

INDEX.

	Page.		Page.
Aberdeen Packing Company.....	16, 103	Ammonia Freezers, Description of.....	374-377
Abramis brama.....	545	Ams, Max.....	478, 544
Absorption System used in Freezing Fish.....	375	Anan, Bradfield Canal.....	107
Acetate of Alumina used in Preserving Fish.....	502	Anchorage Bay.....	166
Achirus fasciatus.....	187	Anchovies, Christiania.....	468
Acipenser brevirostris.....	181, 543	Swedish.....	466
guldenstädtii.....	545	Anchovy Paste.....	552
huso.....	545	Angel-fish.....	187
rubicundus.....	502, 542	Anguilla chryssypu.....	183
ruthenus.....	545	Annette Island.....	66
scaphirhynchus.....	542	Anodonta angulata.....	283
stellatus.....	545	californiensis.....	282
sturio.....	181, 502, 542	cygnea.....	284
transmontanus.....	542	Antiseptics.....	557
Afognak Island.....	163	Aphredoderus sayanus.....	185
Alaska Commercial Company.....	144	Apparatus and Methods of Mussel Fishing.....	293
Fur Trading Company.....	144	Aquatic Products Preserved Alive.....	339-357
Herring.....	123	Arctic Fishing Company.....	16, 142
Improvement Company.....	17, 149, 176	Packing Company.....	16, 17, 157, 160, 173, 175
Packers' Association.....	3, 4, 19, 20, 21, 157	Argyrosomus artedi.....	436
Packing Association.....	19	Artificial Freezing and Cold Storage.....	370-388
and Fur Company.....	17	Means of Drying Fish.....	420-424
Company.....	16, 141, 173	Asiatic Carp.....	182
Salmon and Salmon Fisheries.....	1-178	Astoria and Alaska Packing Company.....	17, 121
Canneries, Establishment of.....	10-21	Atwood, John.....	402
Charts.....	48	Australian Salt.....	562
Laws.....	38-42	Ayakulik.....	146
Tide-pool Fishes from.....	189-192	Badger Bay.....	62
Albacore Dry-salted.....	416	Baird, Spencer F., on Spring Mackerel Fishery..	210, 236, 239
Albatross, Fish Commission Steamer. Operations for		Balistes monoceros.....	274, 275, 278
Year ending June 30, 1898.....	1-178	scripta.....	274
Fishing and Collecting by.....	45-48	scriptus.....	275
Aleuterus berardi.....	275	"Balyk" Prepared from Sturgeon.....	418
Aleutian Islands Fishing and Mining Company.....	17, 149	Banded Pickerel.....	184
Alewife.....	183, 184	Baranof Island.....	121
Alewives Brine-salted.....	450	Packing Company.....	17
Smoked.....	489	Baronovich Fishery.....	87
Alexander, A. B.....	2, 3, 455	Barracuda Dry-salted.....	414, 416
Algonek Slough.....	132	Barrels for Pickled Fish.....	426
Alitak Bay.....	157	Herring.....	445, 447
Alosa sapidissima.....	184	Mackerel.....	435
Alosek River.....	129	Mullet.....	458
Alum and Saltpeter used in Preserving Fish.....	501	Barricades at Afognak.....	163
Alutera guntheriana.....	275, 278	in Salmon Streams.....	36
monoceros.....	273, 275	Bartlett Bay.....	124
punctata.....	274	Packing Company.....	17
schœpfi.....	274	Bean, Barton A., and Hugh M. Smith, on Fishes of	
Aluteres monoceros.....	276	District of Columbia.....	179-187
Alutera cinerea.....	276	Bean, Tarleton H.....	144
Aluteres anginosus.....	278	Bear Island.....	158
Amber-fish Dry-salted.....	414	Bêche de Mer, Drying.....	418-420
Ambloplites rupestris.....	185	Bell, Robert.....	47, 102
Amelurus catus.....	181	Belouga, Caviar from Eggs of.....	545
natalis.....	181	Benzoïn and Alum used in Preserving Fish.....	562
nebulosus.....	181	Bering Packing Company.....	176
American Carp.....	181	Sea District.....	173-178
Sardine Company.....	533	Packing Company.....	17
Sole.....	187		

	Page.		Page.
Beuckels, or Beuckelzon, William.....	437	Brine-salting Hogfish	464
Bicarbonate of Soda used in Preserving Fish	562	Mackerel.....	430-436
Bielaya ryba.....	5	Miscellaneous.....	464-467
Billfish	185	Mullet	457
Binding Oyster-shells with Wire.....	355	Pereh	464
Bisulphite of Lime used in Preserving Fish.....	562	Regulations Respecting.....	427-430
Black Bass	186	Sahlström Process of.....	466
Brine-salting of	464	Salmon in Alaska	455
Cold Storage of.....	382	Scotland.....	456
Blackford, E. G., on Shipping 'Shad.....	360	Shad	458-460
Spring Mackerel Fishery.....	207,	Sheepshead	464
209, 212, 235, 256		Spanish Mackerel	464
Black Minnow	183	Squeteague	464
Black-nosed Dace	183	Striped Bass	464
Bleeding Codfish for Drying.....	391	Swordfish	460
Fish before Icing.....	359	(Also see Pickling.)	
Bloater Herring	485-488	Bristol Bay Canning Co.....	16, 173
Canned	540	"Broiled" Mackerel	520
Paste	552	Brook Minnow	183
Prepared in Great Britain	487	Sucker	181
Blob.....	187	Trout	184
Blueback Salmon	5	"Brook Trout" Canned, Prepared from Herring....	511, 538
Mackerel Canned	538	Brosnius brosmo	390
Blue Cat	181	"Buckhorn" Mussels.....	291
Bluefish Brine-salted	464	Bückling.....	487
Icing.....	363	Bullhead	181, 187
Preserved in Cold Storage.....	370, 382	Bumpus, H. C	271
"Bluepoint" Mussels.....	291	on the Reappearance of the Tilefish..	323-333
Blue-spotted Sunfish	185	Burrongs Bay.....	100
Boca de Quadra	62	Butter-fish Smoked	506
Boepple, J. F.	288, 303	"Butterfly" Mussels.....	291
Bolargo	547	Butterworth, Benjamin, on Spring Mackerel Fishery	214, 215
Boleosoma efulgens.....	186	Buttles, H. W.	554
olmstedi	186	Button-making Machinery	305
Boneless Codfish	390	Mussels utilized in.....	289
in Australia.....	399	Calico Bass	185
Preparation of.....	400-405	Canadian Gazette on Transportation of Live Lobsters.	351
Sardines	534	Canned Fishery Products on New York Market (Tab- ular Statement).....	540
Bonito Dry-salted.....	414, 416	Marine Products Classified	511
Bony Fishes, Peripheral Nervous System of	315-320	Canneries of Karluk District	143
Boracic Acid.....	557, 561	Can-filling Machines.....	510
used with Codfish.....	403	Canning Broiled Mackerel	520
Borax used in Preserving Fish.....	561	Caviar	540, 544
Borodine, Nicolas, on Frozen Fish Trade in Europe	385	Codfish Balls.....	540
Boston Fishing and Trading Co.....	17	Crabs	524, 540
Boulenger, G. A.	273	Development and Methods of.....	507-511
Boutelle, C. A., on Spring Mackerel Fishery.....	217,	Eels.....	537
218, 219, 220, 221		Fishery Products.....	337, 507-540
Bowers, George M.	328	Giant Scallops	539
Branch Herring.....	183	Green Turtle	539
Bream	182, 186	Halibut	539
Caviar made from Eggs of	545	Herring	538
Breckinridge, Clifton R., on Spring Mackerel Fishery	203,	"Herring Mackerel"	538
204, 205, 209, 210, 221, 224		Lobsters.....	521-523
Breckinridge, W. P., on Spring Mackerel Fishery.....	221	Mackerel	519
Brevoortia tyrannus	184	Menhaden	509, 538
"Bricks," Codfish packed in.....	403-405	"Ocean Trout".....	538
Halibut.....	490	Oysters	516-519
Brine-salting Alewives or River Herring	450-453	Processes.....	20, 507-540
Bluefish.....	464	Salmon	23-34, 512-516
Channel Bass	464	Salt Mackerel.....	520
Cod and Haddock.....	453-455	Sardines	526-537
Croakers	464	Shrimp	523-524
Development and Methods of	425-427	Smelt	538
Fish on the Great Lakes	461-464	Smoked Sturgeon.....	538
Halibut Fins.....	464	Soft Clams.....	519
Herring.....	436-450		

