

ALPHABETICAL INDEX TO THE REPORT ON THE INVERTEBRATA OF SOUTHERN NEW ENGLAND.

[In the following index the first reference, for the names of genera and species, is to the systematic catalogue, where the synonymy, descriptions, and references to plates may be found. In many cases references to the nominal lists have been omitted.]

	Page.		Page.
<i>Abra equalis</i>	679	<i>Alosa tyrannus</i>	520
<i>Acalephæ</i>	722	<i>Amage pusilla</i>	613
<i>Acanthocephala</i>	456	<i>Amarœcium constellatum</i>	704, 388, 393, 403, 411, 424
<i>Acelis crenulata</i>	631	<i>pallidum</i>	705, 496
<i>Acmœna testudinalis</i>	661, 307, 333, 485	<i>pellucidum</i> .703, 397, 401, 411, 415, 419, 424	
<i>Acmostomum crenulatum</i>	631	<i>stellatum</i> ...704, 402, 411, 419, 424	
<i>Acorn-shell</i>	304	<i>Ammochares, sp</i>	610, 508
<i>Actœon puncto-striata</i>	664, 518	<i>Ammodytes, sp</i>	521
<i>trifidus</i>	656	<i>Ammotrypane fimbriata</i>	604, 508
<i>Actinaria</i>	738	<i>Amouroucium pellucidum</i>	703, 562
<i>Actinia dianthus</i>	738	<i>stellatum</i>	704
<i>marginata</i>	738	<i>Ampelisca, speciosa</i> ..561, 431, 434, 452, 514, 519	
<i>producta</i>	738	<i>Amphareto gracilis</i>	612, 508
<i>rapiformis</i>	738	<i>setosa</i> ... 612, 416, 422, 432, 434	
<i>Actinobolus borealis</i>	683	<i>Amphidesma equalis</i>	679, 518
<i>Novangliæ</i>	684	<i>Amphipholis abdita</i>	720, 433, 435, 749
<i>Addenda</i>	745	<i>elegans</i>	720, 420, 424, 447
<i>Æga concharum</i>	572	<i>tenuis</i>	720
<i>Æolidia pilata</i>	666, 383, 393, 749	<i>Amphipoda</i>	555
<i>Æolis farinacea</i>	666	<i>Amphisphyræ debilis</i>	663
<i>papillosa</i>	666, 486	<i>pellucida</i> ..663, 432, 435, 517	
<i>pilata</i>	666	<i>Amphithoë compta</i> ..564, 370, 377, 382, 392, 434	
<i>Æquorea albida</i>	729	<i>crenulata</i>	557
<i>Grœnlandica</i>	729	<i>inermis</i>	557
<i>Ætea anguinea</i>	710, 405, 411, 424	<i>leviusecula</i>	557
<i>Aglaophenia arborea</i>	730	<i>longimana</i> ... 563, 370, 377, 409, 452	
<i>Ahnfeltia plicata</i>	405	<i>maculata</i> 563, 315, 331, 409, 415, 422, 452, 486, 493	
<i>Aleyonaria</i>	737	<i>valida</i> 563, 315, 331, 370, 377	
<i>Aleyonidium gelatinosum</i>	700, 496	<i>Amphitrite ornata</i> ... 613, 320, 321, 332, 348, 365, 377, 382, 422, 428, 453	
<i>hirsutum</i> ...708, 333, 403, 411, 424, 476, 487		<i>Amphiura abdita</i>	720
<i>hispidum</i> ..708, 312, 333, 404 411, 487		<i>Eugenius</i>	722
<i>parasiticum</i> .708, 404, 411, 424		<i>elegans</i>	720
<i>pellucidum</i>	703	<i>squamata</i>	720
<i>rauosum</i> ...708, 333, 404, 411, 419, 424		<i>Anachis avara</i> ... 643, 306, 313, 333, 383, 392, 410, 417, 423, 428	
<i>Alcyonium carneum</i>	737, 485, 497	<i>sigillis</i>	644
<i>gelatinosum</i>	709	<i>Anaperus Bryareus</i>	715
<i>hirsutum</i>	708		
<i>parasiticum</i>	708		
<i>Alecto dentata</i>	722		
<i>Alexia myosotis</i>	602, 383, 393		
<i>Alitta virens</i>	590		
<i>Allorchestes littoralis</i>	556		

	Page.		Page.
Anaperus Carolinus	715	Argulus Alosie	575, 459
unisemita	715	Catostomi	573, 459
Anatifa dentata	579	laticauda	574, 452, 459
striata	580	latus	574, 452, 459
Anatifa fragilis	673	mogalops	575, 452, 459
Leana	673	species	439, 457
papyracea	673, 517	Aricia ornata	596, 344, 365
papyratia	673	Artemia gracilis	573
Anchorella uncinata	578, 460	Ascaltis botryoides	741
Angler	516	Ascaris	457
Anguinaria spatulata	710	Ascidia amphora	699
Angulus modestus	677, 418, 423, 429	carnea	170
tenellus	677	echinata	702
tener	677, 358, 365, 372, 378, 423, 426, 429, 435, 519, 520	Manhattensis	699
Annelida		ocellata	698
Anomia aculeata	697	tenella	698
electrica	696	Ascidians, larvae of	454
ephippium	696	Ascoris fragilis	741
glabra	696, 311, 333, 393, 401, 410, 418, 424, 429, 435, 476, 495, 509	Astacus marinus	549
squamula	696	Astarte castanea	685, 423, 429, 432, 435
tridentata	669	lunulata	685
Anomoura	548	lutea	684, 509
Antedon dentatus	722	mactraea	685, 518
Antennularia antennina	730, 491	Portlandica	685
indivisa	730	quadrans	685, 509
Anthosoma crassum	577, 460	sulcata	684, 509
Smithii	577	undata	684, 508
Anthostoma acutum	599, 416, 422, 428, 501, 508	Asteracanthion berylinus	718
fragile	598, 344, 365	Forbesii	718
robustum	597, 343, 348, 365, 428	pallidus	718
species	600, 416, 422, 508	Asterias aculeata	716
Anthozoa	737	arenicola	718, 326, 333, 363, 366, 376, 378, 389, 393, 406, 411, 420, 447, 454, 476, 429, 432, 433, 435, 438, 424, 427
Anthura brachiata	573	beryllinus	447
brunnea	572, 426, 428	compta	719
Anurida maritima	544, 331, 464, 482	Forbesii	718
Aphrodita aculeata	580, 507	oculata	719
cirrata	582	pallida	447
imbricata	582	rubens	718
punctata	581	sanguinolenta	719
squamata	581	spongiosa	719
Appendicularia, species	707, 446, 454	vulgaris	718, 389, 432, 447, 454, 456, 496
Arachnactis brachiolata	739, 451	Asterioidea	718
Arachnida	544	Astrangia astriformis	740
Arbacia punctulata	717, 326, 333, 406, 411, 420, 424, 433	Danae	740, 330, 334, 397, 408, 412, 421, 425, 485, 494
Arca pexata	692	Astrophyton Agassizii	722
ponderosa	692	Astyris limata	645
transversa	691	lunata	645, 306, 333, 355, 365, 372, 377, 383, 392, 399, 410, 417, 423, 428, 463, 479
Arenicola cristata	367	rosacca	645, 495, 508
Argina pexata	692, 309, 333, 372, 378, 401, 410, 424, 435, 515		

	Page.		Page.
