

# INDEX.

	Page.		Page.
abdominalis, Phryxus.....	220	Amia americana.....	239, 256
abildgaardi, Sparisoma.....	247	scillicauda.....	239
Abudefduf marginatus.....	245, 256	Ampelisca agassizi.....	481
saxatilis, examined for entozoa.....	400	compressa.....	480
taurus.....	245	macrocephala.....	479
abyssorum, Hyperoche.....	464	spinipes.....	480
Acauthobothrium parasitic in fishes.....	331	Amphipoda, general characters and structure.....	460
Acanthocephala in fishes at Beaufort.....	330	of southern New England.....	459-529
acanthonotus, Benthopecten, new species.....	299	Amphithoë longimana.....	509
Acanthozona cuspidata.....	491	rubricata.....	510
Acteis macropus.....	254	nalis, Lutianus.....	241
moorci.....	254	Pomacentrus.....	245
aculeata, Rhachotropis.....	493	Anchorella parasitic in fishes.....	336
acuminatus, Eques.....	244	Anchovia brownii.....	233
Myrichthys.....	233	perfasciata.....	233
adscensionis, Epinephelus.....	239	Anguilla chrisypa, entozoa of.....	351
adpersus, Tautogolabrus.....	256	japonica, cultivation in Japan.....	274
aduncum, Distomum, new species.....	409	anguipes, Ischyrocerus.....	513
Æga symmetrica, new species.....	211	angulosus, Gammarellus.....	508
Ægina pachyderma.....	58	angustata, Roelnela.....	214
Æginella longicornis.....	525	Anisotremus surinamensis.....	243
Æginidæ.....	58	virginicus.....	243
Æquorea albidæ.....	52	annulatus, Gammarus.....	501
Æquoreidæ, key to genera.....	51	anomalum, Campostoma.....	226
affinis, Fierasfer.....	255	Anonyx nugax.....	472
agassizi, Ampelisca.....	481	Antennarius multiocellatus.....	256
agassizii, Corynitis.....	42	ocellatus.....	256
Aglantha conica.....	56	Anthobothrium parasitic in fishes.....	331
digitalis.....	55	Anthocephalum parasitic in fishes.....	331
Aglaura hemistoma.....	55	Anthomedusæ of Woods Hole.....	28, 29
Agauridæ, key to genera.....	55	Anthophysa formosa.....	60
Ahlia egmontis.....	233	Apherusa gracilis, new species.....	495
Alaria, uses.....	147, 181	apicata, Stomatoca.....	35
alascensis, Pseudarchaster, new species.....	303	apodus, Lutianus.....	241
Alaska isopods.....	209-221	Apomotis cyanellus.....	227
starfishes, new species.....	291-320	apua, Mycteroperca venenosa.....	240
alaskensis, Holophryxus, new species.....	221	aquilonaris, Etelides.....	241, 256
alata, Bollna.....	72	Area granosa, culture in Japan.....	284
alba, Lysianopsis, new species.....	475	Archosargus probatocephalus.....	243
albida, Æquorea.....	52	entozoa of.....	382
albirostris, Corythoichthys.....	235	aretea, Cyanea.....	68
Albula vulpes.....	232	arctifrons, Calamus.....	243
album, Hæmulon.....	242	arcuatus, Pomacanthus.....	248
Alectis ciliaris.....	237	arenarius, Haustorius.....	476
Algæ utilized in Japan.....	133-165, 288	Argeia pugettensis.....	220
Allorchestes littoralis.....	472	Argulus alosæ.....	121
alosa, Argulus.....	121	catostomi.....	123
Alutera schœpfi, entozoa of.....	401	funduli.....	125
Amanori.....	155-160	in Woods Hole region.....	115-131
americana, Amia.....	239, 256	key to species at Woods Hole.....	121
americanus, Hemitripterus.....	250	laticauda.....	127
Menticirrhus.....	244	list of hosts at Woods Hole.....	131
Pseudopleuronectes.....	256	megalops.....	129

	Page.		Page.
Argulus parasitic in fishes .....	115-131, 336	Bougainvillia superciliaris .....	40
parasitism of .....	118-121	Brachiella parasitic in fishes .....	336
Ark-shell, culture in Japan .....	284	brachycephalus, Syngnathus .....	235
Arthrothamnus, uses of .....	147	Brachygenys chrysgaryreus .....	242
Ascaris parasitic in fishes .....	330	brasiliensis, Hemiramphus .....	234
ascensionis, Holocentrus .....	236	Scorpana .....	250
Ascophyllum nodosum, uses of .....	175	Brevoortia tyrannus, entozoa of .....	352
Aspidogaster parasitic in fishes .....	333	Brisinga exilis, new species .....	318
ringens, new species .....	367, 397	Brisingida .....	318
Astropectinidæ .....	295	brownii, Anchovia .....	233
Atherina laticeps .....	235	Byblis serrata .....	482
atlanticus, Tarpon .....	232	Calamus aretifrons .....	243
Atolla bairdii .....	67	bajonado .....	243
verrilli .....	67	calamus .....	243
atromaculatus, Semotilus .....	226	calamus, Calamus .....	243
Auchenopterus fasciatus .....	254	calcarata, Laodicea .....	43
Aulostomus chinensis .....	234	California starfishes, new species .....	291-320
Aurelia flavidula .....	67	californica, Hippasteria, new species .....	310
auricula, Haliclystus .....	63	Caligus parasitic in fishes .....	336
aurifrons, Gnathypops, new species .....	252	Calliobothrium parasitic in fishes .....	330
aurolineatum, Bathystoma .....	242	Calliopus laeviusculus .....	494
Autonoë smithi, new species .....	516	Callyodon cœruleus .....	248
Avicula martensii, culture in Japan .....	283	croicensis .....	247
aya, Lutjanus .....	241	evermanni .....	248
bachei, Nemopsis .....	41	punctulatus .....	247
baculum, Gasterostomum, new species .....	362	vetula .....	247
Badderlocks, uses of .....	161	campanula, Melicertum .....	44
Bairdiella chrysuræ, entozoa of .....	387	campanulifera, Diphyopsis .....	60
bairdii, Atolla .....	67	Campostoma anomalum .....	226
bajonado, Calamus .....	243	Campylæphora hypneoides, uses of .....	165
Balanus sp., culture in Japan .....	287	Cannostoma .....	65
Balistes carolinensis .....	249	Cannotidæ, key to genera .....	45
vetula .....	249	Cantherines pullus .....	249
Barnacles, culture in Japan .....	287	Canthidermis sobaco .....	256
barracuda, Sphyraena .....	236	capistratus, Chaetodon .....	248
bartholomæi, Caranx .....	237, 256	Caprella geometrica .....	526
Batea secunda, new species .....	499	linearis .....	526
Bathyblaster pectinatus, new species .....	295	septentrionalis .....	527
Bathyluca solaris .....	66	Caprellidea, key to genera .....	525
Bathystoma aurolineatum .....	242	cara, Cupulita .....	60
rimator .....	242	Caranx bartholomæi .....	237, 256
striatum .....	242	chrysos .....	237
Beaufort fishes, parasites of .....	321-428	hippos .....	237, 256
belliceps, Rocinela .....	213	entozoa of .....	365
Benthopecten acanthonotus, new species .....	299	latus .....	237
Benthopectinidæ .....	299	Carassius auratus, culture of .....	266
Beroe cucumis .....	73	Carcharhinus milberti, entozoa of .....	341
ovata .....	73	obscurus, entozoa of .....	339
beryllinus, Cryptotomus .....	247	Carcharias lamia .....	232
bicaudalis, Lactophrys .....	249	Carinogammarus mucronatus .....	503
bicophora, Clytia .....	46	carnea, Podocoryne .....	38
bifasciatum, Thalassoma .....	246	carolinensis, Balistes .....	249
bipartita, Diphyes .....	59	Bougainvillia .....	39
bipinnulatus, Elagatis .....	237	carolinus, Trachinotus .....	238
birostris, Manta .....	232	Carp culture in Japan .....	273
biseriatis, Peribolaster, new species .....	313	Carpiodes velifer .....	226
bispinosa, Euthemisto .....	465	Carrageen, uses of .....	165
bivittatus, Halicheres .....	246	cataractæ dulcis, Rhinichthys .....	227
Blennius cristatus .....	255	catostomi, Argulus .....	123
favosus .....	254	Catostomus commersonii .....	226
Boleosoma nigrum .....	227	griseus .....	226
Bolina alata .....	72	cavalla, Scomberomorus .....	237
Bolinidæ .....	72	cayorum, Corythoichthys .....	235
Bomolochus parasitic in fishes .....	336	Ogilbia .....	255
Bopyridæ .....	218	cayuga, Notropis .....	227
Bopyroides hippolytes .....	218	centrata concentrica, Malaclemmys .....	16
Bougainvillia carolinensis .....	39	Malaclemmys .....	14
gibbsi .....	40	Centropristes striatus, entozoa of .....	375

INDEX.

