



# Smithsonian Institution Archives

## Records, circa 1877-1948

Finding aid prepared by Smithsonian Institution Archives

Smithsonian Institution Archives  
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## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	Records
<b>Identifier:</b>	Record Unit 7184
<b>Date:</b>	circa 1877-1948
<b>Extent:</b>	14.73 cu. ft. (7 record storage boxes) (1 document box) (3 12x17 boxes) (10 tall document boxes) (7 microfilm reels)
<b>Creator::</b>	U.S. Fish and Wildlife Service
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Record Unit 7184, Records

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## Historical Note

In the early 1870's, a fierce debate raged within the fishing industry of New England concerning the supply of food fishes in coastal waters. The use of efficient traps for the large-scale capture of fish was blamed for an alarming decline in the catch, especially by those who depended on traditional fishing methods. In some states, the controversy was carried to the legislature but, though endlessly debated, little action was taken.

The dispute soon caught the attention of Spencer Fullerton Baird, Assistant Secretary of the Smithsonian Institution. Baird had already begun to nurture a growing interest in the rapidly expanding field of marine biology by summer field trips to Wood's Hole, Massachusetts, when the fisheries controversy arose. The debate provided Baird with an opportunity to show that science could make a real contribution to the solution of a problem of economic importance as well as to generate an immense amount of basic scientific data on marine life.

Authorization and appropriations for the United States Commission of Fish and Fisheries were passed by Congress in 1871 and Baird was appointed the first Commissioner. The congressional mandate was broader than Baird had originally sought. The Commission was not limited to investigations on the New England coast and no time limit was placed on its existence. This lack of specificity greatly aided the Commission's later expansion.

For the first nine years of the Commission's existence, it relied on other executive agencies, particularly the Revenue Service and the Navy for vessels with which to conduct dredging and cruising operations. In 1880, construction was completed on the first Commission vessel, the *Fish Hawk*, and in 1883, the *Albatross* began operations. Most of the *Fish Hawk's* operations were on the Atlantic and Gulf of

Mexico coasts, while the *Albatross* ranged as far as the Pacific coast, Bering Sea, and Japan. Other Fish Commission vessels included the *Grampus*, *Halcyon*, *Danglade*, and *Yvonne*.

The original duties of the Commission were eventually extended to include fish culture, further studies of fisheries and fishery industries, and studies in fresh-water and marine biology. The Commission became part of the Department of Commerce and Labor in 1903 and its name was changed to the Bureau of Fisheries. In 1939, the Bureau was transferred to the Department of the Interior, and in 1940 was merged with the Bureau of Biological Survey to form the Fish and Wildlife Service.

The U. S. Fish Commission and its successors have always maintained close ties with the Smithsonian and the United States National Museum. Baird was Assistant Secretary and Secretary of the Smithsonian while serving as Commissioner of Fish and Fisheries, and often assigned Smithsonian people to Fish Commission duties. In a number of cases, there was considerable overlap between Commission and Smithsonian work. A number of Commission staff, including Tarleton Hoffman Bean and Barton Warren Evermann, served as honorary curators for the Museum's Division of Fishes. The Museum has also served as depository for specimens collected by the Fish Commission and its successors.

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## Descriptive Entry

These papers include original logbooks for the Fish Commission vessels *Albatross*, *Fish Hawk*, *Grampus*, *Halcyon*, *Yvonne*, and *Danglade* containing hydrographic and dredging data; transcribed records of some of that data; accession records, transmittal records, lists, and correspondence concerning specimens taken by the Commission; material concerning expositions in which the Commission participated; material concerning the scientific work of the Commission; material on oyster surveys conducted by the Commission; records relating to the distribution of fishes carried out as part of the Commission's fish propagation work; and microfilm copies of some logbooks, tag records, and catalogues.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Dredging
- Hydrographic surveying
- Hydrography
- Ichthyology
- Invertebrate zoology

Types of Materials:

- Manuscripts
- Microfilms

Names:

- Albatross (Steamer)
- Baird, Spencer Fullerton, 1823-1887
- Bean, Tarleton H. (Tarleton Hoffman), 1846-1916
- Danglade (Vessel)
- Evermann, Barton Warren, 1853-1932
- Fish Hawk (Schooner)

Grampus (Schooner)  
Halcyon (Motor launch)  
United States Fish Commission  
United States National Museum  
United States. Bureau of Biological Survey  
United States. Bureau of Fisheries  
United States. Department of Commerce. Bureau of Fisheries  
United States. Department of Interior. Bureau of Fisheries  
Yvonne (Vessel)

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## Container Listing

### Series 1: ORIGINAL LOGBOOKS FOR BUREAU OF FISHERIES VESSELS, CIRCA 1877-1925. (SEE ALSO SERIES 9).

These logbooks were kept for the Bureau vessels *Albatross*, *Fish Hawk*, *Grampus*, *Halcyon*, *Danglade*, and *Yvonne*, and for the apparently non-Bureau vessels *Halcyon* (Lookout) and Edwin C. Doliver. The books are arranged in the order listed above and by station number thereunder.

#### Box 1

Box 1 of 21                      Folders 1-14 Original logbooks of the *Albatross* covering station numbers D2311-D2858 and H562-H1480; covering the period January 5, 1885-August 27, 1888. Data recorded include station number, date, machine, turns, correction, depth, shot or lead, bottom, bottom temperature, number of thermometer, correction, corrected temperature, air temperature, surface temperature, drift, trawl or dredge, sounding wire readings, dredge rope readings, serial temperatures, and general remarks.

#### Box 2

Box 2 of 21                      Folders 1-14 Original logbooks of the *Albatross* covering station numbers D2859-D3302 and H1481-H2445; covering the period August 27, 1888-July 21, 1890. Data recorded is of same type as that in logbooks listed above.

#### Box 3

Box 3 of 21                      Folders 1-6 Original logbooks of the *Albatross* covering station numbers D3303-D3476 and H2446-H2751; covering the period July 21, 1890-April 18, 1892. Data recorded is of same type as that in logbooks listed above.

#### Box 4

Box 4 of 21                      Folders 1-31 Original logbooks of the *Albatross* covering station numbers D3477-D3694 and H3182-H4011, as well as AA1-AA249 and cable survey #98-cable survey #535; covering the period October 18, 1891-February 21, 1900. Data recorded is of same type as that in logbooks listed above.