<i>Astyris Turnbullii</i>	645	Bays and sounds, list of species of muddy shores	377
<i>zonalis</i> 645, 396, 410, 423, 518		Bays and sounds, list of species of piles, timbers, buoys, vessels	392
<i>Atwood's shark</i>	457	Bays and sounds, list of species of rocky bottoms	409
<i>Atylus crenulatus</i>	557	Bays and sounds, list of species of rocky shores	331
<i>inermis</i>	557	Bays and sounds, list of species of sandy bottoms	428
<i>vulgaris</i>	557	Bays and sounds, list of species of sandy shores	364
<i>Anlacomya hamatus</i>	693	Bays and sounds, list of species of surface	451
<i>Aurelia aurita</i>	723	Bays and sounds, list of species of surface in winter	455
<i>flavidula</i> 723, 447, 449, 451, 454		<i>Bdella marina</i>	544, 331
<i>Auricula bidentata</i>	662	<i>oblonga</i>	544
<i>denticulata</i>	662	<i>Bdellodes</i>	624
<i>myosotis</i>	662	<i>Bdelloura candida</i>	634, 460
<i>Autolytus cornutus</i> .. 590, 392, 397, 410, 422		<i>parasitica</i>	634
..... 440, 452, 494		<i>rustica</i>	634
<i>species</i> .. 590, 746, 410, 422, 452		<i>Bela harpularia</i>	636, 508
<i>Autonoö</i>	562, 409, 415, 422	<i>pleurotomaria</i>	637
<i>Avenella fusca</i>	710	<i>plicata</i> .. 637, 383, 392, 423, 432, 435	
<i>Balanoglossus aurantiaeus</i> .. 627, 351, 365, 453		<i>Bembidium constrictum</i>	541, 464
<i>Kowalevskii</i>	627, 352	<i>contractum</i>	541, 464
<i>Balanus amphitrite</i>	578	<i>Bieidium parasiticum</i>	739
<i>balanoides</i> .. 579, 304, 331, 381, 392, 452, 482, 486		<i>Bittium Greenii</i>	647
<i>crenatus</i> .. 579, 381, 392, 396, 409, 415, 422, 515		<i>nigrum</i> .. 648, 305, 333, 355, 365, 372, 377, 383, 393, 410, 417, 423, 428, 463, 479, 515	
<i>eburneus</i>	579, 381, 392, 482	<i>Black bass</i>	514
<i>elongatus</i>	579	<i>Blackfish</i>	515
<i>improvisus</i>	579	<i>Bledius cordatus</i>	543, 364, 462, 464
<i>ovularis</i>	579	<i>pallipennis</i> .. 543, 364, 462, 464	
<i>rugosus</i>	579	<i>species</i>	335
<i>tiutinnabulum</i> .. 578, 381, 392		<i>Blood-drop</i>	371
<i>larvæ</i>	455	<i>Bloody-clams</i>	309
<i>Batrachus tau</i>	516	<i>Blue-crab</i>	367, 468
Bays and sounds, fauna of	300	<i>Blue-fish</i>	516, 339
Bays and sounds, fauna of gravelly and shelly bottoms	412	<i>Blue-shark</i>	521
Bays and sounds, fauna of muddy bottoms	430	<i>Bolina alata</i>	451
Bays and sounds, fauna of muddy shores	366	<i>Boitonia reniformis</i>	702
Bays and sounds, fauna of piles, timber, vessels, buoys	378	<i>Bonito</i>	516
Bays and sounds, fauna of rocky bottoms	394	<i>Bopyrus</i>	457
Bays and sounds, fauna of rocky shores	303	<i>Borlasia olivacea</i>	628
Bays and sounds, fauna of sandy bottoms	425	<i>Botryllus Gouldii</i> .. 702, 375, 375, 378, 389, 393, 483	
Bays and sounds, fauna of sandy shores	334	<i>var. albida</i>	376
Bays and sounds, fauna of surface ..	436	<i>var. annulata</i>	376
Bays and sounds, list of species of gravelly and shelly bottoms	421	<i>var. atrox</i>	376
Bays and sounds, list of species of muddy bottoms	434	<i>var. bicolor</i>	376
		<i>var. farinacea</i>	376
		<i>var. stella</i>	376

	Page.		Page.