	Page.		Page.
Canning Spanish Mackerel	539	Clams Pickled	473
Cans and Boxes for Canned Salmon	33	Clarence Strait Halibut Ground	46
Cape Fox Packing Company	16, 62, 64	Clark & Martin	62, 64, 65
Cape Lees Packing Company	17	Clinging Goby	187
Carassius auratus	182	Close Season for Salmon	40
Car for Transferring Live Fish	348	Clupanodon caeruleus	532
Carbolic Acid and Soda used in Preserving Fish	561	pilchardus	532
Carcharhinus obscurus	180	Clupea harengus	436, 532
Carp	181, 182	pilchardus	465
Caviar from Eggs of	545	sagax	532
Cold Storage of	382	sprattus	532
Smoked	506	Cod	124
Carpiodes cyprinus	181	Brine-salted	453-455
Carp Sucker	181	Cold Storage of	382
Cars for Transporting Live Fish Overland	348	Held Alive for Market	342, 344
Refrigerator	367	Icing	363
Catfish, Cold Storage of	382	Live at Grimsby	344
Frozen, Remaining Alive	357	Woods Hole	345
Held Alive in Cars	345	Roe Salted and Smoked in Norway	547
Smoked	503	Codfish Balls Canned	540
Catostomus commersonii	181	Boneless	400
nigricans	181	Dried, Grades of	398
Caviar	541-546	Drying in Foreign Countries	406-410
Canned	540	on Atlantic Coast	390-398
Cold Storage of	382	Pacific Coast	398
Central Alaska Company	17, 172	Markets for	406
Chenobryttus gulosus	185	Cold-smoking Fishery Products	474
Chetodipterus faber	187	Cold Storage and Artificial Freezing	370-388
Chain Pickerel	184	of Fish, Development of	371-373
Channel Bass Brine-salted	464	Collecting and Fishing by the Albatross	45-48
Dry-salted	413	Collins, J. W., on Dry-salting Kingfish	413
Cat	181	Collins, Patrick A., on Spring Mackerel Fishery	204, 205
Charts of Alaska Salmon Districts	48	Columbia Salmon	5
Cheese Prepared from Fish-roe	546	Common Names of Alaska Salmon	5
Chelonia mydas	539	Compressed Air used in Preserving Fish	563
Chesapeake Bay Crab Industry	356	Compression System used in Freezing Fish	374
Process of Brine-salting	452	Used in Desiccating Codfish	389, 393
Brine-salting Shad	459	Concentrated Berlinit	562
Smoking River Herring	489	Cook Inlet District	140-143
Chignik Bay	164	Cooling Fish with Ice	359-367
Combination	18	Copper River	133
Packing Company	17	Coquenhena	139
Lagoon and River	168	Corn Husks for Lining Tin Cans	509
Chilkat	125	Cottonwood Point	133
Canning Company	17	Cottus aleuticus	190
Packing Company	16	meridionalis	187
River and Inlet	127	Crab Butter	552
Chilkoot River	127	Soup	540
Chilling Fish before Shipment	362	Crabs Canned	524, 540
Chinese Labor at Salmon Canneries	23	Shipped alive	356
Shrimp and Fish Drying	414-417	Crappie	185
Chinook Salmon	5	Crates for Shipping Crabs	357
Chloride of Calcium used in Freezing	375	Crawfish Butter	552
Chloroform and Ether used in Preserving Fish	561	Creek Fish	181
Cholmondeley Sound	84	Sucker	181
Christiania Anchovies	468	Crisfield Crab Industry	356
Chub Suoker	181	Croakers Brine-salted	464
Cincinnati Oyster and Fish Company	376	"Crowfoot" Dredge used for taking Mussels	295
Ciscoes	461	Culling Codfish	393
Brine-salted	461, 462	Curing Codfish	390-410
Clam Chowder Canned	540	on Pacific Coast	398
Extracts	553-556	Herring, Foreign Methods of	441-450
Juice	540	Cusk, Drying	390, 394
Clams at Klawak	111	Cut-lips	183
Canned	519, 540	"Cut" River Herring	452
Cold Storage of	382	Cutting Packing Company	16, 23, 88, 102
Marketed Alive	353	Cyprinodon variegatus	184