[Digital Content: Folder 8 - Original logbook of the Albatross cable survey covering Hyd number 3133-3181 and no. 487 to 535 survey, recorded 27 December 1891 to 14 January 1892.](#)

[Digital Content: Folder 6 - Original logbook of the Albatross cable survey covering Hyd number 3033-3082 and no. 387 to 486 survey, recorded 14 to 22 December 1891.](#)

[Digital Content: Folder 7 - Original logbook of the Albatross cable survey covering Hyd number 3083-3132 and no. 437 to 486 survey, recorded 22 to 27 December 1891.](#)

[Digital Content: Folder 9 - Original logbook of the Albatross, Hyd 3215a - 3239, recorded 18 April to 31 May 1892.](#)

Box 5

Box 5 of 21 Folders 1-28 Original logbooks of the *Albatross* covering station numbers D3695-D4245 and H4012-H4762; covering the period May 4, 1900-July 11, 1903. Data taken from surveys done in Japanese, Alaskan, Hawaiian waters. Data recorded is of same type as that in logbooks listed above.

Box 6

Box 6 of 21 Folders 1-33 Original logbooks of the *Albatross* covering station numbers D4246-D5303 and H4763-H4914; covering the period July 11, 1903-August 9, 1908. Data recorded is of same type as that in logbooks listed above.

Box 7

Box 7 of 21 Folders 1-29 Original logbooks of the *Albatross* covering station numbers D5304-D5849 and H4923-H5660; covering the period August 9, 1908-August 31, 1914. Data recorded is of same type as that in logbooks listed above.

Box 8

Box 8 of 21 Folders 1-30 Original logbooks of the *Albatross* covering station numbers H5661-H6934; covering the period August 31, 1914-August 22, 1916. Data recorded is of same type as that in logbooks listed above.

Box 9

Box 9 of 21 Folders 1-23 Original logbooks of the *Albatross* covering station numbers H6935-H7793 and C20001-C20130; covering the period August 22, 1916-May 19, 1920. Data recorded is of same type as that in logbooks listed above.

Box 9 of 21 Folders 24-30 Original logbooks of the *Fish Hawk* covering station numbers 770-1073; covering the period August 6, 1880-March 11, 1882. Data recorded include instrument used; number of observation; date; locality; bearings; time of day; time of tide; state of sky; temperatures of air, water surface, bottom; depth; nature of bottom; wind direction and force; commanding officer; observer; and general remarks concerning catch of fish and other marine life.

Box 10

Box 10 of 21

Folders 1-31 Original logbooks of *Fish Hawk* covering station numbers 814-7545; covering the period August 18, 1880-August 11, 1903. Data recorded is of same type as that listed above.

Digital Content: Folder 10 - Original logbook of the Fish Hawk, 2 to 26 August 1882, station record numbers 1078 to 1121.

Digital Content: Folder 13 - Original logbook of the Fish Hawk, 26 August to 4 October 1882, station record numbers 1123 to 1155.

Digital Content: Folder 14 - Original logbook of the Fish Hawk, 23 August 1883 to 4 September 1886, station record numbers 1156 to 1196.

Box 11

Box 11 of 21

Folders 1-29 Original logbooks of the *Fish Hawk* covering station numbers 7595-8449; covering the period September 1, 1903-January 28, 1916. Data recorded is of same type as that listed above.

Digital Content: Folder 6 - Original logbook of the Fish Hawk covers September 1, 1903 - July 29, 1904, station record numbers 7595 to 7627, 7521a to 7547a.

Digital Content: Folder 8 - Original logbook of the Fish Hawk covers July 29 - August 17, 1904, station record numbers 7628 to 7675.

Digital Content: Folder 9 - Original logbook of the Fish Hawk covers July 17 - August 4, 1905, station record numbers 7676 to 7723.

Digital Content: Folder 10 - Original logbook of the Fish Hawk covers August 8 - 22, 1905, station record numbers 7724 to 7766.

Digital Content: Folder 11 - Original logbook of the Fish Hawk covers August 23 - 26, 1905, station record numbers 7767 to 7783.

Digital Content: Folder 12 - Original logbook of the Fish Hawk covers August 28, 1905, station record numbers 7784 to 7786.

Digital Content: Folder 13 - Original logbook of the Fish Hawk covers June 22 -25, 1913, station record numbers 7900 to 7922.

Digital Content: Folder 15 - Original logbook of the Fish Hawk covers August 25 - September 22, 1913, station record numbers 7928 to 7977.

Digital Content: Folder 16 - Original logbook of the Fish Hawk covers September 23 - October 18, 1913, station record numbers 7978 to 7999.

Digital Content: Folder 18 - Original logbook of the Fish Hawk covers September 7 - October 18, 1913, station record numbers 7955 to 7999.

Digital Content: Folder 19 - Original logbook of the Fish Hawk covers January 15 - February 18, 1914, station record numbers 8000 to 8047.

Digital Content: Folder 20 - Original logbook of the Fish Hawk covers January 15 - February 18, 1914, station record numbers 8000 to 8047.

Digital Content: Folder 22 - Original logbook of the Fish Hawk covers February 18 - March 24, 1914, station record numbers 8048 to 8097.

Digital Content: Folder 24 - Original logbook of the Fish Hawk covers March 24 - May 2, 1914, station record numbers 8126 to 8145.

Digital Content: Folder 25 - Original logbook of the Fish Hawk covers August 1 - September 2, 1914, station record numbers 8197 to 8245.

Digital Content: Folder 26 - Original logbook of the Fish Hawk covers September 2, 1914 - July 28, 1915, station record numbers 8246 to 8296.



Digital Content: Folder 27 - Original logbook of the Fish Hawk covers July 28 - October 25, 1915, station record numbers 8297 to 8349.

Digital Content: Folder 28 - Original logbook of the Fish Hawk covers October 25 to December 9, 1915, station record numbers 8350 to 8398.

Digital Content: Folder 29 - Original logbook of the Fish Hawk covers December 10, 1915 to January 28, 1916, station record numbers 8399 to 8449.

- Note:
- Copies of *Fish Hawk* logbooks covering stations 7349-8126; covering the period December 17, 1902-May 2, 1914. Data recorded is of same type as that listed above.

## Box 12

### Box 12 of 21

Folders 1-30 Logbooks of the *Fish Hawk* covering stations 8197-9726; covering the period August 1, 1914-December 19, 1925. Data recorded is of same type as that listed above.

Digital Content: Folder 1 - Original logbook of the Fish Hawk, 1 August to 3 September 1914, station record numbers 8197-8247.

Digital Content: Folder 2 - Original logbook of the Fish Hawk, 3 September 1914 to 29 July 1915, station record numbers 8248-8298.

Digital Content: Folder 3 - Original logbook of the Fish Hawk, 7 July to 25 October 1915, station record numbers 8299-8349.

Digital Content: Folder 4 - Original logbook of the Fish Hawk, 25 October to 9 December 1915, station record numbers 8350-8398.