533

	Page.		Page.
Cephalacanthus volitans.....	250	Coryphæna hippurus.....	238
Cephalopholis cruentatus.....	239	entozoa of.....	372
fulvus.....	239	Corythoichthys albrostris.....	235
cephalus, Mugil.....	235	cayorum.....	235
Cerapus tubularis.....	517	Couesius dissimilis.....	227
cerasiformis, Liriope.....	56	crassus, Odontaster, new species.....	302
Cerutacanthus schoepfi.....	249	cristatus, Blennius.....	255
Cercariae in fishes.....	333	croicensis, Callyodon.....	247
Cestida.....	73	Crossobothrium parasitic in fishes.....	331
Cestoda in fishes of Beaufort.....	331	cruciata, Phialis.....	50
Cestus veneris.....	73	cruentatus, Cephalopholis.....	239
Chaetodipterus faber.....	248	Priacanthus.....	241
entozoa of.....	400	Cryptopeltaster, new genus.....	311
Chaetodon capistratus.....	248	lepidonotus, new species.....	311
ocellatus.....	248	Cryptotomus beryllinus.....	247
Chanos salmoncus, culture in Formosa.....	277	Ctenophora of Woods Hole.....	28, 70
Charybdea verrucosa.....	65	Cubomedusæ.....	62, 64
Chelura terebrans.....	508	cucumis, Beroc.....	73
Chilomycterus schoepfi.....	249	Culture of marine and fresh-water animals in Japan.....	257-289
entozoa of.....	403	ark-shell.....	284
experiments with.....	190	barnacles.....	287
chinensis, Aulostomus.....	234	carp.....	273
Chloroscombrus chrysurus.....	237	eels.....	274-275
Chondracanthus parasitic in fishes.....	336	Gastropoda.....	287
Chondrus crispus, uses of.....	165, 169	gold-fish.....	266
ocellatus, uses of.....	165	gray mullet.....	275
Chordaria abietina, uses of.....	164	miscellaneous mollusks.....	288
Chromis insolatus.....	544	oyster.....	278
Chrosomus erythrogaster.....	226	pearl oyster.....	283-284
chrysargyreus, Brachygenys.....	242	Pinna.....	287
chrysos, Caranx.....	237	razor clam.....	286
chrysurus, Chloroscombrus.....	237	salmon.....	276
Microspathodon.....	246	seaweeds.....	133-181, 288
Oocyurus.....	241	snapping turtle.....	260-266
cicada, Hoplonyx.....	474	trepang.....	288
ciliaris, Alectis.....	237	trout.....	276-277
Holacanthus.....	248	Cunanthidæ.....	57
ellatus, Monacanthus.....	249	Cunina discoides.....	57
cinereum, Xystæma.....	243	Cupulita cara.....	60
cirratum, Ginglymostoma.....	282	curema, Mugil.....	235
Cladonemidæ, key to genera.....	41	cuspidata, Acanthozonc.....	491
cladophora, Gemmaria.....	42	cuspidatus, Eusirus.....	493
Clam, razor, culture in Japan.....	286	Siphonocetes.....	522
clavata, Dipurella.....	31	Cyanea arctica.....	68
Clytia bicophora.....	46	Cyaneidæ.....	68
nolliformis.....	47	cyanella, Pelagia.....	70
Codium lindenbergl, uses of.....	164	cyanellus, Apomotis.....	227
mucronatum, uses of.....	164	cyanophrys, Psenes.....	238
tomentosum, uses of.....	164	Cydippidæ.....	71
Codonidæ, key to genera.....	29	cylindricum, Corophium.....	521
cœruleus, Callyodon.....	248	Cynoscion nebulosus, entozoa of.....	385
Hepatus.....	248	regalis, entozoa of.....	384
Colorado, fishes of Boulder County.....	228-227	Cyprinus carpio, culture in Japan.....	273
commersonii, Catostomus.....	226	cypris, Stenothoë, new species.....	484
commissuralis, Obelia.....	48	Cypselurus furcatus.....	234
compressa, Ampeliscæ.....	480	Cystophyllum fusiforme, uses of.....	183
Euthemisto.....	464	Dactylocotyle parasitic in fishes.....	383
compta, Grubia.....	510	Dactylometra quinquecirra.....	69
concentrica, Malaaclemmys centrata.....	16	Dajidæ.....	220
conica, Aglantha.....	56	danmonensis, Microdeutopus.....	515
Dipurena.....	31	Dasyatis say, entozoa of.....	346
Copepoda in fishes of Beaufort.....	336	Decapterus punctatus.....	237
Corbicula atrata, culture in Japan.....	288	dentata, Melita.....	504
cornutus, Notropis.....	227	dentex, Odontoseion.....	244
Corophium cylindricum.....	521	Dexamine thea.....	498
corpulentum, Distomum, new species.....	378, 382	diademata, Tiaropsis.....	49
Corynitis agassizii.....	42	Diamond-back terrapin.....	1-20
Coryphæna equisetis, entozoa of.....	378	age attained.....	18

	Page.		Page.
