

**9.—FOUR TABLES SHOWING THE AMOUNT OF PUBLIC MONEY APPROPRIATED FOR CARRYING ON THE UNITED STATES COMMISSION OF FISH AND FISHERIES AND THE VARIOUS STATE COMMISSIONS FROM 1865 TO 1882, INCLUSIVE.**

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The tables which are presented herewith were originally designed in 1880, being brought down to that date and exhibited at the Berlin Exhibition. They have now been completed for the use of the London Exhibition. The data have been derived from the records of the United States Fish Commission and from correspondence held with the secretaries of state and the fish commissioners of the various States of the Union. The tables may consequently be regarded as very accurate.

**TABLE I.—Appropriations for the United States Fish Commission work, 1871-'83.**

Fiscal year.	Inquiry.	Illustration.	Propagation.	Hatcheries and ponds.	Steam vessels.	Railroad car.	Rent.	Total.
1871-'72	{ \$5,000 *3,500 }							\$8,500 00
1872-'73	5,000	\$500	{ \$15,000 *10,000 17,500 }					30,000 00
1873-'74	5,000	1,000	{ *15,000 17,500 }					38,500 00
1874-'75	5,000	1,000	{ 17,500 47,500 }					23,500 00
1875-'76	5,000	1,000	{ 17,500 30,000 *045 }					71,000 00
1876-'77	5,000	1,000	{ 50,000 *17,500 20,000 50,000 }	\$2,200 00				36,045 00
1877-'78		1,000	{ 75,000 15,000 }	5,000 00				70,700 00
1878-'79		1,000	{ 50,000 75,000 15,000 }	5,000 00	{ \$45,000 12,500 }			76,000 00
1879-'80	3,500	1,000	{ 5,000 00 12,000 00 }	5,000 00	{ 15,000 15,000 }			157,000 00
1880-'81	3,500	1,000	{ 5,000 00 10,000 00 *5,001 45 }	5,000 00	{ 115,709 *42,000 }		\$1,500	121,500 00
1881-'82	3,500	1,000	{ 85,000 115,000 }	30,000 00	{ 25,000 45,000 }	\$8,000	1,500	328,710 45
1882-'83	3,500	1,000	115,000	30,000 00	{ 25,000 45,000 }	\$8,000	1,500	229,000 00
Total ..	47,500	10,500	727,545	79,201 45	815,209	8,000	3,000	1,190,955 45

\* Deficiency appropriation.

1879-'80. Appropriation for the International Fishery Exhibition in Berlin, \$20,000.

1882-'83. Appropriation for the International Fishery Exhibition in London, \$59,000.

The State appropriations are put down under the years in which they were made, which usually are the years preceding the expenditure. This explains why the following tables close with 1882.

TABLE II.—Appropriations for the work of State Fish Commissions, arranged in alphabetical order.

	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	Total.
Alabama.....							—*	—	—	—	—	—	—	—	—	—	—	—	—
Arizona.....																	\$250	\$250	\$500
Arkansas.....																			
California.....						\$2,500	\$2,500	\$2,000	\$2,500	\$2,500	\$5,000	\$5,009	\$5,000	\$5,000	\$5,000	\$5,000	5,000	5,000	52,000
Colorado.....													200	200	1,000	1,000	6,000	3,250	11,650
Connecticut.....		—	—	\$4,000	\$4,000	\$3,000	\$3,000	\$3,000	5,000	5,000	5,000	3,000	1,800	1,000	3,000	2,500	5,000	5,000	53,300
Delaware.....																150	150	300	
Georgia.....												500	500	500	500	500	500	500	3,500
Illinois.....																2,000	1,000	2,500	5,500
Indiana.....																	1,000	1,000	2,000
Iowa.....										1,500	1,500	4,375	5,575	4,200	4,200	3,700	3,700	3,700	32,450
Kansas.....													500	500	500	500	500	1,000	3,000
Kentucky.....												1,500	1,500	1,500	1,500	2,500	2,500	2,500	13,500
Maine.....																6,075	5,000	5,000	46,975
Maryland.....			1,000	1,000	3,000	2,000	2,000	2,500	3,500	4,500	1,500	2,500	3,700	3,700	13,000	11,500	10,000	10,000	96,500
Massachusetts.....	—	\$7,000	10,000	12,000	2,500	4,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	95,500
Michigan.....									7,500	7,500	7,500	7,000	7,000	7,000	7,000	5,000	8,000	7,500	68,500
Minnesota.....										500	1,000	1,000	5,000	5,000	5,000	5,000	5,000	5,000	32,500
Missouri.....													500	500	3,000	3,000	3,500	3,500	14,000
Nebraska.....															500	500	3,700	3,700	8,400
Nevada.....													500	500	2,000	2,000	1,000	1,000	7,000
New Hampshire.....		100	1,000	2,071	1,429	1,231	1,864	1,300	2,443	1,950	1,990	776	1,528	3,204	2,077	2,000	2,000	.....	26,463
New Jersey.....								1,500	1,500	2,000	3,000	2,500	5,000	4,000	5,000	5,000	4,000	.....	33,500
New York.....				1,000	10,000	10,000	15,000	15,000	15,000	10,000	29,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	210,000
North Carolina.....																	3,214	8,012	11,226
Ohio.....									500	500	5,000	5,000	4,000	5,000	—	9,000	5,000	5,000	39,000
Oregon.....																			.....
Pennsylvania.....									18,080	18,080	5,470	15,000	8,000	10,000	15,000	10,000	7,500	7,500	114,630
Rhode Island.....																1,000	1,000	.....	11,500
South Carolina.....					1,000	2,500	1,500	1,500	1,500	1,500	1,000	500	—	—	—	800	3,156	2,286	6,242
Tennessee.....																			.....
Texas.....																		5,000	5,000
Utah.....																		850	850
Vermont.....	—	—	106	100	231	680	321	415	531	1,335	775	761	545	1,000	1,000	1,000	1,000	1,000	10,800
Virginia.....											2,500	2,500	2,500	2,500	4,000	2,500	2,500	2,500	21,500
Washington.....																			.....
West Virginia.....													1,500	1,500	1,600	1,000	2,000	500	8,100
Wisconsin.....									500	360	2,000	10,000	8,000	8,000	8,000	2,000	7,000	7,000	52,860
Wyoming.....																800	800	750	2,350
Total.....		7,100	12,106	20,171	21,160	24,411	31,685	32,215	63,554	68,725	83,235	94,912	95,848	97,804	101,677	105,075	120,470	120,948	1,101,096