Digital Content: Folder 5 - Original logbook of the Fish Hawk, 9 December 1915 to 28 January 1916, station record numbers 8399-8449.

Digital Content: Folder 6 - Original logbook of the Fish Hawk, January 1916 to 12 March 1916, station record numbers 8450-8496.

Digital Content: Folder 7 - Original logbook of the Fish Hawk, 28 January 1916 to 12 March 1916, station record numbers 8450-8496.

Digital Content: Folder 8 - Original logbook of the Fish Hawk, 21 April to 25 May 1916, station record numbers 8497-8545.

Digital Content: Folder 9 - Original logbook of the Fish Hawk, 21 April to 25 May 1916, station record numbers 8497-8545.

Digital Content: Folder 10 - Original logbook of the Fish Hawk, 23 May to 25 July 1916, station record numbers 8546-8594.

Digital Content: Folder 11 - Original logbook of the Fish Hawk, 25 May to 25 July 1916, station record numbers 8546-8594.

Digital Content: Folder 12 - Original logbook of the Fish Hawk, 25 July to 1 September 1916, station record numbers 8595-8640.

Digital Content: Folder 13 - Original logbook of the Fish Hawk, 25 July to 1 September 1916, station record numbers 8595-8640.

Digital Content: Folder 14 - Original logbook of the Fish Hawk, 1 September to 17 December 1916, station record numbers 8641-8691.

Digital Content: Folder 15 - Original logbook of the Fish Hawk, 1 September to 17 December 1916, station record numbers 8641-8691.

Digital Content: Folder 16 - Original logbook of the Fish Hawk, 12 November to 23 December 1924, station record numbers 9523 to 9569.

Digital Content: Folder 17 - Original logbook of the Fish Hawk, 23 December 1924 to 10 March 1925, station record numbers 9570 to 9614.

Digital Content: Folder 18 - Original logbook of the Fish Hawk, 12 March to 23 April 1925, station record numbers 9615 to 9665.

Digital Content: Folder 19 - Original logbook of the Fish Hawk, 23 April to 8 August 1925, station record numbers 9666 to 9710.

Digital Content: Folder 20 - Original logbook of the Fish Hawk, 15 December to 19 December 1925, station record numbers 9711 to 9726.

Digital Content: Folder 21 - Original logbook of the Grampus, 15 February to 17 March 1889, station record numbers 5050 to 5098.

Digital Content: Folder 22 - Original logbook of the Grampus, 17 to 27 March 1889, station record numbers 5099 to 5124.

Digital Content: Folder 23 - Original logbook of the Grampus, 21 August to 1 September 1913, station record numbers 10107 to 10156.

Digital Content: Folder 24 - Original logbook of the Grampus, 8 July to 20 August 1913, station record numbers 10057 to 10106.

Digital Content: Folder 25 - Original logbook of the Grampus, 19 July to 28 August 1913, station record numbers 10213 to 10264.

Digital Content: Folder 26 - Original logbook of the Grampus, 4 May to 6 September 1915, station record numbers 10266 to 10314.

Digital Content: Folder 27 - Original logbook of the Grampus, 7 September to 27 October 1915, station record numbers 10315 to 10339.

Digital Content: Folder 28 - Original logbook of the Grampus, 19 July to 21 August 1916, station record numbers 10340 to 10390.

Digital Content: Folder 29 - Original logbook of the Grampus, 19 July to 21 August 1916, station record numbers 10391 to 10439.

Digital Content: Folder 30 - Original logbook of the Grampus, 21 January to 4 April, 1917, station record numbers 10440 to 10467.

- Note:
- Original logbooks of the *Grampus* covering station numbers 5050-10487; covering the period February 15, 1889-April 4, 1917. Data recorded include: station number; date; time; position; locality; depth; bottom; wind direction and force; sea; sky; temperature readings including depth, thermometer number, correction, temperature, corrected temperature; salinity; description of nets; and general remarks.

### Box 13

Box 13 of 21

Logbook of the steamer *Halcyon* (Lookout), March 8, 1877-December 9, 1877. Data recorded is temperature and barometric pressure. No location given. Also log entries from an unidentified vessel, 1878-1879.

[Digital Content: Logbook of the steamer Halcyon \(formerly called the Lookout\), 8 March to 9 December 1877.](#)

Box 13 of 21

Original logbooks of the *Grampus* (logbooks are mislabeled as "*Halcyon*") covering stations 10001-10629; covering the period June 9, 1912-August 29, 1921.

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon" on the cover\), 9 July to 22 August 1912, station record numbers 10001 to 10040.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon" on the cover\), 24 August 1912 to 10 August 1913, station record numbers 10041 to 10089.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon" on the cover\), 10 August 1913 to 9 January 1914, station record numbers 10090 to 10106, 10157, 10213 to 10241.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon"\), 7 August 1913 to 23 June 1915, station record numbers 10242-10293.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon"\), 23 June 1915 to 5 March 1921, station record numbers 10294-10511.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon"\), 10 to 18 August 1921, station record numbers 10512-10562.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon"\), 18 to 28 August 1921, station record numbers 10563-10613.](#)

[Digital Content: Original logbook of the Grampus \(mislabeled "Halcyon"\), 28 to 29 August 1921, station record numbers 10614-10629.](#)

Box 13 of 21

Journal of a Voyage from Gloucester to the Banks and Return, George W. Scott, cook, USFC schooner Edwin C. Doliver, 1879.

[Digital Content: Journal of a voyage from Gloucester to the banks and return by George W. Scott Cook on the USFC schooner Edwin C. Doliver \[sic\] \[recte Dolliver\] \(commanded by William Morris for the U.S.F.C. under commissioner Spencer Baird\), 4 January to 24 April 1879, voyage numbers 4 through 6.](#)

Box 13 of 21

Original logbook of the *Danglade* covering station numbers 51-78 and 1E-18E and the period March 1917. Data recorded include station number, date, hour, locality, depth, nature of bottom, wind direction and force, sea, sky, water temperature, currents, color of water, and notes.

[Digital Content: Original logbook of the Danglade covering station numbers 51-78 and 1E-18E and the dates 9-15 March 1917.](#)

Box 13 of 21

Original logbook of the *Yvonne* covering station numbers 1-6 and A-E and the period August 1924. Data recorded include station number, date, hour, position, locality, depth, nature of bottom, wind direction and force, sea, sky, surface temperature, and nets used.

[Digital Content: Original logbook of the Yvonne covering station numbers 1-6 and A-E and the period 8 to 23 August 1924.](#)

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## Series 2: TRANSCRIBED RECORDS FOR BUREAU OF FISHERIES VESSELS, CIRCA 1883-1916.

