophorus, 173
Nitidavenus, 73
Pitaria, 102
Pseudoliva, 188
Spirogyphus, 195
Spisula, 111
Tritonium, 203
Turritella, 224
TEJONIA, 128, 176, 199
TELLINA, 50, 51, 62, 113, 114, 115, 116
temalentus, *Murex*, 173, 174

- temblorensis*, *Chione*, 37, 64, 121
Drillia, 153
Turritella, 224, 225, 227
Venus (see also *Chione*), 121
Yoldia, 122
tenerrima, *Paphia*, 16, 81
Tapes (see also *Paphia*), 112
tenuilineata, *Columbella*, 147
Tellina, 116
tenuimbricata, *Glycymeris*, 52
Glycymeris (see also *Glycymeris*), 52, 53
tenuis, *Corbula*, 39, 41
Cyprinella (see also *Diodus*), 46
Diodus, 46
Panope, 80
tenuisculpta, *Phacoides*, 98
tenuissima, *Cymbophora* (see also *Mactra*), 46, 64
Mactra, 46, 64
Yoldia, 121, 122
tenuistria, *Tellina*, 114
tenuistriata, *Tellina*, 113, 114, 116
TEREBELLUM, 199, 202
TEREBRA, 199, 200
TEREDO, 116, 123
terminumbonis, *Arca*, 29
terminus, *Pecten*, 94
TESSAROLAX, 197, 200
tethys, *Murex*, 174
tetrica, *Cyclas*, 46
texta, *Gari*, 51
THAIS, 144, 189, 200, 201, 205, 206
THALOTIA, 201
thea, *Tegula*, 199
THELIOSTYLA, 179
thethys, see *tethys*
THIARA, 201
thompsoni, *Seraphs*, 192
THRACIA, 116, 117
thunani, *Nyctilochus*, 181
thurstonensis, *Gemmula*, 164
Turris (see also *Gemmula*), 209
THYASIRA, 117
TIBIA, 201
tillamookensis, *Hyalopecten*, 54
tinajasense, *Tubulostium*, 195
tinajasensis, *Spiroglyphus*, 195
titan, *Ostrea*, 75, 77, 78
Trachytriton, 202
TIVELA, 79, 112, 117, 118
TIVELINA, 118
tolmani, *Pecten*, 94, 95
tomulata, *Corbula*, 41
topangaensis, *Anadara*, 25
Turritella, 211, 225
topangensis, *Cerithium*, 143
Ocenebra (see also *Purpura*), 181
Purpura, 189
Turbo, 207
TORNATELLA, 201
TORNATELLAEA, 146, 191, 202
TORNATINA, 16, 202
torosa, *Pseudomelatoma*, 16
torreyensis, *Corbula* (see also *Cuneocorbula*), 41
Cuneocorbula, 45
Unio, 118
TRACHYCARDIUM, 13, 33, 34, 118
TRACHYTRITON, 202, 203
trampasensis, *Bittium*, 133
Bursa, 136
Mactra, 65
Mytilus, 72
trancosana, *Thais*, 201
transennata, *Solariella*, 194
transmontana, *Anatina*, 25
Lutraria (see also *Anatina*), 59
Pleurotoma, 185
TRANSENNELLA, 118, 121
trapezoides, *Thracia*, 117
traskei, *Lutraria*, 59
traski, *Diplodonta*, 47
Eopleurotoma, 154
triangulata, *Donax*, 47
Nerita, 179
tribulis, *Cancellaria*, 141
tricarinata, *Turritella*, 222, 223, 225
tricarinatus, *Pseudoperissolax*, see *Perissolax*
tricornatus, 189
tricornatus, *Perissolax* (see also *Pseudoperissolax*
tricarinatus), 183, 184, 188
TRICHOTROPIS, 202
tridesmia, *Clathrella*, 15
trigenarium, *Sinum*, 193
trigonalis, *Tivela*, 118
TRIGONODESMA, 118
trilineata, *Anadara*, 25, 29
Arca (see also *Anadara*), 26, 27, 29, 30
TRIPPLICOSTA, 99
TRITIA, 175
TRITONALIA, 13, 166, 202
TRITONIDEA, 202
tritonia, *Cancellaria*, 137, 138, 139, 140, 141
TRITONIUM, 133, 134, 164, 174, 182, 202, 203
TRITONOFUSUS, 178, 203-
tritschi, *Turritella*, 225
tri-tuberculata, *Galeodea*, 163
TROCHITA, 4, 137, 203, 204
trochoidea, *Heteroerma*, 166
TROPHON, 16, 144, 201, 202, 204, 205, 206