	Page.		Page.
Cyprinus carpio	182, 545	Dutch Cure of Herring	443
Dace	182, 183	Earle, R. E., on Sardine Canning	527
Darter	186	East Indian Method of Curing Trepang	419
Davis, William	372, 383	Eastern Pickerel	184
Day, Francis, quoted	276, 437, 465, 545, 547	Eckhart Process of Preservation	559
Deerhorn Mussels	291	Edwards, Vinal N.	273
Denmark, Smoking Herring in	492	Eeke	75, 116
Depletion of Mussel-grounds	299	Bel	183
Salmon Streams	34-37	Soup	540
Desiccated Codfish	405	Eels Canned	537, 540
Desiccating Clams and other Shellfish	554	Cold Storage of	382
Desiccation or Drying	389-424	Held alive for Market	346
Development and Methods of Brine-salting	425-427	Pickled	470
Canning	507-511	Smoked	504
Smoking	474-478	Egegak Fishing Station	176
of Cold Storage	371-373	Eggs, Fish, Preparation for Food	541-548
Fresh-fish Trade	358	English Method of Smoking Herring	484
Deviled Lobsters	523	Engraulis encrasicolus	466
Discoloration of Canned Clams	519	Enneacanthus gloriosus	185
Canned Shrimp	523	obesus	185
Codfish	399, 400	Erimyzon sucetta	181
Dried Mullet	412	Ether and Chloroform used in Preserving Fish	562
District of Columbia, Fishes of	179-187	Etolin Island	109
Dolly Varden and Cut-throat Trout destructive of Salmon Spawn	15	Eupomotis gibbosus	186
Dolly Varden Trout	128	Europe, Frozen-fish Trade in	383, 385
Doris Bay	103, 165	European Trade in American Oysters	355
Dorosoma cepedianum	183	Evaporation in Freezing Fish	382
Drag-rake used in Mussel Fishing	293	Exoglossum maxillingua	183
Dressing Cod for Drying	391	Extracts of Clams and Oysters	553-556
Fresh Fish before Shipment	360	Fish	549-552
Fish for Pickling	425, 462	Eyak Lake	132, 185, 196
Smoking	474	Fallfish	182
Halibut for Smoking	497	Fall Herring	183
"Drinking" Oysters for Market	354	"Family Whitefish"	462
Drying	389-424	Farlow, W. G.	399
Albacore	416	Farris, Joseph	450
Barracuda	414, 416	Federation Pike	184
Bonito	414, 416	Feeding Lobsters Confined in Pens	340
Channel Bass	413	Sturgeon Confined in Pens	340
Codfish	390-410	Fermentation Fish	466
Cusk	390	Fibred Codfish	405
Fish Artificially	420-424	Filefish new to the Fauna of the United States, Notice of, by Hugh M. Smith	273-278
Haddock	390, 397	Filling Machine	24, 28
Hake	390, 397	Fine-scaled Mullet	181
Kingfish	413	Finnan Haddie	500
Mullet	412	Canned	540
Oysters	416	Fish Chowder Canned	540
Pollock	390, 396	Curing by Whitman Process	422-424
Redfish	417	Dried by Chinese in Louisiana and California	416
Rock Lobsters	416	Eggs Prepared as Food	541-548
Salmon	411	Meal	549, 551
in Scotland	411	Transported Alive	348
on Alaskan Coast	411	Traps	161
Sardines for canning	527	at Cook Inlet	143
Shrimps	414-416	Uganuk	150
Skates	416	Fishery Products Preserved for Food, Charles H. Stevenson on	435-563
Squid	417	Fishermen at Salmon Canneries	23
Sturgeon Meat in Russia	418	in Karluk Region	152
Sturgeon Products	417	Mussel Fishery	292
Trepangs	418-420	Fishermen's Packing Company	165
Yellow-tail or Amber-fish	414	Fishes of District of Columbia	179-187
Duke Island	68	Fishing and Collecting by Steamer Albatross	45-48
Dunbar, G. W., & Sons	523	Grounds for Mussels in Mississippi River	298
Duncan, William	66	of Karluk region	146
Dunfish	396	Season for Mussels	297
Dusky Shark	180		

	Page.		Page.
Flakes for Codfish	394	Golden Ide	182
Flatfish, Freezing of	377, 382	Orfe	182
Flavoring Solutions used in Pickling Fish.....	425, 467-473	Goldfish	182
Fletching Halibut	497	Goode, George Brown, on Spring Mackerel Fishery...	206,
Floats for Storing Oysters or Clams	354	211, 224	
Floods destructive to Mussels	286	Goody	187
Flounders Smoked.....	506	Grades of Codfish.....	393, 398
Fluoride of Sodium and Chloride of Sodium	562	Halibut, Fresh	364
Food Extracts of Marine Products.....	549-556	Smoked	499
Foreign Codfish Markets	406	Hard Herring.....	482
Herring, Importation of.....	440	Mackerel Brine-salted	435
Methods of Curing Codfish.....	406-410	Mullet Brine-salted	458
Herring	441-450	Trout Brine-salted.....	464
Sardines.....	534-537	Whitefish Brine-salted	464
Smoked Herring in the United States.....	479, 483	Grass Chub	183
Smokehouses.....	475	Pike, Cold Storage of	382
Formalin, to prevent Mold on Frozen Fish.....	381	Gray, George, on Spring Mackerel Fishery ..	240, 241, 243, 250
Fraser River Salmon	5	Great Lakes, Brine-salting Fish on	461-464
Freezing, Artificial, and Cold Storage	370-388	Green Bass	186
Fish in Europe	385	Green Turtle Canned	539, 540
the open air	368	Soup	539
Herring for Bait.....	387	Penned Alive on Gulf of Mexico.....	341
French Method of Curing Codfish	407	Groupers Preserved in Well-smacks	343
Sardines	534	Guano made from Herring	124
"Freshening" Oysters for Market	354	Gudgeon	182
Fresh Fish Trade, Development of	358	Gurnard	187
Fresh-Mackerel Fishery, Ice used in.....	365	Gymnelis viridis	192
Fresh-water Fish transported alive in Germany.....	350	Haddock Brine-salted.....	453
Mussels of United States.....	279-288	Cold Storage of	382
Tailor	183	Cured as Clubbed Haddock	396
Frozen-Herring Industry.....	368-370	Drying	390, 394, 396
used for bait	369, 387	Icing	363
Frye, William P., on Spring Mackerel Fishery.....	232,	Roe in New England Fisheries.....	548
249, 250, 251		Smoked	500-501
Fryer, C. E., on preparation of Sprats as Sardines.....	535-537	Hadropterus peltatus.....	186
Fuel for Smoking Fish	476, 482, 488, 499, 501	Hake, Drying	390, 394
Fulton Market Live-cars	344	Smoked	506
Fumadoes.....	465	Hale, Eugene, on Spring Mackerel Fishery	244,
Fundulus diaphanus	184	245, 246, 247, 250	
heteroclitus	841	Halibut Canned.....	539
Gadidae	390	Cold Storage of	382
Gadus callarias	390	Fins Pickled	464
Gahrnsch or Fermentation Fish	466	Grades of Fresh	364
Garfish Eggs as Caviar	542	Smoked.....	499
Gar Pike.....	181	Icing.....	363-365
Garum sociorum	552	Smoked	497-499
Gasterosteus cataphractus	189	Trials by the Albatross	45
Gelatin used in Preserving Fish	561	Halifax Salmon	455
George, James Z., on Spring Mackerel Fishery.....	243	Hall, Ansley, on Brine-salting Alewives	452
German Carp.....	182	Preparing Sardines	531
Germany, Smoking Eels in	505	Smoking Hard Herring	479-482
Salmon in.....	496	Testing Sardine Cans	530
Gewürzhering	469	Hamburg, Shipments of Fish to	383
Giant Scallops Canned.....	539	Hard Herring.....	478
Gibbed Herring.....	430	Hatcheries in Moira Sound Region	83
"Gibbing" Mackerel.....	432	"Hatchet-back" Mussels	291
Gill nets in Copper River	134	Helm Bay	91
Cook Inlet.....	143	Herrick, C. Judson, on the Peripheral Nervous System	
Mejlaqabtia Fisheries	67	of the Bony Fishes.....	315-320
Gizzard Shad.....	183	Herring	183
Glacier River	132	Barrels	445, 446
Glucose employed in Brine-salting.....	426	Branded as "Brook Trout"	538
Glut Herring	183	Brine-salted	436-450
Glycerin used in Preserving Fish.....	561	Canned	540
Gobiosoma boscii	187	Canned as Mackerel.....	538
Goble, Oregon, Cold Storage Plant.....	376	Foreign Method of Brine-salting.....	441-450
Goggle-eye.....	185	Frozen for Bait	387

