

CONTENTS.

	Page.
Report of the Commissioner	1-16
Report upon the Inquiry respecting Food-fishes and the Fishing- grounds. By Richard Rathbun	17-51
Report of the Division of Statistics and Methods of the Fisheries. By Hugh M. Smith	52-77
Report on the Propagation and Distribution of Food-fishes. By S. G. Worth	78-138

APPENDICES.

Fisheries of the Pacific Coast. By William A. Wilcox	139-304
Report upon the Work of the United States Fish Commission steamer <i>Albatross</i> . By Z. L. Tanner, Commander, United States Navy.	305-341
Report upon Ichthyological Investigations in western Minnesota and east- ern North Dakota. By Albert J. Woolman	343-373
The Food of the Oyster, Clam, and Ribbed Mussel. By John P. Lotsy, Ph. D.	375-386
Establishment of Stations for the Propagation of Salmon on the Pacific Coast. By John J. Brice, Commander, United States Navy.	387-392
The Ichthyological Collections of the steamer <i>Albatross</i> during the years 1890 and 1891. By Charles H. Gilbert	393-476

LIST OF ILLUSTRATIONS.

	Page.
Plate 1. Salmon Gill-net Boats waiting for change of Tide, mouth of Columbia River.....	139
2. Cod-fishing Station, Pirate Cove, Shumagin Islands, Alaska.....	147
3. Cod-curing Station, Pescada Landing, California.....	199
4. Shooting a Bomb-lance into a Whale.....	205
5. Scow Fish-wheel, Columbia River.....	213
6. Stationary Fish-wheel, Columbia River.....	243
7. Fresh-water Terrapin (<i>Chelopus marmoratus</i>).....	304
8. Bowhead or Arctic Whale. California Smelt. Sacramento Perch.....	304
9. Black-banded Rockfish. Corsair. Treefish.....	304
10. Halibut. California Flounder. Surf Smelt.....	304
11. Cod. Cultus-cod. Black Cod or Beshowe. California Herring.....	304
12. Chinook, King, or Quinnot Salmon. Blueback or Red Salmon. Silver Salmon. Dog Salmon.....	304
13. Steelhead. Bull's-eye, or Chub Mackerel. Yellow-tail, or Amber-fish.....	304
14. Terrapin Net, Sacramento River.....	304
15. Tanner Improved Dredging Quadrant.....	311
16. Deviation Card. East of St. Paul, Kadiak Island.....	317
17. Deviation Card. Off Port Townsend, Wash.....	317
18. Deviation Card. Off Santa Cruz, California.....	317
19. Map showing the Minnesota Valley at the Summit.....	343
20. <i>Raja abyssicola</i> sp. nov.....	395
21. <i>Raja aleutica</i> sp. nov.....	398
22. <i>Sebastodes alutus</i> (Gilbert).....	408
23. <i>Sebastolobus altivelis</i> sp. nov.....	410
24. <i>Icelus spiniger</i> sp. nov. <i>Icelus canaliculatus</i> sp. nov.....	412
25. <i>Icelinus borealis</i> sp. nov.....	416
26. <i>Acanthocottus profundorum</i> sp. nov. <i>Acanthocottus laticeps</i> sp. nov.....	422
27. <i>Acanthocottus laticeps</i> sp. nov.....	424
28. <i>Triglops beani</i> sp. nov. <i>Triglops scepticus</i> sp. nov.....	426
29. <i>Raja xenostethus</i> , lateral and ventral views.....	428
30. <i>Elanura forficata</i> sp. nov. <i>Pariecinus thoburni</i> sp. nov. <i>Odontopyxis frenatus</i> sp. nov.....	432
31. <i>Lethotremus muticus</i> sp. nov.....	448
32. <i>Leptoblennius mackayi</i> sp. nov. <i>Lycodopsis erotulinus</i> Gilbert. <i>Lycodapus fier-</i> <i>asfer</i> Gilbert.....	450
33. <i>Limanda proboscidea</i> sp. nov.....	490
34. <i>Leuroglossus stilbius</i> Gilbert. <i>Paraliparis dactylosus</i> sp. nov. <i>Lycomeles aleuten-</i> <i>sis</i> Gilbert.....	498
35. <i>Lycinema barbatum</i> sp. nov. <i>Lycodopsis dermatinus</i> sp. nov. <i>Melanostigma pam-</i> <i>nelus</i>	472