- trophonoides*, *Thais*, 201
TROPHOSYCON, 126, 158, 159, 198, 206
TRUNCACILA, 23, 24
truncata, *Mya*, 71
 Plagiostoma, 103
 Tapes, 113
TRYPANOTOMA, 206, 209
tuberculata, *Architectonica*, 131
 Galeodea, 163
tuberculatum, *Perse*, 184
tuberculatus, *Morio* (see also *Galeodea tuberculata*), 163, 173
tuberculiformis, *Galeodea*, 163, 173
tuberosa, *Columbella* (see also *Mitrella*), 16
 Mitrella, 16
 Tubulostium, 195
tularana, *Meretrix*, 66, 101
tularensis, *Siphonalia*, 194
tumata, *Gemma*, 164
TURBELLA, 206
TURBINELLA, 191, 206, 207
TURBO, 207
TURBONILLA, 207
TURCICA, 207
TURCICULA, 207
TURITELLA, see **TURRITELLA**
turneri, *Cancellaria*, 141
 Cardiomya, 32
 Cerithiopsis, 142
 Lucina (see also *Phacoides*), 59
 Pecten, 95
 Phacoides, 98
TURRICULA, 150, 153, 154, 185, 196, 197, 207, 208
TURRIS, 133, 157, 164, 184, 185, 192, 197, 208, 209
turris, *Purpura*, 189
turrispira, *Oenopota*, 15
turrita, *Loxotrema* (see also *L. turritum*), 168, 196
 Struthiolaria, 168, 196
TURRITELLA, 11, 13, 170, 209–227
turritum, *Loxotrema*, 168
TYPHIS, 227

ucalia, *Exilia*, 156
ucalius, *Fusinus*, 161
ullreyana, *Architectonica*, 131
 Drillia, 153, 154
umpquaensis, *Comus*, 148
 Homalopoma, 166
UMPQUAIA, 227
unda, *Arcopegia*, 30
UNDISCALA, 125

undosa, *Antigona*, 26
 Astraea, 131
undulata, *Periploma*, 96, 97
undulifera, *Tellina*, 116
unica, *Fissuridea*, 160
unicostata, *Syrnola*, 198
UNIO, 118
unioides, *Crassatella* (see also *Crassatellites*), 42
 Crassatellites, 42, 44
uniomeris, *Meretrix*, 67
unisulcatus, *Taras*, 113
UROMITRA, 228
UROSALPINX, 228
UROSYCA, 187, 228
wasalis, *Gyrineum*, 165
wasana, *Corbula* (see also *Kellia*), 41
 Crassatella (see also *Crassatellites*), 30, 42, 43, 44
 Crassatellites, 44
 Kellia, 41, 55
 Leda, 57
 Meretrix (see also *Pitar*; *Pitaria*), 63, 66, 67, 101
 Mitra, 172
 Natica, 177, 178
 Pitaria, 101, 102
 Surcula (see also *Turricula*), 198
 Turricula, 208
 Turritella, 209, 210, 212, 213, 216, 219, 222, 223, 225, 226
wasanus, *Pitar*, 67, 101, 102
wasula, *Vitrinella*, 228
UZITA, 175, 176

vacavillensis, *Acteon*, 126
 Ancilla, 130
 Dentalium, 124
 Mangilia, 169
 Metula, 171
 Odontostomia, 181
 Pecten, 95
 Tornatellaea, 202
valentini, *Chione*, 37
vallecitosensis, *Megacardita*, 65
 Venericardia (see also *Megacardita*), 65, 120
vancouverensis, *Pecten*, 86
vanvlecki, *Macoma*, 62
 Pecten, 95
 Turritella, 214, 224, 226, 227
vaquerosense, *Trachycardium*, 35
vaquerosensis, *Acirsa*, 125
 Anomia, 26
 Antigona, 26

