

C O N T E N T S

REPORT OF THE COMMISSIONER.

	Page.
PRELIMINARIES TO THE OFFICIAL INQUIRY ON THE PART OF THE UNITED STATES	VII
General considerations as to value of fisheries to a nation	VII
Alleged decrease of fisheries on the south side of New England	VII
Official inquiries into the subject—	VII
By Massachusetts	VIII
By Rhode Island	VIII
By Connecticut	IX
By the United States	XI
Passage of the bill directing an inquiry	XI
Selection of Wood's Hole, Massachusetts, as a base for the sea-coast operations	XII
Concurrent action on the lakes	XII
Aid rendered by the departments of the Government	XII
CHARACTER AND PROGRESS OF THE INVESTIGATION	XIII
Plan of research adopted	XIII
Systematic arrangement of subjects for investigation	XIII
In regard to the fishes themselves	XIII
In regard to their food	XIII
Physical condition of the waters	XIII
Locality selected as center of research	XIV
Associates in the inquiry	XV
Taking of testimony	XIV
Collection of specimens	XV
For the National Museum	XV
For distribution to other establishments, as colleges, academies, museums, &c	XV
Facilities given to officers of colleges and museums for making collections	XV
Photographic pictures of fishes, &c	XV
Scientific visitors to Wood's Hole during the season	XV
Objects secured of special interest	XVI
Conference with State commissioners in Boston	XVI

	Page.
Corresponding researches of associates—	
By J. W. Milner, on the great lakes.....	XVII
By Dr. H. C. Yarrow, on the Carolina coast.....	XVII
Second visit to south coast of New England in 1872.....	XXXVI
GENERAL RESULTS OF THE INVESTIGATION.....	XVII
Recapitulation of objects of the inquiry	XVII
Decrease of food-fishes	XVIII
Substantiated by testimony	XVIII
Established by the investigation	XVIII
Supply of fish in the sea not inexhaustible	XIX
Injurious effect of the decrease.....	XX
Causes of the decrease, alleged or actual	XX
1. Disappearance of the food of fishes.....	XXI
2. Change in locality of the fishes themselves	XXI
3. Disease and atmospheric agencies.....	XXII
4. Ravages of predaceous fishes.....	XXII
5. Human agencies.....	XXIII
Pollution of water.....	XXIII
Over-fishing	XXIV
By fixed apparatus	XXIV
Location of such apparatus in Massachusetts and Rhode Island.....	XXV
By nets and lines.....	XXVI
6. Combination of human and other agencies, especially blue-fish	XXVII
Extent of agency of blue-fish.....	XXVII
Their diminution not desirable.....	XXVII
Their abundance dependent on that of other fish.....	XXVII
MEASURES SUGGESTED FOR RELIEF.....	XXVIII
Regulation of use of fixed nets	XXVIII
Action by the States.....	XXIX
Bill proposed for the purpose.....	XXIX
Arguments in its favor.....	XXIX
Absolute prohibition by the United States the alternative of want of action by the States	XXX
Anticipation of improvement.....	XXXVI
RESULT OF INQUIRIES IN 1872	XXXVI
GENERAL SUMMARY OF RESULTS	XXXVIII
CONCLUSION	XL

ACCOMPANYING PAPERS.

For a list of these, see the end of the volume.