	Page.		Page.
Herring Frozen in Open Air	368-370	Inclosed Water Areas for preserving Aquatic Prod- ucts alive	339
Imports of Pickled	338, 440	Indian Barricades of Salmon Streams	37
in Norway, Preparation of	468	Labor at Salmon Canneries	24, 25
of Alaska	123	Indians of Northwest, Fish-drying by	389
of Northern Europe	436	Relations to Salmon Fisheries	43
Packed at Killisnoo	124	Inspection of Mackerel	434
Preserved in Cold Storage	370	Pickled Fish	428, 430
Smoked	478-493	Insulation of Cold-storage Walls	376, 381
"Herring Mackerel" Canned	538	Italian Sardels	466
Herring Trap at Kootznahoo Inlet	122	Itinerary of the Albatross	2
Herzen Preserving Process	562	Jannasch Preservative	560
Hessa	116	Japanese Canned Shrimp	524
Hessa Inlet	72	Methods of Pickling Fish	425
Hetta Inlet	73	Preparing Fish Extracts	552
Hewitt, A. S., on Spring Mackerel Fishery	205,	Jellied Oysters	472
	208, 209, 210, 212, 214	Jordan, David S.	417
Hickory Jack	183	Kadiak Island, Tide-pool Fishes from	189-192
Shad	183	Kaguyak	147
Hog-choker	187	Kah-Shakes	62, 64
Hogfish	187	Kah-Sheets	106, 108
Brine-salted	404	Karluk and Chignik District	144-172
Held Alive on Virginia Coast	346	Canneries	148
Hog Molly	186	Hatchery	155
Hogshead Smokehouses	475	Packing Company	16, 148
Holdsworth, on Live-cars at Grimsby	344	River Fisheries	18, 148, 149
Preparing Pumadoes	465	Karta Bay and Stream	87, 89
Holland Herring	440	Kasaan Bay Stream	85
Process of Pickling Cod	454	Kassook	116
Smoking Herring	483	Inlet	76
Smoking Salmon in	496	Kegan	78
Hoopid Salmon	5	Kegs for Caviar	543
Horned Dace	182	Foreign Herring	440
Pout	181	Kench-cured Codfish	395
Horny-head	183	Mullet	412
Horseshoe Crab Eggs as Caviar	542	Ketchikan	64
Hot-smoking Fishery Products	474	Kieler Sprottan	540
Hume-Alentian Compact	149	Killifish	184
Hume Bros. & Hume	17, 18, 166	Killisnoo	121-125
Hume Canning and Trading Company	17, 149	Kingfish	187
Hume, George W	141	Dry salted	413
Hume Packing Company	17, 149	Kingfish Smoked	507
Humpback Salmon destructive of Redfish Eggs	15	King Salmon	89, 124, 131, 134
Hunter Bay Region	68, 77	Kinney, M. J.	62, 125
Huxley on Herring Fisheries	213, 225	Kippered Herring	488
Hybognathus nuchalis	182	Salmon	411
Hybopsis kentuckiensis	183	Kisutch	5
Hydrocarbon Gas used in Preserving Fish	561	Kithraum Stream	84
Ice, Cooling Fish with	359-367	Kiuk River	143
in Fresh Mackerel Fisheries	365	Klakas	116
Introduced in the Vessel Fisheries	359	Inlet and Stream	70
Ice-and-Salt Freezers, Description of	373, 379	Klawak	109-115
Ice-fishing for Mussels	296, 300	Cannery at	16
Ice-house Salted Salmon	456	Kodiak Packing Company	17, 148, 157
Iceland Method of Curing Codfish	409	Kootznahoo Inlet	123
Icing Cod, Haddock, and Bluefish	363	Krasnaya ryba	5
Halibut	363, 365	Kunz, George F.	279
Oysters	366	Kussilof River	141
Shad	365	Kvichak River	174
Ictalurus punctatus	181	Labels and Brands of Salmon Canneries	32
Idus idus	182	Labor at Salmon Canneries	23
Illegal Fishing at Karluk	147	Labrador Split Herring	487
for Salmon	34	Lake Bay	106
Importation of Caviar	542	Lake Eyak	185, 196
Pickled Herring	440	Lake Herring Brine-salted	461-464
Pickled Salmon	455	Freezing of	370-382
Russian Sardines	467	Smoked	491
Sardines	534		