<i>Botryllus</i> var. <i>variegata</i>	376	<i>Bugula</i> <i>fiabellata</i>	711, 333, 389, 393, 411, 424, 489
<i>Schlosseri</i>	702	<i>Murrayana</i>	711, 496
<i>stellatus</i>	702	<i>turrita</i> ..	712, 311, 333, 361, 366, 389, 393, 411, 419, 424, 427, 429, 476
<i>Bougainvillia</i> <i>superciliaris</i> ... 733, 328, 334,	411, 454	<i>Bulbus</i> <i>flavus</i>	647, 518
<i>Bowerbankia</i> <i>gracilis</i>	709	<i>Bulla</i> <i>canaliculata</i>	663
<i>Brachydontes</i> <i>hamatus</i>	693	<i>debilis</i>	517, 663
<i>plicatulus</i>	693	<i>hyalina</i>	663
Brackish waters, fauna of.....	460	<i>insculpta</i>	662
Brackish waters, fauna of eel-grass.	478	<i>oryza</i>	663
Brackish waters, fauna of estuaries and harbors.....	460	<i>pellucida</i>	663
Brackish waters, fauna of muddy shores and bottoms.....	465	<i>solitaria</i> ..	662, 371, 377, 435, 469, 520
Brackish waters, fauna of oyster- beds.....	472	<i>triticea</i>	663, 518
Brackish waters, fauna of piles of wharves, bridges, floating timber, &c.....	481	<i>Busycon</i> <i>canaliculatum</i>	640
Brackish waters, fauna of sandy shores and bottoms.....	462	<i>carica</i>	640
Brackish waters, list of species of eel-grass.....	480	<i>Byblis</i> <i>serrata</i>	561, 501, 511
Brackish waters, list of species of muddy shores and bottoms.....	470	<i>Caberea</i> <i>Ellisii</i>	711, 420, 424
Brackish waters, list of species of oyster-beds.....	476	<i>Hookeri</i>	711
Brackish waters, list of species of piles of wharves, bridges, floating timber, &c.....	482	<i>Cæcum</i> <i>Cooperi</i>	649
Brackish waters, list of species of sandy shores and bottoms.....	464	<i>costatum</i>	649, 417, 423, 428
<i>Brachyura</i>	545	<i>pulchellum</i>	649, 417, 423, 428
<i>Brada</i> <i>setosa</i>	606, 431, 434, 508	<i>Calcareous</i> sponges.....	740
<i>Branchellion</i> <i>Orbiniensis</i>	624	<i>Caligus</i> <i>Americanus</i>	575
<i>Branchiella</i> <i>Thynni</i> +.....	578	<i>curtus</i>	575, 459
<i>Branchiobdella</i> <i>Ravenellii</i> ... 624, 458, 460		<i>crassus</i>	577
<i>Brevoortia</i> <i>menhaden</i>	520	<i>Mülleri</i>	575
<i>Brittle</i> star-fish.....	363	<i>rapax</i>	575, 452, 457, 459
<i>Bryozoa</i>	707	<i>species</i>	439
<i>Buccinum</i> <i>cinereum</i>	641	<i>Callianassa</i> <i>longimana</i>	549
<i>Labradorense</i>	638	<i>Stimpsoni</i> ..	549, 369, 377, 434, 530
<i>lapillus</i>	642	<i>Calliopo</i> <i>leviuscula</i>	557
<i>lunatum</i>	645	<i>Calliopi</i> <i>leviusculus</i> ... 557, 315, 331, 439,	452, 455, 519
<i>obsoletum</i>	641	<i>Callinectes</i> <i>hastatus</i> .. 548, 367, 377, 431, 434,	438, 451, 458, 468, 479, 516
<i>plicosum</i>	641	<i>Callista</i> <i>convexa</i> 681, 432, 435, 470, 518	
<i>pyramidale</i>	637	<i>Calyptrea</i> <i>striata</i>	651
<i>rosaceum</i>	645	<i>Campanularia</i> <i>caliculata</i>	726
<i>trivittatum</i>	641	<i>dumosa</i>	729
<i>undatum</i> 638, 494, 508, 521		<i>fiabellata</i>	728
<i>undulatum</i>	638	<i>flexuosa</i> ..	726, 327, 334, 393, 411
<i>Whentleyi</i>	645	<i>gelatinosa</i>	728
<i>zonale</i>	645, 518	<i>Johnstoni</i>	725
<i>Bugula</i> <i>avicularia</i>	711	<i>volubilis</i> ..	726, 334, 408, 411, 424
		<i>Cancer</i> <i>borealis</i> ..	546, 745, 395, 409, 486, 493
		<i>granulatus</i>	547
		<i>irroratus</i> ... 546, 312, 331, 338, 364,	367, 377, 395, 409, 415, 422, 428,
		434, 439, 451, 464, 486, 490, 493,	514, 515, 516, 520, 521, 530

	Page.		