NOTE.—The following States and Territories have not as yet appointed Fish Commissioners: Dakota, Florida, Idaho, Louisiana, Mississippi, Montana, New Mexico.  
\* The dash is used in the above columns to denote the existence of a commission, but without appropriations.

TABLE III.—Appropriations for the work of the State Fish Commissions, arranged in the order of their organization.

No.	State.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	Total.
1	Massachusetts	—	\$7,000	\$10,000	\$12,000	\$2,500	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$95,500
2	Vermont	—	—	106	100	231	680	321	415	531	1,335	775	761	545	1,000	1,000	1,000	1,000	1,000	10,800
3	Connecticut	—	—	—	4,000	4,000	3,000	3,000	3,000	5,000	5,000	5,000	3,000	1,800	1,000	3,000	2,500	5,000	5,000	53,360
4	New Hampshire	—	100	1,000	2,071	1,429	1,231	1,364	1,300	2,443	1,950	1,990	776	1,528	3,204	2,077	2,000	2,000	—	26,463
5	Pennsylvania	—	—	—	—	—	—	—	—	18,080	18,080	5,470	15,000	8,000	10,000	15,000	10,000	7,500	7,500	114,630
6	Maine	—	—	1,000	1,000	3,000	2,000	2,000	2,500	3,500	4,500	1,500	2,500	3,700	3,700	—	6,075	5,000	5,000	46,975
7	New York	—	—	—	1,000	10,000	10,000	15,000	15,000	15,000	10,000	29,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	210,000
8	Rhode Island	—	—	—	—	—	1,000	2,500	1,500	1,500	1,500	1,000	500	—	—	—	1,000	1,000	—	11,500
9	California	—	—	—	—	—	2,500	2,500	2,000	2,500	2,500	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	52,000
10	New Jersey	—	—	—	—	—	1,500	1,500	1,500	2,000	3,000	2,500	2,500	5,000	4,000	5,000	5,000	4,000	—	33,500
11	Alabama	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	Utah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	850	850
13	Michigan	—	—	—	—	—	—	—	—	7,500	7,500	7,000	7,000	7,000	7,000	5,000	5,000	8,000	7,500	68,500
14	Ohio	—	—	—	—	—	—	—	—	500	500	5,000	5,000	4,000	5,000	—	9,000	5,000	5,000	39,000
15	Wisconsin	—	—	—	—	—	—	—	—	500	360	2,000	10,000	8,000	8,000	8,000	2,000	7,000	7,000	52,860
16	Iowa	—	—	—	—	—	—	—	—	1,500	1,500	4,375	5,575	4,200	4,200	3,700	3,700	3,700	3,700	32,450
17	Maryland	—	—	—	—	—	—	—	—	6,500	6,500	13,000	13,000	13,000	13,000	13,000	11,500	10,000	10,000	96,500
18	Minnesota	—	—	—	—	—	—	—	—	500	1,000	1,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	32,500
19	Virginia	—	—	—	—	—	—	—	—	—	—	2,500	2,500	2,500	2,500	4,000	2,500	2,500	2,500	21,500
20	Illinois	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,000	1,000	2,500	5,500
21	Arkansas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	Georgia	—	—	—	—	—	—	—	—	—	—	—	500	500	500	500	500	500	500	3,500
23	Kentucky	—	—	—	—	—	—	—	—	—	—	—	1,500	1,500	1,500	1,500	2,500	2,500	2,500	13,500
24	Colorado	—	—	—	—	—	—	—	—	—	—	—	—	200	200	1,000	1,000	6,000	3,250	11,650
25	Kansas	—	—	—	—	—	—	—	—	—	—	—	—	500	500	500	500	—	1,000	3,000
26	Missouri	—	—	—	—	—	—	—	—	—	—	—	—	500	500	3,000	3,000	3,500	3,500	14,000
27	Nevada	—	—	—	—	—	—	—	—	—	—	—	—	500	500	2,000	1,000	1,000	7,000	7,000
28	North Carolina	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3,214	8,012	11,226
29	Tennessee	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	Washington	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	West Virginia	—	—	—	—	—	—	—	—	—	—	—	—	1,500	1,500	1,600	1,000	2,000	500	8,100
32	South Carolina	—	—	—	—	—	—	—	—	—	—	—	—	—	—	800	—	3,156	2,286	6,242
33	Nebraska	—	—	—	—	—	—	—	—	—	—	—	—	—	—	500	3,700	3,700	3,700	8,400
34	Wyoming	—	—	—	—	—	—	—	—	—	—	—	—	—	—	800	800	750	750	2,350
35	Texas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5,000	5,000
36	Oregon	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Arizona	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	250	250	500
38	Delaware	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	150	150	300
39	Indiana	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,000	1,000	2,000
	Total	—	7,100	12,106	20,171	21,160	24,411	31,685	32,215	63,554	68,725	83,235	94,912	95,848	97,804	101,677	105,075	120,470	120,948	1,101,096