	Page.		Page.
Lake Trout, Brands of	464	Mackerel Canned	519, 540
Brine-salted	461-464	Cold Storage of	370, 382
Canned	540	Fishery, Spring	193-271
Freezing of	370-382	Icing Fresh	365
Smoked	506	Pocket	492
Lamprey	180	Smoked	505
Eel	180	McPherson, John R., on Spring Mackerel Fishery	229,
Lamprellis anodontoides	283, 290		231, 232
capax	291	Maine Regulations as to Brine-salting	428
fallaciosus	291	Margaritana deliscens	283
ligamentinus	291	margaritifera	284
luteolus	284	Marino Products Classified	511
rectus	290	Preserved by Pickling	425-473
ventricosus	291	Market for Smoked Halibut	499
Large-mouthed Black Bass	186	Marketing Live Crabs	356
Larsen Bay	159	Oysters and Clams	353
Late-spawning Salmon	12	Markets for Canned Salmon	32
Lea, Isaac	285, 287	Pearl Buttons	309
Lead Poisoning from Canned Fish	509	Marten Arm	62, 64
Leask's Refrigerating Machinery and its Management	374	River	133
Leather Carp	182	Mary Island	62
LeClaire, E., on Icing Fish	361	Massachusetts Regulations as to Brine-salting	429
Legislation for Mackerel Fishery	271	Smoking Alewives	496
Leiostomus xanthurus	187	Material for Producing Smoke in Smokehouses	476
Lepisosteus ossesus	181	Mätjeshering	469
Lepomis auritus	186	Mechanical Freezers for Fish, Description	374
Leptocottus armatus	190	Medloch and Bailey Method of Preserving Fish	562
Leuciscus margarita	182	Melanogrammus aeglefinus	390
rutilus	545	Menhaden	184
vandoisulus	182	as Sardines	533
Lewis, James	285	Canned as "Ocean Trout," etc	538
Libbey, William	324	Canning	509
Lija barbuda, figured	277	Food Extracts from	550
Limulus polyphemus	542	Smoked	506
Little Kayak Island	129	Menidia beryllina	185
Little River	133, 147, 159	Menticirrus saxatilis	187
Little Whale Bay	120	Merlucius bilinearis	390
Live-cars or Live-boxes	344-348	Mess Mackerel	435
Live Crabs, Transportation of	356	Methods pursued in Button Industry	306
Fish Transported Overland	348-350	Metlakahla	17, 66
Lobsters Transported	350-353	Micropterus dolomieu	186
Oysters and Clams Transported	353-356	salmoides	186
Terrapins and Turtles	357	Miller's Thumb	187
Lobster Live-cars	347	Miller, Warner, on Spring Mackerel Fishery	230, 231,
Ponds on New England Coast	340	233, 234, 235, 236, 237, 238, 239, 240, 241, 242,	
Smacks	343	244, 245, 247, 248, 250, 251, 252, 253, 254, 255	
Lobsters Boiled before Shipment	353	Milliken, Seth L., on Spring Mackerel Fishery	214, 215, 222
Canned	521-523, 540	"Minerva," Chinese Preservative	562
Pickled	473	Mink Arm and Stream	62, 64
Preserved Alive in Coves or Ponds	340	Mirror Carp	182
Transported Alive	347, 350-353	Mississippi River Pearl-button Industry and Mussel	
Log Perch	186	Fishery	289-314
Long-eared Sunfish	186	Mitchell Island	120
Long-mouthed Minnow	182	Moira Sound	78
Long-nosed Dace	183	Mold on Frozen Fish	381
Lopholatilus chamaeleonticeps	321	Smoked Fish	477
Lore, Charles B., on Spring Mackerel Fishery	205,	Monacanthus monoceros	276
216, 217, 218, 219, 220, 221, 222		Moonfish	187
Louisiana Catfish held Alive for Market	345	Morgan, David	125
Shrimp-drying	414	Morone americana	187
Lucioperca sandra	545	Moser, Jefferson F	516
Lucius americanus	184	Moser, J. F., on the Salmon and Salmon Fisheries of	
reticulatus	184	Alaska	1-178
McDonald Bay	97	Moss Water used in Preserving Fish	563
McGray, A. and H	351	Moxostoma macrolepidotum	182
Mackerel Brine-salted	430-436	Mud Bay	165
"Broiled"	520	Cat	181

	Page.		Page.
Mud Minnow	184	Oncorhynchus haberi.....	518
Shad.....	183	keta.....	5
Muffle-jaw.....	187	kisutch.....	5, 455, 512
Mullet.....	182	nerka.....	5, 455, 512
Brine-salted.....	457	perryii.....	518
Dry-salted.....	412	tschawytscha.....	5, 455, 512
Roes salted.....	547	Open-air Freezing of Fish.....	368
Smoked.....	506	Opsanus tau.....	187
Mummichog.....	184	Orthopristis chrysopterus.....	187
Mussel Farming.....	288	Osbeck, Peter.....	275
Fishery and Pearl-button Industry of Missis-		Osborn, H. L.....	287
sippi River.....	289-314	Oswego Bass.....	186
Mussels, Fresh-water, of United States.....	279-288	Output of Alaska Salmon Canneries.....	51-53
Pickled.....	473	Karluk Canneries.....	149
Utilized in Button-making.....	289	Overland Transportation of Live Fish.....	348
Mya arenaria.....	519, 552	Oxycottus acuticeps.....	191
Myoxocephalus polyacanthocephalus.....	190	Oyster Canning.....	516-519
Naha Bay and Stream.....	92, 95	Crabs Pickled.....	472
Naiades or Pearly Fresh-water Mussels.....	278-288	Trade on Pacific Coast.....	355
Naknek Packing Company.....	17	Tubs.....	367
River.....	175	Oysters Canned.....	540
Necker Bay.....	120	Cold Storage of.....	382
Needle-fish.....	185	Dried by Chinese.....	416
Neoliparis callyodon.....	192	Extracts of.....	553-556
rutteri.....	192	Icing.....	366
New England Process of Brine-salting.....	452	Pickled.....	472
Smoking River Herring.....	490	Shipped Alive.....	353-356
Newfoundland Split Herring.....	487	Vitality of.....	355
Nihlack Anchorage.....	82	Wiring of.....	355
Nichols Bay and Tributaries.....	70, 71	Pacific Coast Oyster Planting.....	355
Nielsen, Adolph, on Brine-salting Herring.....	441-446	Product of Canned Salmon.....	513
Curing Codfish.....	407	Salmon Canning.....	512-516
Shipping Live Lobsters to Europe.....	352	Sardine Canning.....	532-533
Smoking Hard Herring.....	483	Packing Company.....	17, 130
Niggerhead Mussels.....	290	Steam Whaling Company.....	17, 18, 21, 68, 131
Nine-spined Stickleback.....	189	Package Tubs for Oysters.....	367
North Carolina, Brine-salted Mullet in.....	457	Packing Boneless Codfish in "Bricks".....	403-405
North Pacific Trading and Packing Company.....	16	Herring.....	445
North Truro, Mass., Frozen Herring Plant.....	388	Salt Cod.....	393
Northeast Harbor.....	147	Paechel Berlinito.....	562
Northern Packing Company.....	17, 141	Pagliari Process of Preserving Fish.....	562
Northwest Trading Company.....	121	Palmer, Thomas W., on Spring Mackerel Fishery.....	229, 230,
Norwegian Cod Caviar.....	548	231, 232, 236, 237, 240, 242, 246,	
Cure of Herring.....	443, 468	247, 248, 249, 253, 254, 255, 256	
Herring.....	441	Pan-Freezing, Origin of.....	372
Method of Curing Codfish.....	407	Pans used in Freezing Fish.....	377
Sardines.....	535	Panulirus interruptus.....	416
Stockfish.....	410	"Pastes" made from Fish.....	553
Notemigonus crysoleucas.....	182	Pearl-button Industry and Mussel Fishery of Missis-	
Notropis anostanus.....	183	sippi River, Hugh M. Smith on.....	289-314
cornutus.....	183	Pearly Fresh-water Mussels of the United States,	
hudsonius amarus.....	182	Charles T. Simpson on.....	279-288
photogenis.....	183	Pecten magellanicus.....	539
proone.....	182	"Peeler" Crabs.....	356
Nova Scotia, Smoking Salmon in.....	495	Peninsula Trading and Fishing Company.....	17
Nushagak Packing Company.....	17, 173	Perca flavescens.....	180
Nutqua Inlet.....	78	Perch Brine-salted.....	464
"Ocean Trout" Canned.....	538	Caviar from Eggs of.....	545
Odiak.....	130	Cold Storage of.....	382
Ofal in Karluk River.....	157	Preserved Alive.....	340
O'Hara Bay.....	121, 128	Percina caprodes.....	186
Oil in Sardine Canning.....	527, 528, 531	Percopsis guttatus.....	185
from Herring.....	124	Peripheral Nervous System of Bony Fishes.....	315-320
Old Sitka, Cannery at.....	16	Petromyzon marinus.....	180
Oligocottus maculosus.....	190	Pholis ornatus.....	192
Olsen Bay.....	121, 128	Pickrel Canned.....	540
Oncorhynchus gorboscha.....	5, 455, 512	Pickle-cured Fish.....	396