Cancer ocellatus	547	Cerithium Sayi	648
Sayi	546	terebrale	648
vocans	545	Ceronia arcata	679, 426, 429, 518
Caprella geometrica	567, 409	Cestodes	456
species. 519, 316, 382, 392, 409, 422,		Cestum Veneris	723
494		Chenopsetta ocellatus	458, 519
Carcinus graulatus. 547, 312, 331, 338, 364,		Chaetobranchus sanguineus	616, 320, 332,
367, 377, 464, 428, 434, 467		371, 377, 434, 468	
maenas	547	Chaetognatha	626
Cardita borealis	683	Chaetopleura apiculata	661
granulata	684	Chalina arbuscula	742
Cardium Grœnlandicum	518	oculata	742, 391, 409, 412, 425, 497
Mortoni	683	Charybdea periphylla	724
pinnulatum	683, 423, 435, 518	Chemnitzia bisuturalis	656
Candina arenata	715, 362, 366, 427, 429	dealbata	656
Cavolina gymnota	667, 383, 749	impressa	656
tridentata	669, 393, 444, 453	seminuda	657
Ccerops Latreillii	577, 459	Chernes oblongus	544, 331
Cellaria ternata	711	Chilostomata	710
Celleporina	714	Chirodota arenata	716
Cellepora coccinea	714	œolitica	715
hyalina	713	Chiton apiculatus	661
nitida	713	fulminatus	517
pumicosa	714	marmoreus	517, 399
ramulosa	714, 312, 333, 405, 411,	ruber	662
424, 496		Chironomus halophilus	539, 409, 415, 421
scabra	714, 419, 424	oceanicus	539, 331, 379, 392,
verrucosa	714	519	
Cellularia chelata	710	Chondracanthus cornutus	578
densa	711	Chondrus crispus	404
fastigiata	712	Chrysodomus pygmaeus	639
Hookeri	711	Cicindela albhirta	364
ternata	711, 496	dorsalis	541, 364
turrata	712	duodecimguttata	541
Cellularina	710	generosa	541, 336, 364
Centropristis fuscus	514	hirticollis	541, 364
Cephalopoda	634	larva	464
Cepon distortus	573, 459	marginata	541
Cerapus fucicola	565	repanda	541
minax	565	Cineras vittata	580
rubricornis	565, 396, 409	Cingula aculeus	654
Ceratacanthus aurantiacus	520	arenaria	654, 517
Cerebratulus, species. 630, 324, 332, 382, 392,		laevis	653
410, 434		minuta	653
Cerithiopsis Emersonii	648, 410, 417, 423,	modesta	653
428		Ciona tenella	698, 419, 424
Greenii. 647, 333, 383, 393, 410,		Cirratulus fragilis	607
417, 423		grandis	606, 319, 332, 348, 364,
terebralis	648, 393, 417, 423,	371, 377, 422, 468	
428		tenuis	607, 416, 422
Cerithium Emersonii	648	Cirripedia	578
Greenii	647	Cirrhinereis fragilis	607, 332, 397, 410, 422
nigrocinctum	648	Cistenides Gouldii	612, 323, 332, 349, 365,
reticulatum	848	371, 377, 422, 428, 434	

	Page.		Page.
Clam, bloody.....	309	Copeopoda.....	573, 455
long.....	463, 357, 309	Copepods, free.....	451, 452
maninose.....	464	Corallina officinalis.....	316
quahog.....	359	Corbula contracta.....	672, 418, 423, 429
round.....	359	Cordylophora, species.....	734
sea.....	358	Coronula diadema.....	579, 460
soft-shell.....	464	Corophium cylindricum.....	566, 392, 382, 377, 370, 434, 422, 415
surf.....	358	Corymorpha nutans.....	736
Clam-worms.....	319	pendula.....	736, 510
Clava leptostyla.....	734, 328, 334	Corynactis albida.....	738
multicornis.....	734	Coryne gravata.....	735
Clidiophora trilineata.....	673, 418, 423, 429, 432, 435	mirabilis.....	735
Clio borealis.....	668	Coryphella gymnota.....	667
limacina.....	668	Cosmocephala ochracea.....	630, 325, 332, 365, 410, 423, 434
Miquelonensis.....	668	Crab, blue.....	367
Cliona retusa.....	668	edible.....	367, 458
Clione borealis.....	668	fiddler.....	336, 367
limacina.....	668	green.....	312
papillonacea.....	668, 444, 453	hermit.....	313, 339, 368, 415
sulphurea.....	744, 430, 409, 412, 421, 425, 427	horseshoe.....	340, 370
Clitellio irrorata.....	623, 324, 332, 365, 463	lady.....	338
Clupea elongata.....	520	land.....	337
Clytia bicophora.....	725	mud.....	312
cylindrica.....	726	oyster.....	367
intermedia.....	726, 408, 411	rock.....	312, 415
Johnstoni.....	725, 334, 408, 411	sand.....	338
poterium.....	726	soft-shelled.....	368
uniflora.....	726	spider.....	339, 368, 395
volubilis.....	726, 725	Crangon boreas.....	400
Clymenella.....	607	septemspinus.....	550
torquata.....	608	vulgaris.....	550, 339, 364, 369, 377, 395, 400, 409, 415, 422, 428, 434, 451, 455, 463, 464, 479, 490, 493, 501, 514, 515, 516, 518, 519, 520, 521, 529
Clymeno torquatus.....	608, 343, 365, 422, 428	Crassina castanea.....	685
urceolata.....	610	latisulca.....	684
Cochlodesma Leannum.....	673, 418, 423, 429	Crassivenus mercenaria.....	681
Cod.....	516	Crenella glandula.....	695, 418, 424, 435, 518, 519
Cod-fish, mollusks found in.....	517	Crepidula acuta.....	650
Cold waters of the ocean shores, fauna of.....	484	convexa.....	650, 333, 355, 365, 371, 377, 423, 429, 435, 463, 479
Coleoptera.....	540, 335	fornicata.....	649, 333, 355, 365, 410, 412, 414, 417, 423, 429, 435, 475, 515
Collisella Dalli.....	661	glauc.....	650
Columbella avara.....	643	plana.....	650
dissimilis.....	645	unguiformis.....	650, 333, 355, 365, 410, 417, 423, 429, 435, 475, 515
Gouldiana.....	645	Cribella oculata.....	719
lanata.....	645	Cribrella sanguinolenta.....	719, 407, 411, 420, 424, 433, 447, 485, 496
rosacea.....	645		
transirata.....	644		
Common mussel.....	307, 361		
Common prawn.....	339		
Common skate.....	521		
Conchoderma aurita.....	580, 392		
virgata.....	580, 392		
Conilera concharum.....	572, 746, 426, 428, 459, 521		

	Page.		Page.