Diamond-back terrapin, bibliography.....	4	<i>Eques lanceolatus</i> .....	244
differences due to age.....	12	<i>pulcher</i> .....	244
generic synonymy.....	4	<i>Eremicaster</i> , new subgenus.....	293
malformations.....	13	<i>Ergasilus</i> parasitic in fishes.....	336
natural history.....	10	<i>Ericteis kalishera</i> .....	254
sexual differences.....	11	<i>Ericthonius minax</i> .....	519
species.....	14	<i>rubricornis</i> .....	518
<i>diaphana</i> , <i>Obelia</i> .....	48	<i>erythrogaster</i> , <i>Chrosomus</i> .....	226
<i>Dibothrium</i> parasitic in fishes.....	331	<i>Etelides aquilonaris</i> .....	241, 256
<i>Diclidophora</i> parasitic in fishes.....	333	<i>Etheostoma iowæ</i> .....	227
<i>Digenea simplex</i> , uses of.....	165	<i>Etropus crossotus</i> , entozoa of.....	415
<i>digitalis</i> , <i>Aglantha</i> .....	55	<i>Euchellota duodecimalis</i> .....	46
<i>Diodon holacanthus</i> .....	249	<i>ventricularis</i> .....	46
<i>hystrix</i> .....	249	<i>Eucinostomus gula</i> .....	243
<i>diomedæ</i> , <i>Nauphantopsis</i> .....	66	entozoa of.....	383
<i>Diphyes bipartita</i> .....	59	<i>pseudogula</i> .....	243
<i>Diphyopsis campanulifera</i> .....	60	<i>harengulus</i> .....	243
<i>Diplectrum formosus</i> .....	240	<i>Eucopidæ</i> , key to genera.....	45
<i>Diplodus holbrookii</i> .....	243	<i>Euphysa virgulata</i> .....	33
entozoa of.....	383	<i>Eusirus cuspidatus</i> .....	493
<i>Dipsacaster eximius</i> , new species.....	296	<i>Euthemisto bispinosa</i> .....	465
<i>Dipurella</i> .....	31	<i>compressa</i> .....	464
<i>clavata</i> .....	31	<i>Eutima limpida</i> .....	46
<i>Dipurena conica</i> .....	31	<i>mira</i> .....	45
<i>strangulata</i> .....	30	<i>evermanni</i> , <i>Callyodon</i> .....	248
<i>discoides</i> , <i>Cunina</i> .....	57	<i>Leuciscus</i> , new species.....	226
<i>Discomedusa</i> .....	62, 65	<i>Zoroaster</i> ( <i>Myxoderma</i> ), new species.....	317
<i>dissimilis</i> , <i>Couesius</i> .....	227	<i>Eviota personata</i> , new species.....	251
<i>distinctum</i> , <i>Sparisoma</i> .....	247	<i>Excectides egregius</i> , new species.....	253
<i>Distomum aduncum</i> , new species.....	409	<i>exilis</i> , <i>Brisinga</i> , new species.....	318
<i>corpulentum</i> , new species.....	378, 382	<i>eximius</i> , <i>Dipsacaster</i> , new species.....	296
<i>imparispine</i> , new species.....	371	<i>faber</i> , <i>Chaetodipterus</i> .....	248
<i>inconstans</i> , new species.....	400	<i>falcatus</i> , <i>Trachinotus</i> .....	237
parasitic in fishes.....	333	<i>fasciata</i> , <i>Seriola</i> .....	237, 256
<i>pectinatum</i> , new species.....	366, 389	<i>fasciatus</i> , <i>Auchenopterus</i> .....	254
<i>Doratonotus megalepis</i> .....	246	<i>favosus</i> , <i>Blennius</i> .....	254
<i>dulcis</i> , <i>Rhinichthys cataractæ</i> .....	227	<i>fecunda</i> , <i>Freyella</i> , new species.....	319
<i>Dulse</i> , uses of.....	172	<i>femorata</i> , <i>Pontoporeia</i> .....	476
<i>dumerilii</i> , <i>Seriola</i> .....	237	<i>Fierasfer affinis</i> .....	255
<i>duodecimalis</i> , <i>Eucheilota</i> .....	46	<i>Filaria galeata</i> , new species.....	344, 374
<i>Dysmorphosa fulgurans</i> .....	38	parasitic in fishes.....	330
<i>Dytaster gilberti</i> , new species.....	300	Fish culture in Formosa.....	277
<i>Echeneibothrium</i> parasitic in fishes.....	331	Japan.....	266-277
<i>Echinorhynchus</i> parasitic in fishes.....	330	Fish parasites.....	115-131, 321-428
<i>Ecklonia</i> , uses of.....	162, 163	Fishes collected in Boulder County, Colo.....	223-227
<i>Ectopleura ochracea</i> .....	32	functions of lateral-line organs in.....	183-207
<i>edwardsi</i> , <i>Monoculodes</i> , new species.....	487	of Beaufort, parasites of.....	321-428
<i>Eel</i> culture in Japan.....	274	the Tortugas.....	229-256
<i>egmontis</i> , <i>Ablia</i> .....	233	<i>Fistularia serrata</i> .....	235
<i>egregius</i> , <i>Excectides</i> , new species.....	253	<i>flavescens</i> , <i>Sparisoma</i> .....	247
<i>Elacatinus oceanops</i> .....	252	<i>flavidula</i> , <i>Aurelia</i> .....	67
<i>Elagatis bipinnulatus</i> .....	237	<i>flavolineatum</i> , <i>Hæmulon</i> .....	242
<i>Elasmopus lævis</i> .....	507	<i>floripinnis</i> , <i>Fundulus</i> .....	227
<i>Elops saurus</i> .....	232	<i>fotens</i> , <i>Synodus</i> .....	233
entozoa of.....	352	<i>folleata</i> , <i>Epenthesia</i> .....	50
<i>elucens</i> , <i>Syngnathus</i> .....	235	<i>Formosa</i> , fish culture in.....	277
<i>Enteromorpha</i> , uses of.....	164	<i>formosa</i> , <i>Anthophysa</i> .....	60
<i>Entozoa</i> of fishes at Beaufort.....	321	<i>Tima</i> .....	47
<i>Epenthesia folleata</i> .....	50	<i>formosum</i> , <i>Diplectrum</i> .....	240
<i>Ephyridæ</i> , key to genera.....	66	<i>Freyella fecunda</i> , new species.....	319
<i>Ephyroides rotiformis</i> .....	66	<i>fuscus</i> , <i>Pomacentrus</i> .....	244
<i>Epimeria loricata</i> .....	491	<i>Fucus</i> , uses of.....	175
<i>Epinephelus adscensionis</i> .....	239	<i>fulgurans</i> , <i>Dysmorphosa</i> .....	38
<i>maculosus</i> .....	239	<i>fulvocinctus</i> , <i>Halirages</i> .....	495
<i>morio</i> .....	240	<i>fulvus</i> , <i>Cephalopholis</i> .....	239
<i>striatus</i> .....	240	<i>funduli</i> , <i>Argulus</i> .....	125
<i>episcopalis</i> , <i>Turris</i> .....	36	<i>Fundulus floripinnis</i> .....	227
<i>Eques acuminatus</i> .....	244	<i>heteroclitus</i> , entozoa of.....	356

	Page.		Page.