	Page.		Page.
Pickling Clams	473	Pumpkin-seed	186
Eels	470	Pygosteus pungitius	189
Halibut Fins	464	Pyramid Harbor	125
Lobsters	473	Packing Company	16, 125
Marine Products	337, 425-473	Quadra Packing Company	17
Mussels	473	Redfish, Size of	63
Oyster Crabs	472	Stream and Lake	62
Oysters	472	Quadrula ebena	290
River Herring in Russia	453	metanevra	290
Salmon	455-457, 471	pustulosa	290
Scallops	473	undulata	291
Sturgeon	469	Quarter Oil Sardines, Cost per Case	531
with Vinegar and Spices	467-473	Quillback	181
(Also see Brine-salted.)		Quinnat Salmon	5
Pigfish	187	Railroad Car for Transporting Live Oysters	356
Pike	184	Rakes used in Mussel Fishing	293
Brine-salting	461-464	Rathbun, Richard, on Drying Shrimp at San Francisco	415
Caviar from Roe of	546	Ratz Harbor	107
Frozen Alive in Ice	357	Reagan, John H., on Spring Mackerel Fishery	204, 205
Minnow	184	Reaming Mackerel	433
Pilchards Salted	465	Reddening of Dry-salted Mullet	412
Pinnotheres ostreum	472	Salted Codfish	399
Pipefish	185	Red-eye Perch	185
Piper, Enoch	371	Redfin	183
Pirate Perch	185	Redfish Bay	116-121
Plagiola securis	291	Redfish Dry-salted	417
Pleurobema mesopus	290	Hatchery at Karluk	35
Plowing Mackerel	433	Red Herring, Preparation of	485
Pocketbook Clams	291	Redhorse Mullet	182
Pocket or Spiller for Mackerel	431	Red-mouthed Grunt	187
Point Barrie	108, 121	Redoubt	120
Ellis	121	Redoubt St. Nicolas	140
Roberts Packing Company	17, 174	Red River	146
Poison Cat	181	Red Snappers Preserved in Well Smacks	343
Pollachius virens	390	Reed, Thomas B., on Spring Mackerel Fishery	204,
Pollock Dry-salted	390, 396	205, 206, 207, 208, 212, 217, 219, 220	
Smoked	499, 506	Refrigeration	337, 358-388
Pomolobus aestivalis	183, 436	Applied to Salmon	384
mediocris	183	of Fish on Pacific Coast	383
pseudoharengus	183, 436	Refrigerator Cars	367
Pomoxis annularis	185	Regulations as to Brine-salted Fish	427-430
sparoides	185	Inspecting and Packing Smoked	
Pompano, Cold Storage of	382	Herring	490-491
Porocottus bradfordi	191	Smoked Herring	483
Portland Fishing Exchange, Petition concerning the		Retorts used in Canning	28
Mackerel Fishery	199	Revillagigedo Channel	62
Preservaline	543, 560	"Rex Magnus"	500
Preservation of Fishery Products Alive	330-357	Rhinichthys atronasmus	183
by Canning	507-540	cataractæ	183
Drying and Dry-salting	389-424	Rhode Island Regulations as to Brine-salting	430
Low Temperature	358-388	Ringed Perch	186
Miscellaneous Antiseptics	557-563	River Chub	183
Pickling	425-473	River Herring	183
Smoking	474-506	River Herring or Alewives Brine-salted	450-453
Prices of Brine-salted River Herring	452	Smoked	489-491
Canned Fish, Tabular Statement	540	Roccus lineatus	186
Canned Salmon	33	Rock Bass	185
Codfish, Tabular Statement	398	Rookfish	186
Foreign Herring, Tabular Statement	441	Rock Lobsters, Drying	416
Mackerel, Tabular Statement	436	Roosen Process for Preserving Fish	558
Mussel Shells	301	Round Herring	438
Pearl Buttons	309	Royal Packing Company	17, 164
Smoked Herring	483	Ruger's Barmenide	562
Prince of Wales Island	106	Runs of Alaska Salmon	7
Prince William Sound and Copper River Region	129-139	Salmon in Hunter Bay Region	77
Prionotus carolinus	187	Russian-American Packing Company	17, 160, 164
Prosper Fishing Company	174	Russian Method of Drying Sturgeon Meat	418