- Cardium* (see also *Trachycardium*), 35
Ostrea, 78
Purpura (see also *Rapana*), 189
Rapana, 190, 191
Saxidomus, 105, 106
Tivela, 118
Trachycardium, 118
variata, *Turritella*, 216, 217, 224, 225, 226, 227
VARICORBULA, 39, 40
varicostata, *Epitonium*, 155
Opalia (see also *Epitonium* and *E. varicostatum*), 183
Turris (see also *T. varicostata*), 184, 197, 209
varicostatum, *Epitonium*, 155
varistriata, *Tegula*, 199
vaughani, *Pecten*, 85, 95
veatchii, *Glycymeris*, 11, 51, 52
Ostrea, 78
Pectunculus, 96
VELATES, 228
VENERELLA, 105, 118
VENERICARDIA, 16, 32, 65, 118, 119, 120
VENERICOR, 65, 119, 120
veneriformis, *Cardita*, 33
VENERUPIS, 50, 112, 120
VENTRICOLA, 26
ventricosa, *Cardita*, 13, 16
ventricosum, *Epitonium*, 155
venturaensis, *Acteon*, 126
Chrysodomus, 145
Lyonsia, 60
Pecten, 16
venturana, *Ostrea*, 78
Solenosteira, 195
venturensis, *Pinna*, 100
Venericardia, 120
VENUS, 96, 104, 120, 121
veronensis, *Modiolus*, 69
verticala, *Pitaria*, 102
verticordia, *Glycymeris*, 53
VERTIPECTEN, 86, 91
vespertina, *Cancellaria*, 141
Ostrea, 76, 77, 78
vestusta, see *vetusta*
vetusta, *Cancellaria*, 141
vickeryi, *Chione*, 37
Pecten, 95
vinosula, *Alvania*, 127
violeta, *Gemmula*, 164
virginalis, *Opis*, 74
virginiana, *Venus*, 121
virginica, *Ostrea*, 74, 76
viticola, *Glycymeris*, 53
Macoma, 62, 113
vitis, *Nucula*, 73
VITRINELLA, 228
voetus, *Fusinus*, 161
vogdesi, *Leda*, 57
volaeformis, *Lyropecten*, 60, 79, 85, 86
VOLSELLA, 68, 69, 121
VOLUTA, 228, 229
volutaeformis, *Hemifusus*, 166
Pseudoliva, 188
Tritonalia, 166
VOLUTATITHES, see **VOLUTILITHES**
VOLUTILITHES, 229
VOLUTOCORBIS, 229
VOLUTOCRISTATA, 183, 229
VOLUTOPSIUS, 229
VOLUTOSPINA, 229
VOLUTOSPIRA, 229
vorbei, *Cuspidaria*, 46
Tellina, 116
voyi, *Callista* (see also *Spisula*), 31, 111
Pleurotoma, 185
Spisula, 32, 111
VULSELLA, 121

wagneri, *Epitonium*, 155
waldorfensis, *Drillia*, 154
Nassa, 175
Ocinebra, 181
wardii, *Corbula*, 41
waringi, *Exilia*, 156, 157
Fusinus, 161
Hemifusus, 166
Turricula, 208
Turritella, 216, 227
washingtonensis, *Polinices*, 186
washingtoniana, *Bursa*, 136, 197
wattsii, *Chlamys*, 37, 95
Gemmula, 164, 197, 208
Homalopoma, 166
Monodonta (see also *Homalopoma*), 173
Pecten (see also *Chlamys*), 86, 90, 91, 95
wattsiana, *Terebra*, 200
weaveri, *Architectonica*, 131
Crassatellites, 44
Cyathodonta, 46
Macrocallista, 63
Ostrea, 79
Pecten, 95
Priscofusus, 187
Spisula, 111