Crinoidea	722	Diaphana debilis	663
Crisia eburnea .707, 311, 333, 393, 405, 411, 419, 424, 496, 515		Diastopora patina	707, 405, 411
Crucibulum striatum .651, 399, 410, 417, 423		Diastylis abbreviata	554
Crustacea	545	quadrispinosa	554, 511, 507
Cryptodon Gouldii	686, 509	sculpta	554
obesus	687, 509	Dibranchiata	634
Cryptopodia granulata	548	Dinematura coleoprata	576
Ctenophora	722	Dinemoura alta	576
Ctenolabrus burgall	521	Dinyaria	669
Ctenostomata	708	Diodon pilosus	460, 578
Cucunaria fusiformis	715	Dione convexa	681
Culex, species	539, 466	Diopatra cuprea .593, 346, 364, 371, 377, 422, 431, 434	
Cumacea	452, 554	Diptera	539, 335
Cumin giatellinoides .679, 374, 378, 418, 423, 435		Dipurnea conica	735, 455
Cyanea arctica .723, 440, 447, 449, 450, 454, 455, 739		Discophora	723
fulva	723	Discopora coccinea	714, 333, 424, 496
Postelsii	723	Docoglossa	661
Cyclas dentata	686, 418, 423, 429	Dodecacerea, species	607, 397, 422
Cyclocardia borealis .683, 418, 423, 435, 508		Dog-fish	521
Cyclocardia Novanglicæ .681, 418, 423, 435, 503		Doliolum, species	707, 446, 454
Cyclostomata	707	Donax fossor	679
Cylichina alba	663, 508, 518	Doridella obscura . . .661, 307, 333, 409, 410, 423	
oryza	663, 426, 429, 432, 435	Doris arborescens	665
Cyllene fureiger	533	bifida	664, 307, 333
lignorum	571	coronata	665
Cymothoa ovalis	572	illuminata	665
Cynoseion regalis	515	pallida	665
Cynthia carnea	701, 495	Doto coronata . . .665, 400, 410, 423, 480, 495	
echinata	702, 495	Drill	306, 399
gutta	701	Dusky shark	520
hirsuta	702	Dynamena cornicina	733, 729
partita .701, 311, 333, 388, 393, 401, 411, 424, 435, 515		pumila	733
placenta	701	Dysmorphosa fulgurans	734, 448, 454
rugosa	701	Echinarachnius parma . .717, 362, 366, 427, 429, 490, 503, 515, 578, 520	
stellifera	701	Echinaster oculatus	719
Cyprina Islandica	683, 397, 508, 518	sanguinolentus	719
Cystobranchus vividus	624, 458, 460	Echinocidaris Davisii	717
Cytherea convexa	681	punctulata	717
morrhuaana	681, 518	Echinodermata	715
Sayana	681	Echinoidea	716
Sayii	681	Echinus Dröbachiensis	716
Dactylometra quinquecirra .724, 440, 454, 495		granularis	716
Darwinia compressa	557	granulatus	716
Defrancia bicarinata	638	neglectus	716
VahlII	637	pentaporus	717
Delesseria sinuosa	492, 496	punctulatus	717
Dendrocæla	632	Echthrogaleus coleopratus .576, 459, 749 denticulatus	576, 459
Dendronotus arborescens	665	Eerobia minuta	653
Diaeria trispinosa	669, 444, 453	Ectopleura ochracea	735, 455
		Edible crab	357, 458
		Edwardsia elegans	451

	Page.		Page.
Edwardsia farinacea.....	739, 451, 510	Eudendrium ramosum.....	734, 408, 411
lineata.....	739, 421, 425, 497	tenue.....	734
Eel-grass.....	460	Endorella hispida.....	555
in brackish water, animals		pusilla.....	554
inhabiting.....	478	Eugomphodus littoralis.....	521
list of species inhabiting		Eugyra pilularis.....	700, 509
the.....	480	Eulalia annulata.....	585
Elysia chlorotica.....	667, 480	gracilis.....	586
Elysiella catulus.....	668, 480	granulosa.....	585
Einbolus pauper.....	715	species..	452, 332, 349, 392, 397, 410, 422, 434
Enchytraeus triventralopectinatus..	624	Eulamia Milberti.....	521
Engraulis vittatus.....	516	obscura.....	520, 576
Ensattella Americana.....	674, 356, 365, 426, 429, 490, 521	Eulima oleacea.....	655, 418, 420, 423, 427, 460
.....	674	Eumidia Americana.....	584, 494
Entomostraca.....	422, 434, 573, 331, 337, 409	papillosa.....	584
Eolidia despecta.....	667	pistacia.....	584
Eolis despecta.....	667	species.....	452, 332, 349, 392, 397, 410, 422, 452
gymnota.....	667	vivida.....	584
Eone gracilis.....	596	Eunice sanguinea.....	593
Epelys montosus.....	571, 316, 331, 370, 377, 434	Eupagurus Bernhardus.....	548, 501
trilobus.....	571, 370, 377, 422, 428, 434, 452, 464	larvæ.....	451,
Ephydra, species.....	540, 464, 466	lougicarpus.....	549, 313, 331, 339, 364, 368, 395, 377, 409, 415, 422, 426, 428, 434, 463, 464, 479, 515, 548, 313, 331, 364, 368, 377, 395, 409, 415, 417, 422, 426, 428, 434, 515, 521
Epizoanthus Americanus.....	740, 510	pubescens.....	549
Ergasilus labraces.....	573, 459	Eupleura caudata.....	642, 332, 371, 377, 423, 428, 435
Erichsonia attenuata.....	570, 370, 377, 479	Euryechinus Dröbachiensis.....	716
filiformis.....	570, 316, 331, 409, 422, 452, 494	granulatus.....	716
Eristalis, species.....	540	Euthora cristata.....	492
Eschara Pallasiana.....	713	Eutima limpida.....	729, 454
pilosa.....	712	Fabricia Leidyi.....	619, 323, 332, 397, 410, 422
scabra.....	714	False scorpion.....	331
Escharella variabilis.....	713, 312, 333, 361, 366, 389, 393, 403, 411, 419, 424, 427, 429, 476	Farrella familiaris.....	710, 487
Escharina.....	713	pedicellata.....	710
lineata.....	712	Fasciolaria ligata.....	642, 517
pediostoma.....	713	Fiddler crabs.....	336, 457, 467
variabilis.....	713	File-fish.....	520, 327
Escharipora punctata.....	713, 403, 411, 424	Fishes, food of.....	514
Eteone limicola.....	588	list of external parasites ob-	
robusta.....	588, 746	served on.....	459
setosa.....	588	parasites of.....	455
species.....	589, 349, 364, 397, 428, 452	Flounder, ocellated, or summer.....	519, 339
Eucheilota duodecimalis.....	725, 454	spotted.....	520
ventricularis.....	725, 454	winter.....	520
Euchone elegans.....	618, 432, 434, 508	Flustra avicularia.....	711
species.....	422, 392, 416	Ellisii.....	711
Eucope alternata.....	727	hispida.....	708
diaphana.....	727	lineata.....	712
pentapora.....	717	Murrayana.....	711
polygena.....	727		
Eucoryne elegans.....	735		
Eucratea chelata.....	710, 405, 411, 424, 749		
Eudendrium dispar.....	734, 408, 411, 425		

	Page.		Page.
