

3000

5000 R#

April 15

30

CONTENTS.

	Page.
Report of the Commissioner	VII-XXXIII
Report on the Propagation and Distribution of Food-Fishes. By W. de C. Ravenel	XXXV-CXVIII
Report on Inquiry respecting Food-Fishes and the Fishing-Grounds. By Hugh M. Smith	CXIX-CXLVI
Report of the Division of Statistics and Methods of the Fisheries. By C. H. Townsend	CXLVII-CLXIII

APPENDICES.

Notes on the Foreign Fishery Trade and Local Fisheries of Porto Rico. By W. A. Wilcox	1-34 ✓
Check-list of the Fishes of Florida. By B. W. Evermann and W. C. Kendall.	35-103 ✓
Statistics of the Fisheries of the Gulf States. By C. H. Townsend.	105-169 ✓
Statistics of the Fisheries of the South Atlantic States. By C. H. Townsend..	171-227 ✓
An Inquiry into the Feasibility of introducing useful Marine Animals into the Waters of Great Salt Lake. By H. F. Moore	229-250 ✓
A Review of the Fisheries in the contiguous Waters of the State of Washing- ton and British Columbia. By Richard Rathbun	251-350 ✓
Descriptions of new Genera and Species of Fishes from Porto Rico. By B. W. Evermann and M. C. Marsh	351-362 ✓
Descriptions of two new Species of Darters from Lake Maxinkuckee, Indiana. By B. W. Evermann	363-367 ✓
The Sturgeon Fishery of Delaware River and Bay. By John N. Cobb.....	369-380 ✓
	III

LIST OF ILLUSTRATIONS.

	Page.
PLATE I. Spearfish Station, S. Dak., showing Hatchery, Ice-house, and Rearing-ponds..	VII
II. Nashua Station, N. H., Reservoir, Hatchery, Workshop, and Ice-house.....	XII
III. Nashua Station, N. H., Rearing-ponds.....	XIV
IV. Nashua Station, N. H., Exterior and Interior Views of Hatcheries.....	XX
V. Spearfish Station, S. Dak., Hatchery Interior.....	XXVI
VI. Edenton Station, N. C., Hatchery and Boiler-house.....	XXX,
VII. Wytheville Station, Va., Hatchery and Residence	XXXIV
VIII. Bozeman Station, Mont., from the mountain looking west.....	XXXVI
IX. Erwin Station, Tenn., Pond System and Hatchery	XXXVIII
X. Erwin Station, Tenn., Foreman's Cottage.....	XLII
XI. Wytheville Station, Va., new Rearing-ponds.....	XLVI
XII. Wytheville Station, Va., Spawning-ponds, showing Raceway	LXVI
XIII. Put-in-Bay Station, Views showing new and old Hatchling-Jars and arrangements for Pike-perch Eggs before they are placed in Hatchling-jars.....	LXX
XIV. Harbor at Monroe Piers, Mich., showing U. S. Fish Commission Building.....	LXXIV
XV. Circular Pond at San Marcos Station, Texas.....	LXXXIV
XVI. Seining Fish at San Marcos Station.....	LXXXVI
XVII. Views at San Marcos Station	LXXXVIII
XVIII. Bozeman Station, Mont., Hatchery Building	XC
XIX. Bozeman Station, Mont., showing Stable and new Wagon-shed.....	XCII
XX. Little White Salmon Station.—(1) Salmon-pens and Retaining-racks. (2) Carrying Eggs from Spawning-grounds to Hatchery.....	XCIV
XXI. Little White Salmon Station.—(1) taking Salmon Eggs. (2) Stripping large Salmon.....	XCIV
XXII. Development of Salmon Eggs from 2 days old to 30 days, at 54° F	XCVI
XXIII. Nashua Station, N. H	C
XXIV. Erwin Station, Tenn	C
XXV. Manchester Station, Iowa	C
XXVI. San Marcos Station, Tex.....	C
XXVII. Spearfish Station, S. Dak.....	C
XXVIII. Bozeman Station, Mont.....	C
XXIX. Woods Hole, Mass.—Laboratory, Hatchery, Aquarium, Museum, and Residence	CXVIII
 PLATE I. 1. Fish-boats and Homes of Fishermen at Mayaguez, Porto Rico.....	8
2. Fish-peddlers at Porto Real. Fishing-boat at Mayaguez.....	14
3. Natives with Hoop-net, Bayamon River.....	20
4. Fishing-pot and Fishermen with their Families, Arroyo. Fishermen's Homes and Fish-nets at Palo Seco, near mouth of Bayamon River.....	24
5. Fishermen at Aguadilla. Schooner Francisca and wicker Fishing-pots.....	28
6. Fishermen's Homes, Punta Santiago. Fishing-boats and Fishermen's Homes, Punta Santiago	34
7. Map of Great Salt Lake.....	240
8. Dip-net Fishing by Indians on Fraser River.....	253
9. Sketch map showing approximate route of Sock-eye Salmon in approaching Fraser and Skagit rivers from Strait of Juan de Fuca.....	264
10. Cannery Point, Point Roberts, showing Cannery Establishment and string of three Trap-nets	292
11. Removing Salmon from Trap-net, off Cannery Point, to show heavy construction of Crib in the large Traps.....	296
12. Salmon Traps in vicinity of Village Point, Lummi Island.....	298

LIST OF ILLUSTRATIONS.

	Page.
PLATE 13. Trap-nets and Trap-net Locations at Point Roberts.....	302
14. Trap-net at Hunot Point, Skagit Bay, Washington.....	304
15. Trap-net at Demock Point, Skagit Bay, Washington.....	304
16. Crib of Trap-net at Demock Point, Skagit Bay, Washington	304
17. <i>Etheostoma aubeenaebei</i> . <i>Hadropterus maxinkuckensis</i>	363
18. <i>Acipenser sturio</i> . Common Sturgeon.....	369
19. Carcasses of Sturgeon ready for shipment. Landing a Sturgeon on the Wharf at Bay-side, N. J.....	372
20. Skinning a Sturgeon. Separating the Eggs of the Sturgeon from the Membrane.....	376
21. Cutting out the Roe of a Sturgeon. The Refuse of the Sturgeon.....	380

TEXT CUTS.

White-fish Hatching-jar, designed by J. J. Stranahan	LXXV
New Hatchery at Northville Station, 1889.....	LXXVIII
U. S. Fish Commission Building, Monroe Piers, Mich.....	LXXX
Rake for drawing Aquatic Moss and Plants to Pond Banks	LXXXVII
Rake for taking Aquatic Plants from Ponds.....	LXXXVIII
Bamboo Fish-pot or Trap in general use in Porto Rico.....	25
Scow Boat used in Sturgeon Fishing	374
Transporting Vessel used in Sturgeon Fishing.....	375