	Page.		Page.
Russian Method of Pickling River Herring.....	453	Sarda chilensis.....	414
Preparing Caviar.....	544	Sardels.....	460
Product of Caviar.....	541	Sardine Butter.....	552
Sardines.....	467	Canning in Maine.....	526-532
Stockfish.....	410	on Pacific Coast.....	532-533
Rust on Brine-salted Fish.....	426	Output of Maine in 1889 and 1892.....	530
Rutter, Cloudsley, on a Collection of Tide-pool Fishes from Kadiak Island.....	189-192	Sardines.....	526-537, 540
Ryder, John A., on Wiring Oyster-shells.....	355	Foreign.....	534-537
Sacramento Salmon.....	5	Prepared from Menhaden.....	533
Sahlstrom Process of Brine-salting Fish.....	466	Russian.....	467
Preparing Food Extracts from Fish.....	550	Smoked, Norwegian.....	535
Salicylic Acid used in Preserving Fish.....	562	Satin-fin.....	183
Salmo gairdneri.....	512	Saugers, Cold Storage of.....	382
mykiss.....	15	Saws and Saw-holders used in making Buttons.....	307
Salmon and Salmon Fisheries of Alaska, J. F. Moser on.....	1-178	Scallops, Cold Storage of.....	382
Bay.....	107	Pickled.....	473
Brine-salted.....	455-457	Scandinavian Packing Company.....	165
Brine-salting on Pacific Coast.....	455	Schilbeodes insignis.....	181
Canned on Pacific Coast.....	513, 540	Schultz, Alexander, on Drying "Balyk".....	418
Canneries in Alaska, Establishment of.....	16-21	Scomber scombrus.....	539
Operated in Alaska, 1878-1897.....	49-50	Scotch Cure of Herring.....	441-443
Canning.....	512-516	Method of Curing Codfish.....	408
Catch at Karluk.....	144	Process of Pickling Cod.....	454
from Hetta Stream.....	74	Preparing Extract of Clams.....	556
Nichols Bay Stream.....	72	Scotland, Brine-salting Salmon in.....	456
Nowisk Kay Stream.....	82	Drying Salmon in.....	411
Peter Johnson Stream.....	83	Scup held Alive in Pounds.....	340
Dried and Dry-salted.....	411	Sea Bass held Alive for Market.....	344, 346
Fishery and Cannery Methods.....	22-34	Cucumber, or Sea slug, Drying.....	418-420
Frozen on Pacific Coast.....	370, 384	Lamprey.....	180
Hatchery near Karluk.....	155	Mink.....	187
Inspectors.....	42	Robin.....	187
Pack of Alaska Canneries for 1896.....	54	Seal Flesh, Food Extract from.....	550
1897.....	55	Seal Rocks.....	146
Hunter Bay Cannery.....	69	Seed Oysters shipped to Pacific Coast.....	355
Packs at Metlakahtla.....	67	Seines at Karluk.....	152
Pickled.....	471	Sellman, Henry.....	467
Returning to Sea.....	14	Semotilus atromaculatus.....	182
Runs.....	7	corporalis.....	182
at Karluk.....	147	Seriola dorsalis.....	414
Shipped from Columbia River to Atlantic Coast.....	368	Seufert Brothers Co. on Transporting Salmon.....	308, 384
Smoked.....	493-497	Sevrionga, "Balyk" made from.....	418
Transferred Alive by U. S. Fish Commission.....	346	Caviar from Eggs of.....	545
Traps.....	41	Sewell, William J., on Spring Mackerel Fishery.....	246, 247
Salt and ice Freezers, Description of.....	373	Shad.....	184
'Salted Pilchards or Fumadoes.....	465	Brine-salted.....	458-460
Pollock.....	396	Cold Storage of.....	382
Salmon Smoked in Sweden.....	494	Eggs as Caviar.....	542
Saltary at Ugashik.....	177	Iceing.....	365
Statistics.....	60	Roes Salted.....	547
Salting Cod.....	392	Smoked.....	506
Salmon.....	21	Shark Flesh, Food Extract from.....	550, 552
in Alaska.....	455	Sheepshead Brine-salted.....	464
Salt Mackerel Canned.....	520	Minnow.....	184
Saltpeter and Alum used in Preserving Fish.....	561	"Shell Lobsters," Canning of.....	522
used in Smoking Fish.....	495	Shielded Darter.....	186
Salvelinus fontinalis.....	184	Shiner.....	182, 183
malma.....	15, 45	Shipley Bay.....	109, 121
Salt-water Crayfish, Drying.....	416	Shipping Car used in Great Lakes Fish Trade.....	362
Fish transported alive in Germany.....	350	Fresh Fish.....	359-362
Gar.....	185	Frozen Salmon from Pacific Coast.....	384
Sand Perch.....	182	Live Crabs.....	356
Roller.....	185	Lobsters.....	350-353
San Francisco, Shrimp-drying by Chinese.....	415	Oysters and Clams.....	353-356
		Packages for Fish.....	361
		Oysters.....	366
		Ships and Boats at Karluk.....	154

	Page.
Short-nosed Sturgeon	181
Shrimp, Canning	523, 540
Drying	414-417
Paste	552
Shumagin Packing Company	17, 165
Sigmistes caulias	190
Silver Chub	182
Fin	182, 183
Fish	182
Gar	185
Perch	187
Salmon	5
Silvery Minnow	182, 183
Simmonds, P. L., on Curing Trepangs in East Indies	419
Simpson, Charles T., on the Pearly Fresh-water Mussels of the United States	270-288
Siphostoma fuscum	185
Size of Salmon	169
Skates Dried	416
Skowl Arm	85
Snackees	343
Small Fish, Canning	509
Small-mouthed Black Bass	186
Smelt	182
Canning	538
Minnow	182
Preserved in Cold Storage	370
Smith & Hirsch	16, 148
Smith Bay	121, 128
Smith, Hugh M	356
and Barton A. Bean on Fishes of District of Columbia	179-187
Notice of a Filefish new to the Fauna of the United States	273-278
on Southern Spring Mackerel Fishery of the United States	193-271
on Mussel Fishery and Pearl-button Industry of Mississippi River	289-314
Smith, Joseph, on Spring Mackerel Fishery	247
Smoked Alewives or River Herring	489-491
Bloater Herring	485-488
Butter-fish	506
Carp	506
Canned	540
Catfish	503
Eels	504
Flounders	506
Haddock or Finnan Haddie	500
Hake	506
Halibut	497-499
Hard Herring	478-485
Kingfish	506
Kippered Herring	488-489
Lake Herring	491
Lake Trout	506
Canned	540
Mackerel	505
Menhaden	506
Mullet	506
Pike Canned	540
Pollock	499, 506
Salmon	493-496
Sardines of Norway	535
Shad	506
Sturgeon	501-503
Canned	538
Tilefish	506

	Page.
Smoked Whitefish	491
Smokehouses, Description of	475, 476, 479, 499
Smoking Fishery Products	474-506
Snug Harbor	158
Sockeye	5
Soda and Carbolic Acid used in Preserving Fish	561
Soft-shell Crabs Shipped Alive	356
Soldering Machine	26
Somerset River	138
"Sour Halibut"	497
Southeast Alaska District	61-128
Southern Spring Mackerel Fishery of the United States	193-271
Southwick, J. M. K.	332
Sozoliths	562
Spadefish	187
Spanish Mackerel Brine-salted	464
Canned	539
Cold Storage of	382
Spawn-eater	182
Spawning and other Habits of Alaska Salmon	9-15
Grounds of Alaska Salmon	11
Nests of Alaska Salmon	11
Speckled Perch	185
Trout	184
Sphyræna argentea	414
Spiced Herring	469
Spices, Pickling with Vinegar and	467-473
"Spiller" for Mackerel	431
Spinal Cords of Sturgeon utilized	417
Split Herring	439
Spot	187
Spotted Cat	181
Sprats Prepared as Sardines	535
Spring Mackerel Fishery	193-271
Salmon	5
Squeteague Brine-salted	404
Preserved in Cold Storage	370, 382
Squid Dried by Chinese	417
Steam Power in Karluk Fisheries	153
Scow used for Taking Mussels	294
Stearns, Silas, on Drying Trepangs	418
Stevenson, Charles H., on the Preservation of Fishery Products for Food	335-563
Stickleback	189
Stikine River	105
Stirling, William, on Extracts of Fish	550
Stockfish	389-410
Stolephorus mitchilli	184
ringens	532
Stone Cat	181
Stone, Eben F., on Spring Mackerel Fishery	223
Stone, Livingston	144, 163
Stone-toter	181
Storage, Cold	370-388
Storer, H. R	232
Strawberry Bass	185
Perch	185
Striped Bass	186
Brine-salted	464
Cold Storage of	382
Penned Alive in Southern Delaware	340
Sturgeon	128, 181
Caviar from Eggs of	540, 545
Fed on Corn	340
Meat Dried in Russia	418
Penned Alive on the Great Lakes	340