<i>Fundulus heteroclitus</i> , experiments with	190	<i>guttata</i> , <i>Promicrops</i>	240
<i>majalis</i> , entozoa of	355	<i>Gymnogondrus flabelliformis</i> , uses of	165
experiments with	190	<i>Gymnothorax funebris</i>	234
<i>zebrinus</i>	227	<i>moringa</i>	234
<i>funebri</i> , <i>Gymnothorax</i>	234	<i>gyrans</i> , <i>Querimana</i>	235
<i>Funori</i>	143	<i>haeckelii</i> , <i>Protigara</i>	34
<i>furcatus</i> , <i>Cypselurus</i>	234	<i>Hæmulon album</i>	242
<i>furcilliger</i> , <i>Lophaster</i> , new species	312	<i>flavolineatum</i>	242
<i>fusiformis</i> , <i>Obelia</i>	49	<i>macrostomum</i>	242
<i>Fusus inconstans</i> , cultivation in Japan	288	<i>melanurum</i>	242
<i>galba</i> , <i>Hyperia</i>	464	<i>parra</i>	242
<i>galeata</i> , <i>Filaria</i> , new species	344, 374	<i>plumieri</i>	242
<i>Galeichthys milberti</i> , entozoa of	349	<i>sciurus</i>	242
<i>Gammarellus angulosus</i>	508	<i>Halichæres bivittatus</i>	246
<i>Gammaridea</i>	465	<i>maculipinna</i>	246
key to genera	466	<i>radiatus</i>	246
<i>Gammarus annulatus</i>	501	<i>Halicystus auricula</i>	63
<i>locusta</i>	500	<i>salpinx</i>	63
<i>marinus</i>	502	<i>Halicystus lagena</i>	64
<i>Gasterostomum baculum</i> , new species	362	<i>Halirages fulvocinctus</i>	495
<i>gorgon</i> , new species	364	<i>Halopsis ocellata</i>	51
parasitic in fishes	335	<i>Harengula humeralis</i>	233
<i>Gastropoda</i> , culture in Japan	237	<i>macrophthalmia</i>	233
<i>gelatinosa</i> , <i>Obelia</i>	48	<i>sardina</i>	233
<i>Gelidium</i> , uses	137, 171	<i>harengulus</i> , <i>Eucinostomus</i>	243
<i>gemma</i> , <i>Hypoplectrus</i>	240	<i>Harpinia plumosa</i>	478
<i>Gemmaria</i>	41	<i>Haustorius arenarius</i>	476
<i>cladophora</i>	42	<i>heathi</i> , <i>Hippasteria</i> , new species	309
<i>geometrica</i> , <i>Caprella</i>	526	<i>Hemiramphus brasiliensis</i>	234
<i>Geryonidae</i> , key to genera	56	<i>hemistoma</i> , <i>Aglaura</i>	55
<i>gibba</i> , <i>Pterophryne</i>	255, 256	<i>Hemitripterus americanus</i>	250
<i>gibbsi</i> , <i>Bougainvillia</i>	40	<i>Hepatus cœruleus</i>	248
<i>Gigartina teedii</i> , uses of	165	<i>hepatus</i>	248
<i>gilberti</i> , <i>Dytaster</i> , new species	300	<i>Heterakis</i> parasitic in fishes	330
<i>Gillellus semicinctus</i>	253	<i>Hippasteria californica</i> , new species	310
<i>Ginglymostoma cirratum</i>	232	<i>heathi</i> , new species	309
<i>glaber</i> , <i>Sympleustes</i>	490	key to species	308
<i>glaucofrænum</i> , <i>Rhinogobius</i>	251	<i>Hippasteriinae</i>	308
<i>glesne</i> , <i>Regalecus</i>	255	<i>Hippocampus hudsonius</i>	235, 256
<i>Gloiopeltis</i> , uses and culture in Japan	144, 288	<i>punctulatus</i>	235
<i>Glossocodon tenuirostris</i>	57	<i>stylifer</i>	235
<i>Glue</i> , seaweed	143	<i>hippolytes</i> , <i>Bopyroides</i>	218
<i>Gnatholepis thompsoni</i>	251	<i>Hippomedon serratus</i> , new species	473
<i>Gnathypops aurifrons</i> , new species	252	<i>Hippopodius luteus</i>	60
<i>maxillosa</i>	252	<i>hippos</i> , <i>Caranx</i>	237, 256
<i>Gobiomorus gronovii</i>	238	<i>hippurus</i> , <i>Coryphæna</i>	238
<i>Gold-fish</i> culture in Japan	266	<i>hispidus</i> , <i>Monacanthus</i>	249, 256
<i>Goniasteridae</i>	306	<i>Holacanthus ciliaris</i>	248
<i>Goniasterinae</i>	306	<i>tricolor</i>	248
<i>Gonionemus murbachii</i>	53	<i>holacanthus</i> , <i>Diodon</i>	249
<i>goodei</i> , <i>Trachinotus</i>	238	<i>hölbölli</i> , <i>Phoxocephalus</i>	477
<i>gorgon</i> , <i>Gasterostomum</i> , new species	364	<i>holbrookii</i> , <i>Diplodus</i>	248
<i>Gracilaria confervoides</i> , uses of	165	<i>holmcsii</i> , <i>Tole</i> , new species	216
<i>gracilis</i> , <i>Apherusa</i> , new species	495	<i>Holocentrus ascensionis</i>	236
<i>Sphæronectes</i>	61	<i>siccifer</i>	236
<i>grandicornis</i> , <i>Scorpena</i>	250	<i>tortuga</i> , new species	236
<i>grata</i> , <i>Lizzia</i>	39	<i>Holophryxus</i> , new genus	220
<i>Grateloupia</i> , uses of	165	<i>alaskensis</i> , new species	220
<i>Gregarines</i> parasitic in fishes	335	<i>hooperi</i> , <i>Stylactis</i>	41
<i>griseus</i> , <i>Catostomus</i>	226	<i>hoplomystax</i> , <i>Sparisoma</i>	247
<i>Lutianus</i>	241	<i>Hoplonyx cicada</i>	474
<i>grœnlandica</i> , <i>Metopa</i>	493	<i>hudsonius</i> , <i>Hippocampus</i>	235, 256
<i>Zygodactyla</i>	52	<i>humeralis</i> , <i>Harengula</i>	233
<i>gronovii</i> , <i>Gobiomorus</i>	238	<i>humilis</i> , <i>Periphylla</i>	64
<i>Grubia compta</i>	510	<i>hyacinthina</i> , <i>Periphylla</i>	64
<i>gryllotalpa</i> , <i>Microdeutopus</i>	514	<i>Hybocodon pendula</i>	34
<i>guacamala</i> , <i>Pseudoscarus</i>	248	<i>prolifer</i>	33
<i>gula</i> , <i>Eucinostomus</i>	243	<i>Hybognathus nuchalis</i>	226

	Page.		Page.