These volumes contain apparently transcribed records of data, taken from the logbooks of the *Albatross*, *Fish Hawk*, and *Grampus*. In some cases, the information given fills gaps in the run of original logbooks in Series 1, but in most cases, the data is duplicated.

### Box 14

- Box 14 of 21      Folder 1 Unlabelled record book containing transcribed records for operations of the *Albatross* from 1886-1904. First section of book covers stations H869-H3777 and D2629-D3680 and includes data on station number, date, depth, latitude, longitude and depth. Second section covers stations AA-1 - AA-249, H3778-H4503, D3681-D4566, and includes data on station number; date; time; position; depth; bottom; air, surface and bottom temperature; appliances used; depth and length of trial; time coming up; and remarks.
- Box 14 of 21      Folder 2 Record book labeled "Dredging Record, Steamer *Albatross*, November 1887- , Station 2750- " containing transcribed records for operations of the *Albatross* from 1887-1891, covering station numbers D2750-D3437. Data recorded include station number; date; hour; position; air, surface and water temperatures; depth; bottom; apparatus; vessel and locality.
- Box 14 of 21      Folder 3 Record book labeled "Str. *Albatross*, Specific Gravity Records, 1883-1887, Atlantic Ocean" containing transcribed data. Data recorded include section on specimens of sea water giving date, latitude, longitude, station, depth of sea, depth at which water was taken, temperature, thermometer. Second section gives specific gravity data including date, latitude, longitude, station, depth of sea, depth at which water was taken, temperature, specific gravity, temperature by attached thermometer and specific gravity reduced to 60 degrees (?).
- Box 14 of 21      Folder 4 Record book labeled "Surface-net towing Record, No. 1 to 62 (2750-3366) 1887-1891, *Albatross*" giving data for operations of the *Albatross* from 1887-1889 and 1891. Data recorded include station number, date, time out, time in, latitude, longitude, sky, sea, barometer, air and surface temperatures, equipment used and list of specimens collected. Not all stations have data for all these categories.
- Box 14 of 21      Folder 5 List of tin-tag numbers for the Eastern Pacific Expedition of the *Albatross*, 1904-1905. Data given include tag number, locality and date. Also, included is a list of contents of boxes and barrels numbered 1 to 15. Numbers 4621-4724.
- Box 14 of 21      Folder 6 Notebook containing transcribed records of *Albatross* covering station numbers D4303-D4564 and D4757-D5100 and the period 1904, 1906 and 1908. Data recorded include date, time, station number, depth and remarks.

- Box 14 of 21 Folder 7 Meteorological records of the Northwestern Pacific Cruise of the *Albatross*, 1906. Data given include station number, date, time of day, barometer, air and surface temperatures, density of surface water, general weather conditions, clouds, wind, state of sea, life noted in or upon surface, and remarks. Bears note "Compiled from original records of cruise: L. M. Tongue, General Assistant, Fisheries Str. *Albatross*." Numbers D4757-D5095.
- Box 14 of 21 Folder 8 Tin-tag records for the Northwestern Pacific Cruise of the *Albatross*, 1906. Data given include tag number, locality, date and rough identification. Numbers 4764-5087.
- Box 14 of 21 Folder 9 "Dredging and Hydrographic Records of the U. S. Fisheries Steamer *Albatross* during the Lower California Expedition, Spring of 1911." Data given include station number; position; chart; date; time of day; depth; character of bottom; air, surface and bottom temperatures; surface and bottom density; apparatus; depth and duration of trial; direction and distance of drift and remarks. Numbers D5673-D5699; H4938-H4953.
- Box 14 of 21 Folder 10 List of tin-tags used in the Biological Survey of San Francisco Bay, California, 1912-1913. Data given include tag number, station or locality, date, species, length, apparatus and collector. *Albatross* numbers D5703-D5848; H5302.
- Box 14 of 21 Folder 11 Record book labeled "Dredging Record, Steamer *Fish Hawk*, 1498-1638, 7676-7786" containing transcribed records for operations of the *Fish Hawk* in Vineyard and Long Island Sounds, Buzzards Bay and vicinity. Station numbers 1498-1638 cover the period July-October 1890; numbers 7676-7786 cover July-August 1905. Data records include station numbers; date; time; position; air, surface and bottom temperatures; depth; nature of the bottom; appliances used and locality. Data for 7676-7786 are also recorded in the *Fish Hawk* Log books in this record unit.
- Box 14 of 21 Folder 12 Unlabeled record book containing logs for the *Fish Hawk* covering station numbers 1685-1808 and the period September-October 1892, in Long Island Sound. Data recorded include station number, date, depth, specific gravity, temperatures, equipment used, and notes on specimens taken.
- Box 14 of 21 Folder 13 Record book labeled "Temperature and Density Observations by Steamer *Fish Hawk*" containing transcribed records for operations of the *Fish Hawk* from January-May 1895 off the coast of Virginia. Data records include date, time, location, air temperature, barometric readings, water temperature, density, tide and wind.
- Box 14 of 21 Folder 14 Unlabeled record book containing logs for the *Fish Hawk* and *Grampus*. The *Fish Hawk* log covers station numbers 7928-7999, 8197-8249 and 8264-8306 for August-October 1913, July-September 1914 and July-August 1915, respectively. The *Grampus* log covers station numbers 10424-10434 for November-December 1916. All of these logs

deal with voyages to the North Carolina coast for the investigation of fishery possibilities. [pages 151-152 missing]

Box 14 of 21

Folder 15 Record book labeled "Schr. *Grampus*, Summer Cruise of 1914. Stations and Hydrographic data. H. B. Bigelow, W. W. Welsh," containing transcribed records of the *Grampus* for station numbers 10213-10264 for July-August 1914 off the coasts of New England. Data recorded include: station number; date; time; latitude and longitude; depth; weather; temperature readings including depth, thermometer number, centigrade and corrections; whether water samples were taken; records of operation including description of nets, depth, time out, speed and remarks and general notes on each station.

Box 14 of 21

Folder 16 Notebook labeled "Dredging Record, Tangier Sound, Va., 1891," containing data collected by the *Fish Hawk*. Data given include station number; date; time of day; tide; locality, exact position; depth; nature of bottom; dredging instrument; drift direction and distance; air, surface, depth and bottom temperatures and thermometers used; bottom and surface density; barometer; sky; wind force and direction; commanding officer and observer. Numbers 1A-3A.