- weddlei*, *Anadara*, 25, 30
Arca (see also *Anadara*), 30
wheallandensis, *Bullia*, 135
Siphonalia, 194
Thiara, 201
Turritella, 227
WHITNEYA, 195, 229
WHITNEYELLA, 145, 157, 162, 229
whitneyi, *Chione* (see also *Dosinia whitneyi*), 37
Murex, 174, 203
Muricopsis, 174
Nassa (see also *Nassarius*), 175
Nassarius, 176
Nyctilochus, 181
Tritonium (see also *Murex*; *Muricopsis*; *Nyctilochus*), 174, 203
whitneyi, *Dosinia*, 50
wiedeyi, *Ostrea*, 79
wilcoxi, *Macoma*, 62
wilkesana, *Fusus* (see also *Chicoreus wilkesanus*), 163
wilkesanus, *Chicoreus*, 143
williamsoni, *Corbicula*, 39
Epitonium, 155
Opalia, 155
willisi, *Antigona*, 26
wilsoni, *Drillia* (see also *Turricula*), 154, 208
Tellina, 116
Turricula, 208
woodfordi, *Adeorbis*, 126
Barbatia (see also *Porterius*), 31
Mitromorpha, 15
Porterius, 103
woodringi, *Cardium*, 35
xantusi, *Lucina* (see also *Phacoides*), 59
Phacoides, 98
XENAPHORA, see **XENOPHORA**
XENOPHORA, 229, 230
yatesi, *Venericardia*, 16
ynezana, *Ostrea*, 79
Tritonalia, 202
ynezanus, *Conus*, 148
yneziana, *Modiolus*, 69
Pecten, 95
ynezianus, *Modiolus*, 68, 69
YOLDIA, 16, 121, 122
ZIRFAEA, 99, 122
ZIRPHEA, see **ZIRFAEA**
zitteli, *Xenophora*, 229, 230
zizyphus, *Clavus*, 15
ZONARIA, 152