Hybopsis kentuckiensis .....	227	Lachnolaimus maximus .....	246
hyoptera, Lesueurina .....	72	laciniata, Staurostoma .....	43
Hydrichthys mirus .....	32	lactea, Ptychogena .....	45
Hydromedusæ of Woods Hole .....	28	Lactophrys bicaudalis .....	249
Hymenaster quadrispinosus, new species .....	315	tricornis .....	249
Hyperia galba .....	464	trigonus .....	249
medusarum .....	464	triqueter .....	249
Hyperideæ .....	463	lævigatus, Spheroides .....	249
Hyperida, key to genera .....	463	lævis, Elasmopus .....	507
Hyperoche abyssorum .....	461	læviusculus, Calliopus .....	494
Hypophthalmichthys molitrix, culture in Formosa .....	277	Lafystius sturionis .....	492
Hypoplectrus gemma .....	240	lagena, Halicyathus .....	64
unicolor .....	240	Lagodon rhomboides .....	243
nigricans .....	240	entozoa of .....	380
Hyporhamphus roberti, entozoa of .....	358	lalandi, Seriola .....	237
unifasciatus .....	234	lamia, Carcharias .....	232
Hypsoblennius henz, entozoa of .....	410	Laminaria, uses of .....	147
hystrix, Diodon .....	249	lanccolatus, Eques .....	244
Ichthyonema parasitic in fishes .....	330	languida, Oceania .....	50
Idotea ochotensis .....	216	Laodicea calcarata .....	43
rescata .....	216	Lateral-line organs in fishes, functions of .....	183-207
wosnesenskii .....	216	laticauda, Argulus .....	127
imparispine, Distomum, new species .....	371	laticeps, Atherina .....	235
incisor, Kyphosus .....	243	latipes, Sympleustes .....	490
inconstans, Distomum, new species .....	400	latus, Caranx .....	237
inermis, Pontogeneia .....	496	Laver utilized in Japan .....	155
inflatus, Stegocephalus .....	482	United States .....	173
insolatus, Chromis .....	244	Lecanicephalus parasitic in fishes .....	331
Iodine from seaweeds .....	160	Lecanocephalus parasitic in fishes .....	331
industry in Scotland .....	175	leidyi, Mnemiopsis .....	72
iowæ, Etheostoma .....	227	Leistomus xanthurus, entozoa of .....	391
Irish moss, uses of .....	165, 169	lepidonotus, Cryptopeltaster, new species .....	311
irrorata, Unciola .....	520	Lepisoma nuchipinne .....	254
Ischyrocerus anguipes .....	513	Leptecheneis naucrates .....	254
Isinglass, seaweed .....	137, 171	Leptocephalus conger, entozoa of .....	351
Isopods from Alaska .....	209-221	leptocerama, Tosia, new species .....	306
Japan, culture of ark-shell .....	284	Leptomedusæ of Woods Hole .....	29, 42
barnacles .....	287	Lernæonema parasitic in fishes .....	336
carp .....	273	Lernanthropus parasitic in fishes .....	336
eels .....	274	Lesueurina hyoptera .....	72
gastropoda .....	287	Lesueurida .....	72
gold-fish .....	266	Leuciscus evermanni, new species .....	226
gray mullet .....	275	leucostictus, Pomacentrus .....	245
miscellaneous mollusks .....	288	Leucothoë spinicarpa .....	486
oysters .....	278	limpida, Eutima .....	46
pearl oyster .....	283	linearis, Caprella .....	526
Pinna .....	287	Linerges mercurius .....	67
razor clam .....	286	Linergida .....	67
salmon .....	276	linnæana, Porpita .....	59
seaweeds .....	133-165, 288	Liriope cerasiformis .....	56
snapping turtle .....	260	scutigera .....	56
trepang .....	288	littoralis, Allorchestes .....	472
trout .....	276	Malaclemmys, new species .....	18
seaweed industries .....	133-165	Menticirrhus .....	244
Jassa marmorata, new species .....	511	Lizzia grata .....	39
Jenkinsia stollifera .....	232	Lobata .....	72
jocu, Lutianus .....	241	locusta, Gammarus .....	500
jonesii, Perigonimus .....	33	longicornis, Ægtnella .....	525
jordani, Pteraster, new species .....	314	Talorchestia .....	468
kalisheræ, Ericteis .....	254	longimana, Amphithoë .....	509
Kallimena dentata, uses of .....	165	Lophaster furelliger, new species .....	312
Kelp, description and uses of .....	173	Lopholatilus chameleonticeps, blood-vascular sys- tem .....	87-114
kentuckiensis, Hybopsis .....	227	osteology .....	81-86
Kombu .....	146	relations .....	81-86
Korethrasterida .....	313	Lophopsetta maculata, entozoa of .....	414
Kyphosus incisor .....	243	loricata, Epimeria .....	491
sectatrix .....	243	Lucernaria quadricornis .....	63
entozoa of .....	383		

	Page.		Page.
Lucernariida, key to genera	63	Metopa grœnlandica	483
luteus, Hippopodius	60	Microcotyle parasitic in fishes	335
Lutianus analis	241	Microdeutopus danmonensis	515
apodus	241	gryllotalpa	514
aya	241	Micropogon undulatus, entozoa of	394
griseus	241	Micropterus salmoides	227
jocu	241	Microspathodon chrysurus	246
synagris	241	Mimaster swifti, new species	301
lutrensis, Notropis	227	Mimasterinæ	301
lynceus, Paracdiceros	487	minax, Ericthonius	519
Lysianopsis alba, new species	475	minuta, Stenothoë, new species	485
new genus	475	Mionorus puncticulatus	239
mackayi, Syngnathus	235	mira, Eutima	45
macrocephala, Ampelisca	479	mirabilis, Syncoryne	30
macrognathus, Opisthognathus	252	mirus, Hydriethys	32
macrophthalmia, Harengula	233	Mnemiidæ	72
macropus, Acteis	254	Mnemiopsis leidyi	72
macrospilota, Malaclemmys, new species	16-17	Monacanthus ciliatus	249
macrostomum, Hæmulon	242	hispidus	249, 256
Mactra sulcatoria, culture in Japan	288	entozoa of	401
maculatus, Psenes	256	Monoculodes edwardsi, new species	487
Pseudupeneus	243	Monostomum parasitic in fishes	335.