Box 14 of 21

Folder 17 Notebook labeled "*Fish Hawk*, Plankton System No. 1, Density Observation Book, Buzzards Bay, Sept. 1894." Data given include station number; date; time; tide; locality; exact position; depth; nature of bottom; instrument used; air temperature; surface, depth and bottom densities and temperatures; number of salinometer; barometer reading; sky; wind direction and force; commanding officer and observer.

Box 14 of 21

Folder 18 Notebook labeled "Daily Record of Hydrographic Work, U. S. F. C. St. *Fish Hawk*, Lieut. Franklin Swift, U. S. N. Commanding." Data given include date; number of volume, soundings, angles and miles; observers; recorder and leadsmen or polemen. November 1895-March 1896.

Box 14 of 21

Folder 19 Sheet labeled "Dredging and Hydrographic Records of the U. S. Fisheries Steamer *Fish Hawk*." Data given include station number, position, date, time, depth and character of bottom. 1913. Numbers 7942-7999.

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## Series 3: MATERIAL CONCERNING ACCESSIONS, TRANSMITTALS, SHIP STATIONS AND EXPOSITIONS, 1900, 1903, 1911-1948.

### Box 14

- Box 14 of 21                      Folder 20 List of series of fishes retained by the Fish Commission, mostly California and Gulf of California, 1894.
- Box 14 of 21                      Folder 21 Correspondence of Barton A. Bean with Barton Warren Evermann and Edmund Lee Goldsborough of the Fish Commission concerning Hawaiian fish types of Oliver Peebles Jenkins. 1903.
- Box 14 of 21                      Folder 22 List of stations of *Albatross*, *Fish Hawk* and *Grampus* for which more data are desired. 1886-1917.
- Box 14 of 21                      Folder 23 Material concerning the Paris Exposition of 1900. Tarleton Hoffman Bean was in charge of the Fish Commission exhibit and Director of the United States Department of Forestry and Fisheries. Includes invitation to Thanksgiving Day Luncheon, correspondence, advertisements for official medals, material concerning shipping, list of exhibitors, requests for admission and space at the exposition, handbook for the Hamburg-American steamship line and exhibitors badges or tickets.

### Box 15

- Box 15 of 21                      Folder 1 Shipping record for Berlin International Fisheries Exposition of 1880 and London Fisheries Exposition of 1883.

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## Series 4: LETTERS OF TRANSMITTAL AND ACKNOWLEDGMENT, 1889, 1894, 1896-1915.

This series includes incoming and outgoing correspondence of the United States Fish Commission and its successor agency, the Bureau of Fisheries, concerning the transmittal of specimens to institutions and scientists, particularly the United States National Museum. It also includes incoming correspondence concerning acknowledgment of these transmittals and other matters.

### Box 15

Box 15 of 21                      Folder 2 Correspondence, 1889, 1894, 1896-1899.

Box 15 of 21                      Folders 3-18 Letters of transmittal and acknowledgment, 1889, 1894,  
1896-1899, 1900-1910

### Box 16

Box 16 of 21                      Folders 1-7 Letters of transmittal and acknowledgment, 1911-1915

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## Series 5: NOTES, LISTS, PRINTS, AND REPORTS CONCERNING SCIENTIFIC WORK, 1882-1883, 1890-1891, 1901, 1911-1914.

### Box 16

- Box 16 of 21      Folder 8 Record book labeled "Color Notes on Hawaiian Fishes." Data recorded include number, species, where taken and description of coloring. Most taken from Honolulu market. June-August 1901. No author given. Indexed by species.  
[Digital Content: The record book labeled "Color Notes on Hawaiian Fishes" records information about fish observed and collected in Oahu, June 6 - August 8, 1901.](#)
- Box 16 of 21      Folder 9 Record book labeled "Log, Fishes taken at Beaufort, N. C., June-September 1912, kept by Lewis Radcliffe, Wm. J. Crozier and Selig Hecht, Bureau of Fisheries Laboratory." Data recorded include date, notes on weather and conditions, place where caught, manner of capture, name of specimen, sex, measurements, stomach contents and remarks. Indexed by species.  
[Digital Content: The record book records a variety of fish taken at Beaufort, North Carolina, June 12 - September 1912, kept by Lewis Radcliffe, William J. Crozier and Selig Hecht, Bureau of Fisheries Laboratory.](#)
- Box 16 of 21      Folder 10 Record book labeled "Log, Record of fishes taken in Beaufort region during 1913. Marine Biological Laboratory, U. S. Bureau of Fisheries, Beaufort, N. C." Data recorded include date, location, collector, species, measurements, remarks, some photographs and notes concerning fish trade. Indexed by species. January-November 1913, May-August 1914.  
[Digital Content: The record book labeled "Log, Record of fishes taken in Beaufort region during 1913. Marine Biological Laboratory, U. S. Bureau of Fisheries, Beaufort, N. C." records a variety of fish collected across North Carolina.](#)
- Box 16 of 21      Folder 11 Handwritten log labeled "A Record of Field Notes and Observations on the habits of the Shad and other fishes of the Chesapeake Basin," 1911-1912. Possibly by Lewis Radcliffe.  
[Digital Content: The loose pages are a handwritten log labeled "A Record of Field Notes and Observations on the habits of the Shad and other fishes of the Chesapeake Basin," 1911-1912. Possibly by Lewis Radcliffe.](#)
- Box 16 of 21      Folder 12 "Annotated List of Fishes Collected in North and South Carolina, Winter and Spring of 1890-91," by William Converse Kendall.  
[Digital Content: The loose typed notes labeled "Annotated List of Fishes Collected in North and South Carolina, Winter and Spring of 1890-91," by William Converse Kendall were collected for the United States Bureau of Fisheries.](#)
- Box 16 of 21      Folder 13 Two notebooks containing data on work done at Woods Hole, Massachusetts in the summer 1882. Observations covered are numbered 1078-1155. Data recorded include instrument used, number of observation,