<i>Flustra pilosa</i>	712	<i>Gemma Manhattensis</i>	682
<i>setacea</i>	712	<i>Gemmaria Americana</i>	740
<i>truncata</i>	711	<i>gemmosa</i>	735
<i>Flustrella hispida</i>	708	<i>Geopinus incrassatus</i>	541, 364
<i>Flustrina</i>	712	<i>Glandula arenicola</i>	701, 502
Fog-fish	521	<i>Globiceps tiarella</i>	735
Food of fishes	514	<i>Glycera Americana</i>	596
<i>Foraminifera</i>	745, 425, 430, 412	<i>dibranchiata</i>	596
<i>Fovia Warrenii</i>	633	Goose-barnacles	381
Free swimming and surface animals	436	Goose-fish	516
Fringed sea-anemone	329	<i>Gorgonia tonuis</i>	737, 457
Frost-fish	519	<i>Gouldia lunulata</i>	685
<i>Fucus nodosus</i>	303	<i>mactracea</i>	685, 418, 423, 429, 518
<i>vesiculosus</i>	303, 487	<i>Grantia botryoides</i>	741
<i>Fulgur canaliculata</i>	640	<i>ciliata</i>	740, 330, 334, 391, 394, 412, 425
<i>carica</i>	640, 313, 332, 355, 365, 399, 410, 417, 423, 428	<i>coronata</i>	741
<i>eliceans</i>	640	Gravelly and sandy bottoms off the open coast, list of species inhabiting	504
<i>Fundulus pisculentus</i>	520, 458	Gravelly and shelly bottoms of bays and sounds, fauna of the	412
<i>Fusus cinereus</i>	641	Gravelly bottoms off the open coast, fauna of	500
<i>corneus</i>	638, 517	Green-crab	312
<i>curtus</i>	638	Gribble	381
<i>harpularius</i>	636	<i>Gymnocopa</i>	626
<i>Holbölli</i>	645	<i>Gymnosomata</i>	668
<i>Islandicus</i>	638	<i>Gymnolæmata</i>	707
<i>pleurotomarius</i>	637	Haddock, mollusks taken from stomachs of	518
<i>pygmaeus</i>	639	<i>Halocampa albida</i>	738
<i>rufus</i>	637	<i>Haleyonium carneum</i>	737
<i>Trumbullii</i>	639, 645, 518	<i>Halecium gracile</i>	729, 328, 334, 376, 378, 391, 393, 411, 425, 476
<i>Gadus morrhua</i>	516	<i>Halichondria oculata</i>	742
<i>Galerocerdo tigrina</i>	521	<i>panicca</i>	743, 749
<i>Gammaracanthus mucronatus</i>	559	<i>species</i>	743
<i>Gammarus annulatus</i>	553, 314, 331, 586	<i>Halisarca, species</i>	744
<i>locusta</i>	557	<i>Halocampa producta</i>	738, 330, 334, 363, 366
<i>marinus</i>	559, 314, 331, 486	<i>Halodrilus littoralis</i>	623, 324, 332, 338, 365, 463
<i>mucronatus</i>	559, 370, 377, 466, 479, 519, 520	Harbors, fauna of the	460
<i>natator</i>	558, 439, 452, 455, 518, 519, 520	Harger, Oscar, on Isopod Crustacea	545, 567
<i>ornatus</i>	557, 514, 331, 382, 392, 455, 486, 519	<i>Harmothoe imbricata</i>	582, 321, 332, 392, 397, 410, 422
<i>pulex</i>	557	<i>Heminaetra solidissima</i>	680
<i>Gastrancella tumida</i>	678, 418, 423	<i>Hermit-crabs</i>	313, 339, 368, 371
<i>Gastropoda</i>	636	<i>Hermæa cruciata</i>	667
<i>Gattiola, species</i>	590, 453	<i>Heterocerus undatus</i>	543, 364, 464
<i>Gebia affinis</i>	549, 368, 377, 451, 468, 519, 520, 530	<i>Heterocrypta granulata</i>	548, 415, 422
<i>Gelasimus minax</i>	545, 337	<i>Heteromyaria</i>	692
<i>pugilator</i>	545, 336, 364, 462, 464, 467	<i>Heteromysis formosa</i>	553, 396, 409, 415, 422, 452
<i>pugnax</i>	545, 367, 377, 466, 468	<i>Heteronereis arctica</i>	591
<i>vocans</i>	545		
<i>Gemellaria loricata</i>	747		
<i>loriculata</i>	747		
<i>Gemma Totteni</i>	682		

	Page.		Page.