Publications of the Geological Society of America—Continued

25. DEVONIAN STRATIGRAPHY AND PALEONTOLOGY OF THE ROBERTS MOUNTAINS REGION, NEVADA. C. W. Merriam. 1940. 114 p., 16 pls., 7 figs. \$1.00.
26. PERMIAN AMMONOIDS OF THE GUADALUPE MOUNTAIN REGION AND ADJACENT AREAS. A. K. Miller and W. M. Furnish. 1940. 242 p., 44 pls., 59 figs. \$2.25.
27. BIBLIOGRAPHY OF FOSSIL VERTEBRATES 1928-1933. C. L. Camp and V. L. VanderHoof. 1940. 503 p. \$3.50.
28. REVIEW OF THE PELYCOSAURIA. A. S. Romer and L. I. Price. 1940. 538 p., 46 pls., 71 figs. \$3.50.
29. PHACOPID TRILOBITES OF NORTH AMERICA. D. M. Delo. 1940. 135 p., 13 pls. \$1.00.
30. PRELIMINARY REPORT ON THE CRETACEOUS AND TERTIARY LARGER FORAMINIFERA OF TRINIDAD, BRITISH WEST INDIES. T. W. Vaughan and W. S. Cole. 1941. 137 p., 46 pls., 2 figs. \$1.75.
31. SUBMARINE TOPOGRAPHY OFF THE CALIFORNIA COAST: CANYONS AND TECTONIC INTERPRETATION. F. P. Shepard and K. O. Emery. 1941. 171 p., 18 pls., 42 figs., 4 charts. \$3.25.
32. PALEOZOIC GASTROPOD GENOTYPES. J. B. Knight. 1941. 510 p., 96 pls., 32 figs. \$4.50.
33. NUMERICAL STRUCTURE FACTOR TABLES. M. J. Buerger (Out of stock).
34. SEISMICITY OF THE EARTH. Beno Gutenberg and C. F. Richter (Out of stock; possibly can be obtained from author at California Institute of Technology, Pasadena, Calif.)
35. GEOLOGY OF THE "MARTIC OVERTHRUST" AND THE GLENARM SERIES IN PENNSYLVANIA AND MARYLAND. Ernst Cloos and Anna Hietanen. 1941. 207 p., 28 pls., 58 figs. \$3.50.
36. HANDBOOK OF PHYSICAL CONSTANTS. Edited by Francis Birch, *Chairman, et al.* 1942. 325 p., 19 figs. \$1.40.
37. OZARKIAN AND CANADIAN CEPHALOPODS, PART I, NAUTILICONES. E. O. Ulrich, Aug. F. Foerste, A. K. Miller and W. M. Furnish. 1942. 157 p., 57 pls., 23 figs. \$2.00.
38. TEREBRATULOID BRACHIOPODA OF THE SILURIAN AND DEVONIAN. P. E. Cloud, Jr. 1942. 182 p., 26 pls., 17 figs. \$1.50.
39. EOCENE RADIOLARIAN FAUNAS FROM THE MT. DIABLO AREA, CALIFORNIA. B. L. Clark and A. S. Campbell. 1942. 112 p., 9 pls., 5 figs. \$0.85.
40. HADROSAURIAN DINOSAURS OF NORTH AMERICA. R. S. Lull and N. E. Wright. 1942. 242 p., 31 pls., 90 figs. \$2.25.
41. TERTIARY PRAIRIE GRASSES AND OTHER HERBS FROM THE HIGH PLAINS. M. K. Elias. 1942. 176 p., 17 pls., fig. \$1.50.
42. BIBLIOGRAPHY OF FOSSIL VERTEBRATES, 1934-1938. C. L. Camp, D. N. Taylor, and S. P. Welles. 1942. 663 p. \$4.75.
43. MIOCENE FISHES OF SOUTHERN CALIFORNIA. L. R. David. 1943. 193 p., 16 pls., 39 figs. \$1.70.
44. REVISION OF THE SUBORDERS, FAMILIES, AND GENERA OF THE SCLERACTINIA. T. W. Vaughan and J. W. Wells. 1943. 363 p., 51 pls., 39 figs. \$3.25.
45. BIBLIOGRAPHIC AND FAUNAL INDEX OF PALEOZOIC PELMATOZOAN ECHINODERMS. R. S. Bassler and M. W. Moody. 1943. 734 p. \$4.75.
46. EVOLUTION AND CLASSIFICATION OF PALEOZOIC CRINOIDS. R. C. Moore and L. R. Laudon. 1943. 153 p., 14 pls., 18 figs. \$1.00.
47. MESOZOIC AND CENOZOIC ARCIDAE FROM THE PACIFIC SLOPE OF NORTH AMERICA. P. W. Reinhart. 1943. 117 p., 15 pls., 3 figs. \$1.25.
48. NORTH AMERICAN PLEOSPONGIA. V. J. Okulitch. 1943. 112 p., 18 pls., 19 figs. \$1.25.
49. OZARKIAN AND CANADIAN CEPHALOPODS. PART II: BREVICONES. E. O. Ulrich, A. F. Foerste, and A. K. Miller. 1943. 240 p., 70 pls., 15 figs. \$2.50.
50. BIBLIOGRAPHY OF ECONOMIC GEOLOGY OF SOUTH AMERICA. J. T. Singewald, Jr. 1943. 159 p. \$0.80.
51. MIOCENE RADIOLARIAN FAUNAS FROM SOUTHERN CALIFORNIA. A. S. Campbell and B. L. Clark. 1944. 76 p., 7 pls. \$0.70.
52. GEOLOGY AND PALEONTOLOGY OF THE PERMIAN AREA NORTHWEST OF LAS DELICIAS, SOUTHWESTERN COAHUILA, MEXICO. R. E. King, C. O. Dunbar, P. E. Cloud, Jr., and A. K. Miller. 1944. 172 p., 45 pls., 29 figs. \$2.00.
53. STUDY AND REVISION OF *Archimedes* (HALL). G. E. Condra and M. K. Elias. 1944. 243 p., 41 pls., 6 figs. \$2.50.
54. EARLY UPPER CAMBRIAN FAUNAS OF CENTRAL MONTANA. Christina Lochman and Donald Duncan. 1944. 181 p., 19 pls., 2 figs. \$1.50.