Abwell

	Page.
Sturgeon Pickled.....	469
Preserved in Cold Storage.....	370, 382, 384
Products Dried.....	417
Smoked.....	501-503
Canned.....	540
Sucker.....	180, 181
Sugar Employed in Brine-salting.....	426
Sukkwau.....	75, 116
Sulphides of Carbon used in Preserving Fish.....	561
Summer Herring.....	183
Sunfish.....	182, 186
Sun Perch.....	186
Surge Bay.....	121, 128
Sutherland, J. B., Patentee of Refrigerator Car.....	367
Sweden, Pressed Sardines of.....	465
Swedish Process of Pickling Cod.....	454
Salted Salmon.....	456
Smoked Salmon.....	494
Swordfish Brine-salted.....	460
Symphynota complanata.....	291
Tailor Herring.....	183
Shad.....	183
Taku River.....	126
Tamgass Harbor.....	68
Tantog held Alive for Market.....	344, 346
Temperature for Cold Storage.....	381, 382
Tench.....	182
Terrapins Canned.....	540
Penned Alive on the Gulf of Mexico, etc.....	341, 357
Tessellated Darter.....	186
Test Kettles used in Canning.....	27
Thin Point.....	171
Packing Company.....	17
Thompson, Cathcart.....	421
Thorne Bay.....	68, 100
Thymol or Thymate Salts used in Preserving Fish.....	562
Tide-pool Fishes from Kadiak Island.....	189-192
Tilefish, Measurements and Weights of.....	330-332
Reappearance of.....	321-333
Smoked.....	506
Tinca tinca.....	182
Tin used for Salmon Cans.....	33
Toadfish.....	187
Tongass Narrows.....	64
Packing Company.....	16
Tongs used in Mussel Fishing.....	293
Topping Machine.....	25
Trap at Chignik Lagoon.....	170
Trepangs Dried.....	418
Tritogonia verrucosa.....	291
Trochocopus pulcher.....	417
Symphynota complanata.....	291
Tailor Herring.....	183
Shad.....	183
Taku River.....	126
Tamgass Harbor.....	68
Tantog held Alive for Market.....	344, 346
Temperature for Cold Storage.....	381, 382
Tench.....	182
Terrapins Canned.....	540
Penned Alive on the Gulf of Mexico, etc.....	341, 357
Tessellated Darter.....	186
Test Kettles used in Canning.....	27
Thin Point.....	171
Packing Company.....	17
Thompson, Cathcart.....	421
Thorne Bay.....	68, 100
Thymol or Thymate Salts used in Preserving Fish.....	562
Tide-pool Fishes from Kadiak Island.....	189-192
Tilefish, Measurements and Weights of.....	330-332
Reappearance of.....	321-333
Smoked.....	506
Tinca tinca.....	182
Tin used for Salmon Cans.....	33
Toadfish.....	187
Tongass Narrows.....	64
Packing Company.....	16
Tongs used in Mussel Fishing.....	293
Topping Machine.....	25
Trap at Chignik Lagoon.....	170
Trepangs Dried.....	418

	Page.
Unio gibbosus.....	282
luteolus.....	285
obesus.....	283
plicatus.....	284
prosacrus.....	283
subrostratus.....	283
tetralasmus.....	283
tortivus.....	283
ventricosus.....	286
Uranidea gracilis.....	187
Uyak Anchorage.....	158
Variiegated Minnow.....	184
Venus mercenaria.....	552
Vessels and Boats employed by Alaska Salmon Can- neries in 1896 and 1897.....	57-59
Vessels in Spring Mackerel Fishery in 1893.....	265
Vinegar, Pickling with.....	467-473
Virginia Shad.....	183
Vixen Bay.....	62
Wages in Bering Sea District.....	177
Received in Making Pearl Buttons.....	308
Wall-eyed Pike, Cold Storage of.....	382
Warmouth.....	185
Washing of Herring.....	449
Water-horsing Cod.....	393
Halibut for Smoking.....	498
Salmon for Smoking.....	493
Weight of Salmon.....	31, 169
Well-smacks.....	341-343
Early use of.....	341
in Halibut Fishery.....	341
Lobster Fishery.....	343
New York Market Fishery.....	342
North Sea Fisheries.....	349
Red Snapper Fishery.....	343
Western Alaska Company.....	17
Whale Passage.....	106
Whale Flesh, Food Extract from.....	550
Whitefish Brine-salted.....	461-464
Dressed for Market.....	360
Freezing of.....	370-382
Grades of.....	464
Preserved Alive in Ponds.....	339
Smoked.....	491
White Perch.....	187
Sucker.....	181
Whiting.....	187
Whitman Process of Curing Fish.....	422-424
Wilcox, W. A., on Drying Spinal Cords of Sturgeon.....	417
Freezing Fish on Pacific Coast.....	383
Salmon Canning on Pacific Coast.....	513-516
Wages in Bering Sea District.....	177
Received in Making Pearl Buttons.....	308
Wall-eyed Pike, Cold Storage of.....	382
Warmouth.....	185
Washing of Herring.....	449
Water-horsing Cod.....	393
Halibut for Smoking.....	498
Salmon for Smoking.....	493
Weight of Salmon.....	31, 169
Well-smacks.....	341-343
Early use of.....	341
in Halibut Fishery.....	341
Lobster Fishery.....	343
New York Market Fishery.....	342
North Sea Fisheries.....	349
Red Snapper Fishery.....	343
Western Alaska Company.....	17
Whale Passage.....	106
Whale Flesh, Food Extract from.....	550
Whitefish Brine-salted.....	461-464
Dressed for Market.....	360
Freezing of.....	370-382
Grades of.....	464
Preserved Alive in Ponds.....	339
Smoked.....	491
White Perch.....	187
Sucker.....	181
Whiting.....	187
Whitman Process of Curing Fish.....	422-424
Wilcox, W. A., on Drying Spinal Cords of Sturgeon.....	417