As is shown, the total amount of money appropriated by the United States Government thus far for the service of the United States Commission is \$1,190,955.45, and the total amount appropriated for the service of the various State Commissions is \$1,110,096, making a total, to the close of the year 1882, of \$2,292,051.45. If this sum should seem large to any one when examining the actual fruits of fish-culture, it is to be remembered that a large per cent. of it represents permanent investments in the way of hatching-houses, apparatus, ponds, &c., and, in the case of the United States Commission, of three steamers—the "Lookout," "Fish Hawk," and "Albatross"—all of which investments, being of a permanent nature, will not need to be renewed, to any considerable extent, during the next decade. However the money may have been expended, one thing will be made very apparent by an examination of Table IV, viz, that an exceedingly small proportion of it has been paid out in salaries, the United States Commissioner and nearly all of the State Commissioners having served from the beginning without remuneration.

TABLE IV.—*Salaries of Commissioners and Superintendents of State Fish Commissions.*

State.	Number of Commissioners.	Salary of Commissioners.	Salary of Superintendents.
Alabama.....	2	None.....	
Arizona.....	3	None.....	
Arkansas.....	3	None.....	
California.....	3	None.....	\$150 per month.
Colorado.....	1	None.....	\$900 per annum.
Connecticut.....	3	\$3 per day when at work.....	
Delaware.....	1	None.....	
Georgia.....	1	None.....	
Illinois.....	3	None.....	
Indiana.....	1	None.....	
Iowa.....	1	Commissioner, \$1,200; assistant, \$600 per year.....	
Kansas.....	1	\$3 per day for 50 days.....	
Kentucky.....	10	None.....	\$900 per year.
Maine.....	3	Two, \$500 each and expenses.....	
Maryland.....	2	\$1,500 each.....	
Massachusetts.....	3	One at \$150 per month.....	
Michigan.....	3	None.....	\$1,200 per annum.
Minnesota.....	3	None.....	\$2,000 per annum.
Missouri.....	3	None.....	\$75 per month; also a secretary, at \$500 per annum
Nebraska.....	3	None.....	\$600 per annum.
Nevada.....	1	None.....	
New Hampshire.....	3	\$3 per diem when at work.....	
New Jersey.....	3	None.....	
New York.....	4	None.....	\$3,000 per annum.
North Carolina.....	1	\$1,500 per annum; assistant, \$720.....	
Ohio.....	3	None.....	\$1,200 and \$800 per year.
Oregon.....	1	None.....	
Pennsylvania.....	6	None.....	\$900 and \$800 per annum.
Rhode Island.....	3	None.....	
South Carolina.....	1	None.....	\$720 per annum.
Tennessee.....	3	None.....	
Texas.....	1	\$1,500 per annum.....	
Utah.....	1	None.....	
Vermont.....	2	None.....	
Virginia.....	1	None.....	
Washington.....	1	None.....	
West Virginia.....	3	None.....	
Wisconsin.....	0	None.....	
Wyoming.....	1	None.....	