- date, locality, bearings, time of day, depth, nature of bottom and notes on catch. Compiled by P. Parker and Randolph H. Miner.
- Digital Content: This is one of two notebooks containing data on work done at Woods Hole, Massachusetts in the August 2-28, 1882. Observations covered are numbered 1078-1120.
- Digital Content: This is one of two notebooks containing data on work done at Woods Hole, Massachusetts in the August 26 - October 4 1882. Observations covered are numbered 1021-1155.
- Box 16 of 21 Folder 14 Notebook labeled "Vol. 1, Department of Fishes, Woods Hole, 1883," containing list of specimens with data.
- Digital Content: The notebook labeled "Vol. 1, Department of Fishes, Woods Hole, 1883", contains a list of specimens with data.
- Box 16 of 21 Folder 15 "List of Fishes Collected and Observed in North and South Carolina by the Steamer *Fish Hawk*, During the Winter of 1890-91" by William Converse Kendall.
- Digital Content: List of fishes collected and observed in North and South Carolina by the Steamer Fish Hawk, during the winter of 1890-91 by William Converse Kendall. [Image nos. SIA2012-3593 to SIA2012-3603]
- Box 16 of 21 Folder 16 "Report on the Work of the Fish-Hawk at Beaufort, N. C., August 25 to October 19, 1913, with some additional notes on commercial fishing," by Lewis Radcliffe.
- Digital Content: The loose, types pages are titled "Report on the Work of the Fish-Hawk at Beaufort, N.C., August 25 to October 19, 1913 with some additional notes on commercial fishing," by Lewis Radcliffe.
- Box 16 of 21 Folder 17 Prints illustrating fishing activities and work of the Fish Commission. Appear to have been prepared for a Fish Commission publication. Undated, unidentified.
- Digital Content: Landscape view of the United States Fish Commission Station at Woods Hole, Massachusetts, September 1, 1882. Little Harbor. Lighthouse Board station in left center. [Image no. 95-1180]
- Digital Content: The Armory Building which was transferred to Smithsonian use in 1876 to store its National Museum collections, 1885. It is also used by the United States Fish Commission, administered by Smithsonian Secretary Spencer Baird. Fish Commission staff are delivering or sending fish of some type for distribution (not scientific specimens) from the Armory Building. A railroad car is labeled United States Fish Commission sits near the building with a horse-drawn cart in front of the building holds wooden barrels. [Image no. 95-1179]
- Digital Content: United States Fish Commission laboratories in the Armory Building in Washington, D.C., 1880s. Five members of the Fish Commission staff are moving containers with results of fish culture. Fish tanks are visible in rear. [Image no. 95-1178]
- Digital Content: United States Fish Commission laboratories in the Armory Building in Washington, D.C., 1880s. The engraving shows fish tanks and equipment, including fish culture apparatus and possible model of a fish ladder in left foreground. [Image no. 95-1177]

Digital Content: United States Fish Commission laboratories, perhaps in the Armory Building in Washington, D.C., c. 1880s. Shows fish tanks and equipment, and fish culture apparatus. [Image no. 95-1185]

Digital Content: View of the United States Fish Commission buildings at the National Carp Ponds on the grounds of the Washington Monument, c. 1880s. A driver is delivering containers of specimens in a horse-drawn cart in foreground. Partially built Washington Monument is visible in rear. [Image no. 95-1181]

Digital Content: Five members of the United States Fish Commission staff unloading containers of fish from a boat, c. 1880s. Location unknown. [Image no. 95-1187]

Digital Content: Four men sorting fish in front of a building, for the United States Fish Commission, c. 1880s. Several other individuals can be seen in background. [Image no. 95-1186]

Digital Content: A large group of men are standing in the water as they pull on fish nets. On the landing, another group of men is watching. A large waterwheel is visible in rear. All are presumably working for the United States Fish Commission in the 1880s. [Image no. 95-1183]

Digital Content: Six staff members of the United States Fish Commission collection fish from fish ponds, c. 1880s. Location may be Washington, D.C. Another man is standing in a shed on the right. A dog is visible in the center. Buildings are visible in rear. [Image no. 95-1190]

Digital Content: A United States Fish Commission site, with net enclosures in a fish pond, c. 1880s. Three staff members are working in the water. Buildings are located on shore to right and left. Location unknown (May be Penobscot). [Image no. 95-1191]

Digital Content: Two boats of the United States Fish Commission next to a dock, c. 1880s. Location unknown. The "Fish Hawk" is in the background. [Image no. 95-1184]

Digital Content: View of a house along the shore of a pond, presumably belonging to the United States Fish Commission, c. 1880s. Location unknown, perhaps New England. [Image no. 95-1192]

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## Series 6: LOGBOOKS, NOTES, AND CORRESPONDENCE CONCERNING OYSTER SURVEYS, 1888, 1897-1898.

### Box 16

Box 16 of 21

Folders 18-20 Logbooks of the *Fish Hawk*, labeled "Oyster Investigation, Narragansett Bay and Long Island Sound, 1888," containing records of observations. Data recorded include number of observation, date, locality, bearings, time of day, sky, air temperature, surface and bottom temperature, depth temperature, depth, nature of bottom surface density, depth and bottom densities and commanding officer. Station numbers 1-235.

Digital Content: Folder 18, Envelope 1 - This is the first of seven logbooks of the *Fish Hawk*, labeled "Oyster Investigation, Narragansett Bay and Long Island Sound, 1888". It documents observations 1-33, gathered September 10 -13, 1888.

Digital Content: Folder 18, Envelope 2 - This is the second of seven logbooks of the *Fish Hawk*, labeled "Oyster Investigation, Narragansett Bay and Providence River, 1888". It contains records of observations 34 - 35, taken during September 13 - 17, 1888.

Digital Content: Folder 18, Envelope 3 - This is the third of seven logbooks of the *Fish Hawk*, labeled "No. 3, Oyster Investigation". It contains records of observations 40-89, taken during September 17 - 25, 1888.

Digital Content: Folder 19, Envelope 1 - This is the fourth of seven logbooks of the *Fish Hawk*, labeled "No. 4, Oyster Investigation". It contains records of observations 90-139, taken during September 25 - 27, 1888.

Digital Content: Folder 19, Envelope 2 - This is the fifth of seven logbooks of the *Fish Hawk*, labeled "No. 5, Oyster Investigation 129-176". It contains records of observations 129 - 176, taken during September 28 - October 2, 1888.

Digital Content: Folder 19, Envelope 3 - This is the sixth of seven logbooks of the *Fish Hawk*, labeled "No. 6, 1888, #177-226". It contains records of observations 177-226, taken during October 2 - 4, 1888.

Digital Content: Folder 20 - This is the seventh of seven logbooks of the *Fish Hawk*, labeled "Book 7, #227-235, #1-38". It contains records of observations #227-235, #1-38, taken during October 4 - 11, 1888.

Box 16 of 21

Folder 21 Notebook labeled "Record of Density and Temperature of Water" containing hydrographic data and remarks concerning the Louisiana oyster beds, January-March 1897. Data recorded include date, time, surface and bottom densities and temperatures and tide gauge.

Digital Content: Notebook labeled "Record of Density and Temperature of Water" containing hydrographic data and remarks concerning the Louisiana oyster beds, January-March 1897 by staff of the United States Bureau of Fisheries.

Box 16 of 21

Folder 22 Correspondence and records concerning the 1897-1898 Louisiana oyster survey. Includes sheet containing diatom count; notes and statistics on specific localities; analysis of Louisiana House Bill Number 112 concerning the oyster industry; views of an oysterman on the industry, dated February 5, 1898 and correspondence concerning the results of the survey, 1898.