<i>Heteronereis assimilis</i>	591	Invertebrate animals, habits and dis-	
<i>glaucopsis</i>	591	• tribution of the	294
<i>grandifolia</i>	591	<i>Imphimedia vulgaris</i>	557
<i>Heterofusus Alexandri</i>	669	Irish moss	404
<i>bulca</i>	669	<i>Isodictya palmata</i>	742
Hickory shad	520	<i>species</i>	742
<i>Hippa talpoida</i> .. 548, 338, 364, 428, 451, 490,	530	Isopoda	567
	530	Ivory-barnacle	381
<i>Hippocrone Carolinensis</i>	733	<i>Jera copiosa</i> .. 571, 315, 331, 382, 392, 486	
<i>superciliaris</i>	733	<i>nivalis</i>	571
<i>Hippolyte pusiola</i> .. 550, 395, 409, 422, 457,	493, 511	<i>Jaminia exigua</i>	656
	712	<i>producta</i>	656
<i>Hippothoa rugosa</i>	712	<i>seminuda</i>	657
<i>Holothuria Briareus</i>	715	<i>Janthina fragilis</i>	660
<i>physalis</i>	737	Jingle-shell	311
<i>Holothurioidea</i>	715	<i>Kellia planulata</i> .. 688, 310, 333, 374, 378, 418,	
<i>Homarus Americanus</i> .. 549, 313, 331, 395,	409, 415, 422, 426, 428, 451, 492, 515,	<i>rubra</i>	423, 435
	520, 521, 745	King-crab	340
Horseshoe-crab	340, 468	King-fish	515, 339
Horse-mackerel	516	<i>Lacuna divaricata</i>	652
Horse-muscle	309	<i>frigida</i>	652
<i>Hyas coarctatus</i>	548	<i>labiosa</i>	652
<i>Hyalæa cornea</i>	669	<i>neritoidea</i>	653, 495
<i>tridentata</i>	669	<i>solidula</i>	652
<i>trispinosa</i>	669	<i>vincta</i> .. 552, 305, 333, 355, 365, 372,	
<i>Hyalæ littoralis</i> .. 556, 315, 331, 392, 486		377, 410, 417, 423, 485	
<i>Hybocodon prolifer</i>	736, 328, 334	Lady-crab	338, 426
<i>Hydractinia echinata</i>	736	<i>Lævicardium Mortoni</i> .. 683, 358, 365, 426,	
<i>polyclina</i> .. 736, 328, 334, 363,		429	
376, 378, 407, 411, 425, 427, 429		<i>Lafæa calcarata</i> .. 729, 334, 408, 411, 425, 454	
<i>Hydrallmania falcata</i> .. 733, 408, 411, 425		<i>cornuta</i>	729
<i>Hydroidea</i>	725	<i>Lamellibranchiata</i>	669
<i>Hydrophilus quadristriatus</i> .. 541, 466		<i>Laminaria digitata</i>	492
<i>Hymeniacion</i>	743	<i>longicurra</i>	492
<i>suberea</i>	744	<i>saccharina</i>	492
<i>Hyperia, species</i>	567, 439, 452, 459	<i>Laodicea calcarata</i>	729
<i>Ichthyobdella Funduli</i>	624, 453, 460	<i>Laomedæa amphora</i>	727
<i>Idotea cæca</i>	569, 340, 364, 428	<i>dichotoma</i>	728
<i>irrorata</i> .. 569, 316, 331, 340, 364, 370,		<i>divaricata</i>	727
377, 392, 439, 452, 479, 486,	494, 514	<i>flexuosa</i>	726
	571	<i>gelatinosa</i>	728, 727
<i>montosa</i>	571	<i>geniculata</i>	727
<i>phosphorea</i> .. 569, 316, 331, 392, 409,		<i>gigantea</i>	728
422, 452		<i>longissima</i>	728
<i>robusta</i>	569, 439, 452	<i>Laphystius sturionis</i>	557, 457, 459
<i>triloba</i>	571	Larvæ of <i>balanus</i>	455
<i>Tuftsii</i>	569, 340, 364, 501	Larvalia	707
<i>Idyia roseola</i>	723, 448, 451, 454	Larval <i>macroura</i>	452
<i>Ilyanassa obsoleta</i> .. 641, 313, 339, 354, 355,		<i>Leda limatula</i>	689
365, 368, 371, 377, 383, 392, 428, 435,		<i>obesa</i>	690
463, 469, 479, 516		<i>sapotilla</i>	689
<i>Infusoria, ciliated</i>	455	<i>tenuisulcata</i>	690, 509, 519
<i>Insecta</i>	539	<i>thraciiformis</i>	690

	Page.		Page.
Leguminaria Floridaana.....	676	Limnoria lignorum .. 571, 360, 377, 379, 392,	482
Lepas an: tifera.....	580, 382, 392	terebrans	571
an: ita	580	Limpet	306
an: serifera.....	588, 382, 392	Limulus australis	580
balanoides.....	579	Polyphemus	580, 340, 355, 364, 370, 377, 423, 431, 434, 452, 464, 468
d'adema.....	579	Linkia oculata	719
fascicularis	579, 382, 452	portusa	719
pectinata	579, 382, 392	Liocardium Mortoni.....	683
virgata.....	580	Lissa fissirostra	548
Lepeophtheirus salmonis.....	576	Lists of species found in the stomachs	
species	575, 450	of fishes.....	514
Lepidactylis dytiscus... 556, 339, 364, 409,	422, 428	List of parasites observed on fishes.	459
Lepidonote armadillo.....	581	List of species inhabiting eel-grass	
cirrata	582	in brackish waters.....	480
Lepidonotus angustus.....	581, 494	List of species inhabiting gravelly	
sublevis... 581, 320, 332, 397,	410, 422	bottoms of the outer waters.....	504
squamatus	581, 320, 332, 392, 397, 410, 422	List of species inhabiting gravelly	
Lepræa rubra.....	615, 382, 392, 453	and shelly bottoms of the bays	
Lepralia hyalina.....	713	and sounds.....	421
Pallasiana	713, 420	List of species inhabiting muddy	
Peachii.....	714	bottoms of bays and sounds.....	434
pediostoma	713	List of species inhabiting muddy	
punctata	713	bottoms of brackish waters.....	470
species	496, 424, 333	List of species inhabiting sandy or	
variolosa	713	soft muddy bottoms of outer wa-	
Leptasterias compta.....	719	ters	511
Leptochiton apiculatus.. 661, 423, 399, 410,	749	List of species commonly found on	
ruber... 662, 399, 410, 495, 749		muddy shores of bays and sounds	377
Leptoclinum albidum... 705, 403, 411, 424,	515	List of species inhabiting muddy	
luteolum... 706, 403, 411, 424		shores and bottoms of brackish	
Leptogorgia tenuis.....	737	waters	470
teres.....	737	List of species inhabiting oyster-	
Lepton fabagella.....	688	beds in brackish waters.....	476
Leptoplane folium.....	632, 487	List of species inhabiting piles of	
Leptosynapta Girardii... 716, 366, 361, 490		wharves and bridges, buoys, bot-	
roseola	716, 366, 362	toms of vessels, &c., in bays and	
tenuis	716	sounds	392
Lernæa branchialis.....	578, 460	List of species inhabiting piles of	
uncinata	578	wharves, floating timbers, &c., in	
Lernæocera radiata.....	578	brackish waters	482
Lernæonema radiata.....	578, 458, 465	List of species inhabiting rocky bot-	
Lesueuria hyoptera.....	722, 454	toms of the bays and sounds.....	409
Leucosolenia botryoides.. 741, 334, 391, 394		List of species inhabiting rocky bot-	
thamnoides.....	741	toms of the outer waters.....	493
Libinia canaliculata. 548, 339, 364, 368, 377,	431, 434, 511, 521	List of species inhabiting the rocky	
dubia	548, 368, 377, 431, 434	shores of the bays and sounds....	331
Limacina balea.....	669	List of species found on the rocky	
Limax papillosus.....	666	shores of the outer coast.....	487
		List of species inhabiting sandy bot-	
		toms of bays and sounds.....	428

	Page.		Page.