Publications of The Geological Society of America

Publications may be purchased at indicated prices on order accompanied by remittance addressed to The Geological Society of America, 419 West 117 Street, New York 27, N. Y.

BULLETIN

Monthly. Subscription, \$10 per year; separate numbers \$1.00. Individual papers may be obtained either from the Society or from the author.

Ten-year indexes covering vols. 1-10; 11-20; 21-30; 31-40; 41-50. \$1.50 per copy.

PROCEEDINGS

Annually. Contains business of Annual Meeting, reports of committees, and memorials. \$1.50 per volume.

HISTORY

THE GEOLOGICAL SOCIETY OF AMERICA 1888-1930: A Chapter in Earth Science History. By H. L. Fairchild. 1932. 232 p., 18 pls. \$2.50.

GEOLOGY, 1888-1938: Fiftieth Anniversary Volume. By 21 authors. 1941. 578 p., 15 figs. \$3.00.

BIBLIOGRAPHY OF GEOLOGY EXCLUSIVE OF NORTH AMERICA

Annually, 1933-1940; biennially, 1941-. By J. M. Nickles, Marie Siegrist, and Eleanor Tatge. Vols. 1-8, inclusive, \$2.50 per volume; Volume 9, \$2.75.

MEMOIRS

Occasionally. Continuing orders accepted.

1. STRATIGRAPHY OF WESTERN NEWFOUNDLAND. Charles Schuchert and C. O. Dunbar. 1934. 123 p., 11 pls., 8 figs. \$2.00.
2. PALEOZOIC PLANKTON OF NORTH AMERICA. Rudolf Ruedemann. 1934. 141 p., 26 pls., 6 figs. \$2.00.
3. EVOLUTION OF THE CONGO BASIN. A. C. Veatch. 1935. 183 p., 10 pls., 8 figs. \$1.75.
4. GEOLOGY IN THE COASTAL ATLAS OF WESTERN ALGERIA. R. van V. Anderson. 1936. 450 p., 19 pls., 2 figs. \$3.50.
5. STRUCTURAL BEHAVIOR OF IGNEOUS ROCKS. Robert Balk. 1937. 177 p., 24 pls., 38 figs. \$1.75.
6. STRUCTURAL PETROLOGY. E. B. Knopf and Earl Ingerson. 1938. 270 p., 27 pls., 81 figs. \$2.25.
7. ADIRONDACK IGNEOUS ROCKS AND THEIR METAMORPHISM. A. F. Buddington. 1939. 354 p., 21 pls., 30 figs. \$3.25.
8. THE UNIVERSAL STAGE. R. C. Emmons. 1943. 205 p., 13 pls., 95 figs. \$2.00.

SPECIAL PAPERS

Occasionally. Continuing orders accepted.