Digital Content: The correspondence and records relate to the 1897-1898 Louisiana oyster survey. Includes sheet containing diatom count; notes and statistics on specific localities; analysis of Louisiana House Bill Number 112 concerning the oyster industry; views of an oysterman on the industry, dated February 5, 1898 and correspondence concerning the results of the survey, 1898.

Box 17

Box 17 of 21

Folder 1 Notebook of hydrographic data, apparently from Louisiana Oyster survey. Data recorded include location, date, station number, surface and bottom densities and temperatures, depth and nature of bottom. February 1898.

Digital Content: The notebook records hydrographic data, apparently from Louisiana Oyster survey conducted by the United State Bureau of Fisheries, February 2 - 22, 1898.

Box 17 of 21

Folder 2 Two notebooks containing journal of oyster survey, author unknown. Dated February 2-March 15, 1898.

Digital Content: Journal of oyster survey, author unknown, dated 2 February to 15 March 1898.

Digital Content: This is the first of two notebooks containing a journal of an oyster survey of Louisiana conducted by the United States Bureau of Fisheries. It includes entries for dates February 2 - 20, 1898.

Digital Content: This is the second of two notebooks containing a journal of an oyster survey of Louisiana, conducted by the United States Bureau of Fisheries. Dated February 21-March 15, 1898.

Box 17 of 21

Folder 3 Notebook containing replies to questions asked to oysterman. Replies are numbered, apparently referring to question numbers, but no list of questions is given. Undated. Author unknown.

Digital Content: Notebook containing replies to questions asked to oysterman. Replies are numbered, apparently referring to question numbers, but no list of questions is given. undated, but surmised to be part of the oyster survey of Louisiana conducted between 1888-1898.

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## Series 7: MUSSEL ACCESSION BOOKS, CIRCA 1899-1912.

These books were apparently kept by the Bureau of Fisheries to record specimens of mussels which were collected in connection with Bureau investigations. A number of investigations on freshwater mussels and the pearl button industry were conducted by the Bureau during this period. The specimens were apparently then sent to the United States National Museum along with these records documenting the collections.

The dates given are collection dates. The books are arranged in numerical order by tag number. Most of the collecting dates range from 1905 to 1912, but earlier and later dates are occasionally found. Some of the volumes are indexed by the rivers in which collections were made.

### Box 17

#### Box 17 of 21

Folders 4-11 Mussel accession books, containing tag numbers 1-19544. 1899-1912.

[Digital Content: Folder 4 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 1-2150, collected circa 1907-1911 \(mostly 1908\).](#)

[Digital Content: Folder 5 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 2151 to 4004, collected circa 1900-1911 \(mostly 1908\).](#)

[Digital Content: Folder 6 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 4005-6175, collected circa 1908-1909 \(mostly 1909\).](#)

[Digital Content: Folder 7 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 6176-8350, collected circa 1909.](#)

[Digital Content: Folder 8 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 8351-11234, collected circa 1901-1909 \(mostly 1909\).](#)

[Digital Content: Folder 9 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 11235-14134, collected circa 1908-1909 \(mostly 1909\).](#)

[Digital Content: Folder 10 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 14135-17034, collected circa 1907-1909.](#)

[Digital Content: Folder 11 - Bureau of Fisheries record of mussel specimens collected during Bureau investigations, sent to the United States National Museum along with the collections. This volume contains records for tin tag numbers 17035-19544, collected circa 1907-1912.](#)

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## Series 8: DISTRIBUTION RECORDS, 1882-1887. (SEE ALSO SERIES 10).

Contain records relating to the distribution of fishes carried out as part of the Fish Commission's activities in fish propagation. Data recorded include recipient, date sent, types of fish sent, how transported, and request number.

### Box 17

Box 17 of 21

Folders 12-14 Numbers 1-4040.

### Box 18

Box 18 of 21

Folders 1-4 Distribution record book, numbers 4041-10571, December 1882 to June 1887.

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## Series 9: ORIGINAL LOGBOOKS FOR BUREAU OF FISHERIES VESSELS, CIRCA 1877-1925. (SEE ALSO SERIES 1).

### Box 19

- Box 19 of 21                      Folder 1 Logbooks of the *Albatross* covering stations AA1-A249 (August 26-1899-February 21, 1900) and D3695-D5672 (December 30, 1909); and H4012-H4937  
[Digital Content: The logbook document of the Albatross conditions of stations AA1 - D5672, August 26, 1899 - December 30, 1909.](#)
- Box 19 of 21                      Folder 2 Logbooks of the *Albatross* covering station numbers D5700-D5849 and H4966-H5350 (January 30, 1912-July 23, 1913)  
[Digital Content: The logbook documents conditions of stations station no. D5700 to H5350, January 30, 1912 - July 23, 1913 as recorded by the USS Albatross when it was out of Sausalito, California.](#)

### Box 20

- Box 20 of 21                      Folder 1 Logbooks of the *Albatross* covering stations H5366-H6408 (April 29, 1914-September 19, 1915)  
[Digital Content: Logbooks of the Albatross covering stations H5366-H6408, 29 April 1914 to 19 September 1915.](#)
- Box 20 of 21                      Folder 2 Logbooks of the *Albatross* covering stations D4567-D5913 and H4805-H5771 (October 6, 1904-March 6, 1914)  
[Digital Content: Logbooks of the Albatross covering stations D4567-D5913 and H4805-H5771, 6 October 1904 to 6 March 1914.](#)

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## Series 10: DISTRIBUTION RECORDS, 1882-1887. (SEE ALSO SERIES 8).

Contain records relating to the distribution of fishes carried out as part of the Fish Commission's activities in fish propagation. Data recorded include recipient, date sent, types of fish sent, how transported, and request number.

### Box 21

#### Box 21 of 21

Two oversize ledgers (bound but no covers) recording accessions to, and transmissions from, the U.S. National Museum, 1911-1948. Many were received from the Bureau of Fisheries, Fish and Wildlife Service. Others came from various sources. Accession numbers 631-1436; Transmittal numbers 1-528.

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## Series 11: MICROFILM COPIES OF LOGBOOKS, TAG RECORDS, AND CATALOGUES.

If the original records are not located in this record unit, their location is noted.

**Microfilm Reel 1** Original Log Books of the U. S. S. "*Fish Hawk*", United States Fish Commission, Station Records, Records of Station Numbers. In many cases, copies of log books were also filmed on this reel. These logbooks are marked as such below.