List of species inhabiting sandy bottoms of estuaries	464	<i>Lucina Gouldii</i>	686
List of species inhabiting sandy bottoms of outer waters	504	<i>radula</i>	686
List of species inhabiting sandy shores of bays and sounds	364	<i>strigilla</i>	686
List of species inhabiting sandy shores and bottoms of estuaries ..	464	<i>Lumbriconereis fragilis</i>	594, 501, 507
List of species inhabiting sandy shores of the outer coast	490	<i>opalina</i>	594, 320, 352, 342, 364, 371, 377, 397, 410, 422, 428, 434, 468
List of species inhabiting surface waters	451	<i>splendida</i>	594
List of species inhabiting surface waters in winter	455	<i>tenuis</i>	594, 320, 332, 342, 364, 371, 377, 422, 463
<i>Lithodomus</i>	309	<i>Lumbriculus tenuis</i>	623
<i>Lithothamnion polymorphum</i> .399, 492, 495		<i>Lumbricus fragilis</i>	594
<i>Littorina arctica</i>	652	<i>Lumbrinereis fragilis</i>	594
<i>Grœnlandica</i>	651	<i>Lunatia triseriata</i>	646, 365
<i>irrorata</i>	651, 372, 377	<i>heros</i>	646, 313, 353, 354, 365, 523, 426, 429, 490, 417, 521
<i>limata</i>	652	<i>immaculata</i>	646, 508, 517
<i>littoralis</i>	652	<i>Lupa diacantha</i>	548
<i>marmorata</i>	652	<i>hastata</i>	548
<i>neglecta</i>	652	<i>Lycidice Americana</i>	593, 508
<i>neritoidea</i>	652	<i>Lycoris fucata</i>	591
<i>palliata</i> 652, 305, 333, 383, 393, 485		<i>Lyonsia hyalina</i>	672, 358, 365, 423, 426, 429, 435
<i>Peconica</i>	652	<i>Lysianassa, species</i>	556, 434, 452
<i>rudissima</i>	652	<i>Lysianassinae</i>	431
<i>rudis</i>	651, 305, 333, 383, 393, 485	<i>Macha divisa</i>	676
<i>saxatilis</i>	652	<i>Machœra costata</i>	675
<i>sulcata</i>	651	<i>Mackerel</i>	442, 516
<i>tenebrosa</i>	651	<i>Macoma calcarea</i>	677
<i>zonaria</i>	652	<i>fragilis</i>	676
<i>Littorinella lævis</i>	653	<i>fusca</i>	676, 359, 365, 372, 378, 429, 435, 463, 469, 508
<i>minuta</i>	383, 392, 469, 653,	<i>Grœnlandica</i>	676
<i>Livoneca ovalis</i>	572, 459	<i>proxima</i>	677
<i>Lizzia grata</i>	448	<i>sabulosa</i>	677
<i>Lobster and other crustacea, metamorphoses of.</i> By S. I. Smith . . .	522	<i>Macroura</i>	549
<i>Lobster, habits</i>	395, 492, 745	<i>Mactra aretata</i>	679
<i>Loligo illecebrosa</i>	634	<i>gigantea</i>	680
<i>pallida</i>	635, 441, 453, 514	<i>lateralis</i>	680
<i>Pealii</i>	635, 416, 423, 440, 453, 515, 516, 520, 521	<i>similis</i>	680
<i>punctata</i>	635	<i>solidissima</i>	680, 358, 365, 412, 418, 423, 426, 429, 490
<i>Long clam</i>	309, 357, 458, 490	<i>tellinoides</i>	679
<i>Long-tailed sting-ray</i>	521	<i>Madreporaria</i>	740
<i>Lophius Americanus</i>	516, 457	<i>Malacobdella grossa</i>	625
<i>Lophopsetta maculata</i>	520	<i>mercenaria</i>	625, 458, 460
<i>Lophothuria Fabricii</i>	519	<i>obesa</i>	625, 458, 460
<i>Lottia testudinalis</i>	661	<i>Maldane elongata</i>	609, 343, 365, 371, 377
<i>Lucina contracta</i>	686	<i>Mamua immaculata</i>	646
<i>dentata</i>	686	<i>Mammaria Manhattensis</i>	445
<i>divaricata</i>	686	<i>Maugelia bicarinata</i>	638
<i>filosa</i>	686, 509	<i>cerina</i>	637, 432, 435
<i>flexuosa</i>	686	<i>harpularia</i>	636
		<i>pyramidalis</i>	637
		<i>Margarita Grœnlandica</i>	519