Scomberomorus	237	moorei, Acteis	254
maculipinna, Halieceres	246	morio, Epinephelus	240
maculosus, Epinephelus	239	moringa, Gymnothorax	234
Malaclemmys, age attained	13	muronatus, Carinogammarus	503
bibliography	4	Mugil cephalus	235
centrata	14	entozoa of	361
concentrica	16	curema	235
differences due to age	12	entozoa of	360
discussion of species	14	oeur, cultivation in Japan	275
general natural history	10	mulleri, Pempheris	238
generic synonymy and diagnoses	4	Mullet culture in Japan	275
littoralis, new species	18	multicellatus, Antennarius	256
macrospilota, new species	16	murbachii, Gonionemus	53
malformations	13	Mustelus canis, experiments with	190
pileata	17	mutica, Velella	59
revision of	1-20	Myeteroperca venenosa apua	240
sexual differences	11	myops, Trachinocephalus	233
Manta birostris	232	Myrichthys acuminatus	233
Mapo soporator	251	Myxobolus parasitic in fishes	335
Margelidæ, key to genera	87	Myxoderma, new subgenus	316
marginatus, Abudedefduf	245, 256	Narcomedusæ of Woods Hole	29, 57
marinus, Gammarus	502	narinari, Stoasodon	232
marmorata, Jassa, new species	511	naucrates, Leptecheneis	254
martiniensis, Pseudupeneus	243	Nauphantopsis diomedæ	66
maxillosa, Gnathypops	252	Nausithoe punctata	66
maximus, Lachnolaimus	246	Nemalion, uses of	165
Mediaster tenellus, new species	307	Nematoda in fishes of Beaufort	330
Mediasterinæ	307	Nemopsis bachel	41
medusarum, Hyperlia	464	Nereocystis lûtkeana, description and uses	173
Medusæ, account of	26	nigricans, Hypoptectrus unicolor	240
Medusæ of the Woods Hole region	21-79	nigrum, Boleosoma	227
megalepis, Doratonotus	246	niphobles, Sparisoma	247
megalophtalma, Talorchestia	468	nitida, Melita	505
megalops, Argulus	129	Podoceropsis	524
melanurum, Hæmulon	242	nitidum, Thalassoma	246
Mellecertum campanula	44	nolliformis, Clytia	47
Melita dentata	504	Nontentaculata	73
nitida	505	Notropis cayuga	227
parvimana, new species	506	cornutus	227
Menidia menidia, entozoa of	360	lutrensis	227
Menticirrhus americanus	244	piptolepis	227
entozoa of	398	scylla	227
littoralis	244	Novaculichthys rosipes	247
Mertensia ovum	71	nuchalls, Hybognathus	226
Mertensidæ	71	nuchlipinne, Lepisoma	254
Mesogloia decipiens, uses of	165	nugax, Anonyx	472

	Page.		Page.
nutricula, Turritopsis.....	37	Pelagida, key to genera.....	69
Obelia.....	47	Pemphèris mulleri.....	238
<i>commissuralis</i> .....	48	pendula, Hybocodon.....	34
<i>diaphana</i> .....	48	penicillatus, Persephonaster, new species.....	297
<i>fusiformis</i> .....	49	Pennaria tiarella.....	32
<i>gelatinosa</i> .....	48	Peprilus paru.....	256
<i>pyriformis</i> .....	49	perfasciata, Anchovia.....	233
Oceania.....	49	Peribolaster biserialis, new species.....	313
<i>languida</i> .....	50	Perigonimus jonesii.....	33
<i>singularis</i> .....	50	Periphylla humilis.....	64
oceanops, Elacatinus.....	252	<i>hyacinthina</i> .....	64
ocellata, Halopsis.....	51	<i>peronii</i> .....	64
ocellatus, Antennarius.....	256	Peromedusa.....	62, 64
Chaetodon.....	248	peronii, Periphylla.....	64
Platophrys.....	255	Persephonaster penicillatus, new species.....	297
ochotensis, Idotea.....	216	personata, Eviota, new species.....	251
ochracea, Ectopleura.....	32	Petasidae.....	53
Ocyurus chrysurus.....	241	Phacellophora ornata.....	68
Odontaster crassus, new species.....	302	Phenacobius scopifer.....	227
Odontasteridae.....	302	Phialis cruciata.....	50
Odontoscion dentex.....	244	Phoreiobothrium parasitic in fishes.....	331
Ogilbia cayorum.....	255	Phoxocephalus hölbölli.....	477
Oligoplites saurus.....	237	Phronima sedentaria.....	465
Onchobothrium parasitic in fishes.....	331	Phronimidae.....	465
Oncorhynchus, cultivation in Japan.....	276	Phryxus abdominalis.....	220
Oniscida.....	217	Phyllitis fascia, uses of.....	164
ophiurus, Zoroaster, new species.....	315	Phyllobothrium parasitic in fishes.....	331
Opisthognathus macrognathus.....	252	Phylloderma sacrum, uses of.....	164
Opsanus tau, entozoa of.....	406	Physalia pelagica.....	61
experiments with.....	190	pileata, Malaclemmys.....	17
orbignianus, Parexocetus.....	234	pileus, Pleurobrachia.....	71
Orchestia palustris.....	471	Pimephales promelas.....	226
Orchistoma tentaculata.....	44	pinguis, Ptilocheirus.....	522
oregonensis, Sphaeroma.....	216	Tryphosa.....	473
Organs, lateral-line, of fishes.....	183-207	Pinna japonica, culture in Japan.....	287
ornata, Phacellophora.....	68	piptolepis, Notropis.....	227
Willia.....	40	planifrons, Pomacentrus.....	245
Orthopristis chrysopterus, entozoa of.....	376	Platophrys ocellatus.....	255
Ostrea cucullata, culture in Japan.....	278	Pleurobrachia pileus.....	71
Otobothrium parasitic in fishes.....	331	Pleurobrachiidae.....	71
ovata, Beroe.....	73	Pleustes panoplus.....	488
ovum, Mertensia.....	71	plicatum, Rhynchobothrium, new species.....	345
Oxylabrax undecimalis.....	239	plumieri, Hæmulon.....	242
Oyster culture in Japan.....	278	Scorpana.....	250
pearl, culture in Japan.....	283	plumosa, Harpinia.....	478
pachyderma, Ægina.....	58	Plutonasteridae.....	300
palometa, Trachinotus.....	237	Podoceroopsis nitida.....	524
palustris, Orchestia.....	471	Podocoryne carnea.....	38
Pandarus parasitic in fishes.....	336	Pollachius virens.....	256
panoplus, Pleustes.....	488	Pomacanthus arcuatus.....	248
Paralichthys albiguttus, entozoa of.....	411	fuscus.....	244
dentatus, entozoa of.....	410	leucostictus.....	245
Paramphithoe pulchella.....	489	paru.....	248
Paraphoxus spinosus, new species.....	477	planifrons.....	245
Parasites of fishes.....	115-131, 321-428	Pomacentrus analis.....	245
Paratænia parasitic in fishes.....	331	Pomatomus saltatrix, entozoa of.....	368
Parexocetus orbignianus.....	234	Pomoxis sparoides.....	227
Parædiceros lynceus.....	487	Pontoporeia femorata.....	476
parra, Hæmulon.....	242	Pontogeneia inermis.....	496
paru, Peprilus.....	256	Porcellanaster tenebrarius, new species.....	293
Pomacanthus.....	248	Porcellanasteridae.....	293
parvimana, Melita, new species.....	506	Porcellio scaber.....	217
Pearl oyster, culture in Japan.....	283	Porphyra, uses and culture.....	155, 173, 288
pectinatum, Distomum, new species.....	366, 389	Porpita linneana.....	59
pectinatus, Bathyblastus, new species.....	295	Priacanthus cruentatus.....	241
Peganthidae.....	58	Prionotus roseus.....	250
Pelagia cyanella.....	70	scitulus, entozoa of.....	404
pelagica, Physalia.....	61	tribulus.....	250



	Page.		Page.