- 1) Station numbers 770-814
- 2) Station numbers 815-858
- 3) Station numbers 814-857 (copy)
- 4) Station numbers 858-901
- 5) Station numbers 859-902 (copy)
- 6) Station numbers 903-916 (copy)
- 7) Station numbers 917-960 (copy)
- 8) Station numbers 917-960
- 9) Station numbers 961-1028
- 10) Station numbers 961-1029 (copy)
- 11) Station numbers 1029-1049
- 12) Station numbers 1030-1073 (copy)
- 13) Station numbers 1050-1077
- 14) Station numbers 1078-1121
- 15) Station numbers 1074-1122 (copy)
- 16) Station numbers 1122-1155
- 17) Station numbers 1123-1155 (copy)

Typewritten record of *Fish Hawk* data, 1883-1922. Data recorded include station number; bearings; chart; date; time of day; depth; character of bottom; air, surface and water temperatures; salinity and apparatus used. The original binder containing this record is located in the Cataloging Room Safe in the Division of Fishes.

**Microfilm Reel 2** Original Log Books of the U. S. S. "*Fish Hawk*", United States Fish Commission, Station Records.

- 1) Station numbers 9570-9614
- 2) Station numbers 9615-9665
- 3) Station numbers 9666-9710, 1BB-6BB

4) Station numbers 9711-9726 Original Log Books of the U. S. S. "*Grampus*," United States Fish Commission, Record of Station Numbers.

- 1) Numbers 5050-5098
- 2) Numbers 5099-5124
- 3) Numbers 10057-10106
- 4) Numbers 10107-10156
- 5) Numbers 10213-10264
- 6) Numbers 10266-10314
- 7) Numbers 10315-10339
- 8) Numbers 10340-10390
- 9) Numbers 10391-10439
- 10) Numbers 10440-10487

Original Log Books of the U. S. S. "*Halcyon*," United States Fish Commission, Station Records.

- 1) Target reads "Numbers 10614-10629" but subsequent film is of Numbers 10002-10040.
- 2) Numbers 10041-10089
- 3) Numbers 10090-10106, 10157, 10213-10241
- 4) Numbers 10242-10293
- 5) Numbers 10294-10315, 10488-10511
- 6) Numbers 10512-10562
- 7) Numbers 10563-10613
- 8) Numbers 10614-10629

Original Log Books of the U. S. S. "*Fish Hawk*," United States Fish Commission, Station Records, 9523-9569.

**Microfilm Reel 3** Original Log Books of the U. S. S. "Gannet," United States Fish Commission, Records of Station Numbers, G1-G69. The original logbooks are located in the Cataloging Room Safe in the Division of Fishes.

**Microfilm Reel 4** Linen tag numbers (= P numbers) Translated into Dredge Numbers or Localities, "*Albatross*" Philippine Cruise, 1907-1910. The original record books are located in the Cataloging Room Safe in the Division of Fishes.

Volume 1 Numbers 1-9244

Volume 2 Numbers 9245-18484

Volume 3 Numbers 18485-24376

#### Volume 4 Numbers D5643-D5672

Original Tag Record, Division of Inquiry, United States Bureau of Fisheries. Volume 1, Numbers 1-9021, 1888-1892. Original record book located in Cataloging Room Safe, Division of Fishes.

Target for next segment reads "Original Log Books of the U. S. S. Gannet." Actually contains United States Bureau of Fisheries Tag Record 2, Numbers 1-5900. Labelled 1894-1910 but covers 1895-1911. Front of volume contains notes on fishes collected in Montana and Wyoming, 1891. Original volume is located in Cataloging Room Safe, Division of Fishes.

Original Tag Record, Division of Inquiry, United States Bureau of Fisheries, Volume 3, circa 1903- 1937. Also includes following inserted items.

- 1) Record of Stations Made by Fisheries Steamer "*Fish Hawk*" in Investigating Laboratory Site on the South and West Coasts of Florida, December 18, 1912 to January 18, 1913.
- 2) Tin Tag Records, Northwestern Pacific Cruise to the "*Albatross*", 1906.
- 3) List of Fishes and other Specimens Tin-Tagged on Alaska Salmon Investigation Expedition, United States Fish Commission steamer "*Albatross*", 1903; also list of Salmonidae for study.
- 4) Catalogue of Tagged Specimen of Puerto Rican Fishes and other Vertebrates: 1898-1899.
- 5) Record of Field Tags and Fish Collections Sent Out: 1891-1902.
- 6) Memorandum of Fishes taken by the Steamer "*Albatross*" at Stations 2581-2591, 1885.
- 7) U. S. F. str. "*Albatross*," October 27, 1919 to December 13, 1919. Journal or log entries.

The original volume, including insertions is located in the Cataloging Room Safe, Division of Fishes.

**Microfilm Reel 5** Original Field Data, United States Fish Commission Steamer "*Albatross*," Tin Tag Records. circa 1884-1913. The original volumes are located in the Cataloging Room Safe, Division of Fishes.

#### Volume 1

Numbers 1-3388

Numbers 8863-9399

Numbers A450-A1301

#### Volume 2

Numbers 3389-5199

Numbers A401-A449

Numbers 5249-8862

The third segment is a duplication of Volume 2. Additional data is located in the original volume in the Division of Fishes.

Catalogue of Hawaiian Fishes, n.d.; Catalogue of specimens of Fishes from the Philippine Islands exhibited at Louisiana Purchase Exposition at St. Louis, Missouri in 1904 by the Philippine Commission;

Tag numbers of Hawaiian Fishes, 1901. These three catalogs are located in the same volume, the original of which is located in the Cataloging Room Safe, Division of Fishes.

**Microfilm Reel 6** List of hauls, "*Albatross*." Dredging stations D2183-D2310, 1884. Fish lists, "*Albatross*," 1884, 1887-1888, 1890-1891, 1894-1895.

Miscellaneous volume containing: a) List of "*Albatross*" fishes collected prior to December 30, 1890, and sent to Washington labeled with tin tags only; b) Steamer "*Albatross*" stations, 1893-1895; c) List of Fishes in tank-box, from C. H. Gilbert, Bering Sea, 1896; list of Hawaiian fish, n.d.

List of stations and fish collected on the Northwest Pacific Cruise of the "*Albatross*," 1906.

Laboratory journal, Philippine Islands Cruise of the "*Albatross*," volume 1, October 23, 1907 - August 13, 1908, dredging stations D5098-D5304.

**Microfilm Reel 7** Laboratory journal, Philippine Islands Cruise of the "*Albatross*," volume 2, October 24, 1908 - March 20, 1909, dredging stations D5411-D5642.

Map of stations on Philippine Islands Cruise of the "*Albatross*," 1907-1910.

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