1. BIBLIOGRAPHIC INDEX OF PALEOZOIC OSTRACODA. R. S. Bassler and Betty Kellett. 1934. 500 p., 24 figs. \$2.50.
2. FOSSIL CRUSTACEA OF THE ATLANTIC AND GULF COASTAL PLAIN. M. J. Rathbun. 1935. 160 p., 26 pls., 2 figs. \$1.25.
3. FOSSIL NON-MARINE MOLLUSCA OF NORTH AMERICA. Junius Henderson. 1935. 313 p. \$1.75.
4. NUCULID BIVALVES OF THE GENUS ACILA. H. G. Schenck. 1936. 149 p., 18 pls., 15 figs. \$1.25.
5. GEOLOGY OF SAINT JOHN, NEW BRUNSWICK. A. O. Hayes and B. F. Howell. 1937. 146 p., 9 pls., 4 figs. \$1.25.
6. HISTORY OF THE GRAND CANYON OF THE YELLOWSTONE. A. D. Howard. 1937. 159 p., 21 pls., 31 figs. \$1.50.
7. ATLANTIC SUBMARINE VALLEYS OF THE UNITED STATES AND THE CONGO SUBMARINE VALLEY. A. C. Veatch and Paul A. Smith. 1939. 101 p., 5 charts, 10 pls., 28 figs. \$4.00.
8. MIDDLE DEVONIAN CORALS OF OHIO. G. A. Stewart. 1938. 120 p., 20 pls., 2 figs. \$1.25.
9. FOSSIL SNAKES OF NORTH AMERICA. C. W. Gilmore. 1938. 96 p., 4 pls., 38 figs. \$0.75.
10. STRATIGRAPHY AND MOLLUSCA OF THE EOCENE OF WESTERN OREGON. F. E. Turner. 1938. 130 p., 22 pls., 7 figs. \$1.25.
11. GEOLOGY AND PALEONTOLOGY OF THE MINGAN ISLANDS, QUEBEC. W. H. Twenhofel. 1938. 132 p., 24 pls., 1 fig. \$1.25.
12. TERTIARY FLORA FROM THE RIO PICHILEUFU, ARGENTINA. E. W. Berry. 1938. 149 p., 56 pls., 11 figs. \$1.75.
13. OZARKIAN AND CANADIAN BRACHIOPODA. E. O. Ulrich and G. A. Cooper. 1938. 323 p., 58 pls., 14 figs. \$3.25.
14. DEVONIAN AMMONOIDS OF AMERICA. A. K. Miller. 1938. 262 p., 39 pls., 41 figs. \$2.25.
15. CAMBRIAN SYSTEM (RESTRICTED) OF THE SOUTHERN APPALACHIANS. C. E. Resser. 1938. 140 p., 16 pls. \$1.25.
16. LOWER CRETACEOUS DEPOSITS IN CALIFORNIA AND OREGON. F. M. Anderson. 1938. 339 p., 84 pls., 3 figs. \$3.50.
17. PENNSYLVANIAN CORRELATIONS IN THE EASTERN INTERIOR AND APPALACHIAN COAL FIELDS. H. R. Wanless. 1939. 130 p., 9 pls., 8 figs. \$1.25.
18. CAMBRIAN STRATIGRAPHY AND TRILOBITES OF NORTHWESTERN MONTANA. Charles Deiss. 1939. 135 p., 18 pls., 7 figs. \$1.25.
19. CAMBRIAN MEROSTOMATA. G. O. Raasch. 1939. 146 p., 21 pls., 14 figs. \$1.25.
20. GEOLOGY ALONG THE SOUTHERN MARGIN OF THE ABSAROKA RANGE, WYOMING. J. D. Love. 1939. 134 p., 17 pls., 3 figs. \$1.50.
21. PALEONTOLOGY AND STRATIGRAPHY OF THE SILURIAN ROCKS OF THE PORT DANIEL-BLACK CAPE REGION, GASPE. S. A. Northrop. 1939. 302 p., 28 pls., 1 fig. \$2.50.
22. LOWER MISSISSIPPIAN ROCKS OF THE EAST-CENTRAL INTERIOR. P. B. Stockdale. 1939. 248 p., 26 pls., 2 figs. \$2.00.
23. BIBLIOGRAPHIC INDEX OF NORTH AMERICAN DEVONIAN CEPHALOPODA. E. M. Kindle and A. K. Miller. 1939. 179 p. \$1.00.
24. CONTRIBUTIONS TO A KNOWLEDGE OF THE LEAD AND ZINC DEPOSITS OF THE MISSISSIPPI VALLEY REGION Edited by E. S. Bastin (Out of stock).

(Continued on inside back cover)