Prionotus tribulus, entozoa of .....	404	Rocinela angustata .....	914
probatocephalus, Archosargus .....	243	belliceps .....	213
producta, Syncoryne .....	30	propodialis, new species .....	214
prolifer, Hybocodon .....	33	roseus, Prionotus .....	250
promelas, Pimephales .....	226	rosipes, Novaculichthys .....	247
Promierops guttata .....	240	rotiformis, Ephyroides .....	66
propodialis, Rocinela, new species .....	214	rubricata, Amphithoë .....	510
Protiaira .....	34	rubricornis, Eriethonius .....	518
haeckeli .....	34	rugosa, Stomotoca .....	35
Protozoa in fishes of Beaufort .....	335	Rypticus saponaceus .....	241
Pseenes cyanophrys .....	238	saculatus, Zoroaster (Myxoderma), new species .....	316
maculatus .....	256	salmoïdes, Micropterus .....	227
Pseudarchaster alascensis, new species .....	303	Salmon and trout culture in Japan .....	276
pusillus, new species .....	304	salpinx, Haliclystus .....	63
Pseudarchasteridæ .....	303	saponaceus, Rypticus .....	241
pseudogula, Eucinostomus .....	243	Sarcodla, uses of .....	165
Pseudopleuronectes americanus .....	256	sardina, Harengula .....	233
experiments with .....	190	Sargassum, uses of .....	165
Pseudoscarus guacamala .....	248	saurus, Elops .....	232
Pseudupeneus maculatus .....	243	Oligoplites .....	237
martinicus .....	243	scaber, Porcellio .....	217
psittacus, Xyrichthys .....	247	Scienops ocellatus, entozoa of .....	390
Pteraster jordani, new species .....	314	Schizymenia edulis, uses .....	180
Pterasteridæ .....	314	schoepfi, Ceratacanthus .....	249
Pterophryne gibba .....	255, 256	Chlomycterus .....	190, 249
Pteroplatea maculura, entozoa of .....	348	sciurus, Hæmulon .....	242
Ptilocheirus pinguis .....	522	Scolex parasitic in fishes .....	331
Ptychogena lactea .....	45	Scoliodon terra-novæ .....	232
pugettensis, Argela .....	220	entozoa of .....	342
pulchella, Paramphithoë .....	489	Scomberomorus cavalla .....	237
pulcher, Eques .....	244	maculatus .....	237
pullus, Cantherines .....	249	entozoa of .....	362
punctata, Nausithoe .....	66	regalis, entozoa of .....	362
punctatus, Decapterus .....	237	scopifer, Phenacobius .....	227
puncticulatus, Mionorus .....	239	Scorpana brasiliensis .....	250
punctulatus, Callyodon .....	247	grandicornis .....	250
Hippocampus .....	235	plumieri .....	250
pusillus, Pseudarchaster, new species .....	304	scovelli, Syngnathus .....	235
pyriformis, Obelia .....	49	scutigera, Liriope .....	56
quadricornis, Lucernaria .....	63	scylla, Notropis .....	227
quadrispinosus, Hymenaster, new species .....	315	Scyphomedusæ of Woods Hole .....	28, 61
Querimana gyrans .....	235	Sea lettuce, uses of .....	181
quinquecirra, Dactylometra .....	69	Seaweed glue .....	143
Rachycentron canadus, entozoa of .....	370	industries of Japan .....	138-165
radians, Sparisoma .....	247	iodine .....	160
radiatus, Halichæres .....	246	isinglass .....	137, 171
Raja erinacea, experiments with .....	190	Seaweeds utilized in the United States .....	167-181
lævis, entozoa of .....	346	sectatrix, Kyphosus .....	243
Rapana bezoar, cultivation in Japan .....	288	secunda, Batea, new species .....	499
raphidoma, Tylosurus .....	234	sedentaria, Phronima .....	465
Razor clam, culture in Japan .....	286	Selene vomer .....	237
Regalecus glesne .....	255	entozoa of .....	365
resecata, Idotea .....	216	sellicauda, Amia .....	239
reticulata, Syncoryne .....	30	semicinctus, Gillellus .....	253
Rhachotropis aculeata .....	493	Semostomæ .....	65
Rhegmatodes tenuis .....	51	Semotilus atromaculatus .....	226
Rhinebothrium parasitic in fishes .....	332	septentrionalis, Caprella .....	527
Rhinichthys cataractæ dulcis .....	227	Seriola dumerili .....	237
Rhinogobius glaucofrænum .....	251	fasciata .....	237, 256
tortugæ .....	251	lalandi .....	237
Rhizostomæ .....	65	entozoa of .....	363
Rhodymenia, uses of .....	172	serrata, Byblis .....	482
rhomboïdes, Lagoon .....	243	Fistularia .....	235
Rhopalonema typicum .....	54	serratus, Hippomedon, new species .....	473
Rhynchobothrium parasitic in fishes .....	331	siccifer, Holocentrus .....	236
plicatum, new species .....	345	singularis, Oceania .....	50
rimator, Bathystoma .....	242	Siphonœctes cuspidatus .....	522
ringens, Aspidogaster, new species .....	367, 397	Siphonophora of Woods Hole .....	29, 59

	Page.		Page.
<i>Siphostoma fuscum</i> , entozoa of	359	<i>Syngnathus brachycephalus</i>	235
<i>smithi</i> , Autozoë, new species	516	<i>elucens</i>	235
Snapping turtle, culture in Japan	260	<i>mackayi</i>	235
sobaco, <i>Canthidermis</i>	256	<i>scovelli</i>	235
<i>solaris</i> , <i>Bathyluca</i>	66	<i>Synodus foetens</i>	233
<i>Solasteridæ</i>	312	entozoa of	353
<i>Solecurtus constricta</i> , culture in Japan	286	<i>Tænia</i> , parasitic in fishes	333
<i>Solmaridæ</i>	58	<i>Talorchestia longicornis</i>	468
<i>Solmaris tetranema</i>	58	<i>megalophthalma</i>	469
soporator, Mapo	251	<i>Tapes philippinarum</i> , culture in Japan	288
<i>Sparisoma abildgaardii</i>	247	<i>Tarpon atlanticus</i>	232
<i>distinctum</i>	247	<i>taurus</i> , <i>Abudefduf</i>	245
<i>flavescens</i>	247	<i>Tautoglabrus adpersus</i>	256
<i>hoplomystax</i>	247	<i>tenellus</i> , <i>Mediaster</i> , new species	307
<i>niphobles</i>	247	<i>tenebrarius</i> , <i>Porcellanaster</i> ( <i>Eremicaster</i> ), new species	293
<i>radians</i>	247	<i>Tentaculata</i>	71
<i>viride</i>	247	<i>tentaculata</i> , <i>Orchistoma</i>	44
<i>xystrodon</i>	247	<i>tentaculatum</i> , <i>Stomobranchium</i>	61
<i>sparoides</i> , <i>Pomoxis</i>	227	<i>tenuirostris</i> , <i>Glossocodon</i>	57
<i>spengleri</i> , <i>Spheroides</i>	249	<i>tenuis</i> , <i>Rhegmatodes</i>	51
<i>Sphæroma oregonensis</i>	216	<i>Urophycis</i>	256
<i>Sphæronectes gracilis</i>	61	<i>terebrans</i> , <i>Chelura</i>	508
<i>Spheroides lævigatus</i>	249	<i>terræ-novæ</i> , <i>Scoliodon</i>	232
<i>maculatus</i> , entozoa of	402	<i>Terrapin</i> , <i>Carolina</i>	14
<i>spengleri</i>	249	<i>Chesapeake</i>	16
<i>testudineus</i>	249	<i>diamond-back</i>	1-20
<i>spincarpa</i> , <i>Leucothoë</i>	486	<i>Florida</i>	16
<i>spinipes</i> , <i>Ampelisca</i>	480	<i>Louisiana</i>	17
<i>spinosus</i> , <i>Paraphoxus</i> , new species	477	new species of	18
<i>Spongiobothrium</i> parasitic in fishes	333	<i>testudineus</i> , <i>Spheroides</i>	249
<i>Sphyræna barracuda</i>	236	<i>tetranema</i> , <i>Solmaris</i>	58
<i>borealis</i> , entozoa of	361	<i>Tetrarhynchus</i> , parasitic in fishes	333
<i>Sphyrna tiburo</i>	232	<i>Thalassoma bifasciatum</i>	246
entozoa of	344	<i>nitidum</i>	246
<i>zygæna</i>	232	<i>Thaumantidæ</i> , key to genera	43
Starfishes, new species from California and Alaska	291-320	<i>thea</i> , <i>Dexamine</i>	498
<i>Stauromedusæ</i>	62	<i>thompsoni</i> , <i>Gnatholepis</i>	251
<i>Staurostoma laciniata</i>	43	<i>tiarella</i> , <i>Pennaria</i>	82
<i>Stegocephalus inflatus</i>	482	<i>Tiaridæ</i> , key to genera	34
<i>Stenotomus chrysops</i> , experiments with	190	<i>Tiaropsis diademata</i>	49
<i>Stenothoë cypris</i> , new species	484	<i>tiburo</i> , <i>Sphyrna</i>	232
<i>minuta</i> , new species	485	<i>Tile-fish</i> , blood-vascular system	87-114
<i>Stichopus japonicus</i> , culture in Japan	288	osteology and immediate relations	81-86
<i>Stoasodon narinari</i>	232	<i>Tima formosa</i>	47
<i>Stolephorus brownii</i> , entozoa of	353	<i>Tole holmesi</i> , new species	216
<i>stolifera</i> , <i>Jenkinsia</i>	232	<i>tortugæ</i> , <i>Holocentrus</i> , new species	236
<i>Stomobranchium tentaculatum</i>	51	<i>Rhinogobius</i>	251
<i>Stomotoca</i>	35	<i>Tortugas</i> fishes	229-256
<i>apicata</i>	35	<i>Tosia leptocerama</i> , new species	306
<i>rugosa</i>	35	<i>Trachinocephalus myops</i>	233
<i>strangulata</i> , <i>Dipurena</i>	30	<i>Trachinotus carolinus</i>	236
<i>striatum</i> , <i>Bathystoma</i>	242	entozoa of	366
<i>striatus</i> , <i>Epinephelus</i>	240	<i>falcatus</i>	237
<i>sturionis</i> , <i>Lafystius</i>	492	<i>goodei</i>	238
<i>Stylactis hooperi</i>	41	<i>palometa</i>	237
<i>stylifer</i> , <i>Hippocampus</i>	235	<i>Trachomedusæ</i> of Woods Hole	29, 53
<i>superciliaris</i> , <i>Bougainvillia</i>	40	<i>Trachynemidæ</i> , key to genera	54
<i>surinamensis</i> , <i>Anisotremus</i>	243	<i>Trematoda</i> in fishes of Beaufort	333
<i>swifti</i> , <i>Mimaster</i> , new species	301	<i>tribulus</i> , <i>Prionotus</i>	250
<i>symmetrica</i> , <i>Æga</i> , new species	211	<i>tricolor</i> , <i>Holacanthus</i>	248
<i>Symphurus plagiosa</i> , entozoa of	415	<i>tricornis</i> , <i>Lactophrys</i>	249
<i>Sympleustes latipes</i>	490	<i>trigonus</i> , <i>Lactophrys</i>	249
<i>glaber</i>	490	<i>Trionyx japonicus</i> , culture in Japan	260
<i>synagris</i> , <i>Lutianus</i>	241	<i>triqueter</i> , <i>Lactophrys</i>	249
<i>Synbothrium</i> , parasitic in fishes	333	<i>Trout</i> and salmon culture in Japan	276
<i>Syncoryne mirabilis</i>	30	<i>Tryphosa pinguis</i>	373
<i>producta</i>	30	<i>tubularis</i> , <i>Cerapus</i>	517
<i>reticulata</i>	30	<i>Turris episcopalis</i>	36

	Page.		Page.
Turris vesicaria.....	36	ventricularis, Euchellota.....	46
Turritopsis nutricula.....	37	verrilli, Atolla.....	67
Turtles, culture in Japan.....	260	verrucosa, Charybdea.....	65
revision of the genus Malaclemmys.....	1-20	vesicaria, Turris.....	36
Tylosurus caribbaeus, entozoa of.....	358	vetula, Balistes.....	249
marinus, entozoa of.....	356	Callyodon.....	247
raphidoma.....	234	virens, Pollachius.....	256
entozoa of.....	357	virginicus, Anisotremus.....	243
typicum, Rhopalonema.....	54	virgulata, Euphysa.....	33
Ulmaridae, key to genera.....	67	viride, Sparisoma.....	247
Ulva lactuca, uses of.....	164	voitans, Cephalacanthus.....	250
latissima, uses of.....	181	vulpes, Albula.....	232
Undaria pinnatifida, uses of.....	164	Willia ornata.....	40
Unciola lrorata.....	520	Woods Hole medusa.....	21-79
undecimalis, Oxylabrax.....	239	wosnesenskii, Idotea.....	216
unicolor, Hypoplectrus.....	240	Xyrichthys psittacus.....	247
nigricans, Hypoplectrus.....	240	Xystema cinereum.....	243
unifasciatus, Hyporhamphus.....	234	xystrodon, Sparisoma.....	247
Upeneus maculatus, entozoa of.....	361	zebrinus, Fundulus.....	227
Urophycis tenuis.....	256	Zoroaster (Myxoderma) evermanni, new species.....	317
Utilization of seaweeds in the United States.....	167-181	sacculatus, new species.....	316
Velella mutica.....	59	ophiurus, new species.....	315
velifer, Carpiodes.....	226	Zoroasteridae.....	315
venenosa apua, Mycteroperca.....	240	zygæna, Sphyrna.....	232
veneris, Cestus.....	73	Zygodactyla grœnlandica.....	52

