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Orestes Hawley St. John Papers, *circa* 1825-1892

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Orestes Hawley St. John Papers
Identifier:	Record Unit 7154
Date:	<i>circa</i> 1825-1892
Extent:	2 cu. ft. (4 document boxes)
Creator::	St. John, Orestes Hawley
Language:	Language of Materials: English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Record Unit 7154, Orestes Hawley St. John Papers

Historical Note

Orestes Hawley St. John (1841-1921) was a geologist whose main scientific interest was fossil fishes of the Paleozoic Era. St. John aided Amos Henry Worthen in the early Geological Survey of Illinois on an intermittent basis from the 1860s until circa 1883. In addition to his work with the Illinois Survey, St. John served as principal geological assistant to Charles Abiathar White in the Second Geological Survey of Iowa from 1862 to 1868. In 1873, St. John made an extensive visit to the Museum of Comparative Zoology at Cambridge, Massachusetts, where he studied and helped arrange the paleontological collections.

St. John also accompanied Ferdinand Vandever Hayden's 1877-1878 survey of Idaho, Montana, and Wyoming. In 1878 St. John led the party which surveyed the Wind River Mountains, portions of the Gros Ventre Range, the Wyoming Range, and the Snake River Valley.

Descriptive Entry

These papers relate to Paleozoic fossil fish and include abstracted articles, specimen notes and notebooks, and original notes for publications of the Illinois Geological Survey.

Names and Subject Terms

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

Subjects:

Geologists
Geology
Ichthyologists
Ichthyology
Paleontologists
Paleontology

Types of Materials:

Drawings
Field notes
Manuscripts
Maps

Names:

Geological Survey of Iowa
Geological and Geographical Survey of the Territories (U.S.)
Harvard University. Museum of Comparative Zoology
Hayden, F. V. (Ferdinand Vandever), 1829-1887
Illinois State Geological Survey
St. John, Orestes Hawley
White, Charles A. (Charles Abiathar), 1826-1910
Worthen, Amos Henry, 1813-1888

Container Listing

Series 1: EXTRACTED ARTICLES ON FOSSIL FISHES, CIRCA 1825-1884. ARRANGED CHRONOLOGICALLY.

Box 1

Box 1 of 4	Folder 1 Articles on fossil fishes, circa 1825-1884
Box 1 of 4	Folder 2 Articles on Carboniferous fossil fishes, circa 1856-1873
Box 1 of 4	Folder 3 Notices extracted from "Geol. Magazine," 1864-1867
Box 1 of 4	Folder 4 Selachians: Extracts from Richard Owen's Odontography, circa 1867
Box 1 of 4	Folder 5 List of Publications on Devonian and Carboniferous fossils, circa 1857-1863
Box 1 of 4	Folder 6 Bibliography on fossil fishes, undated

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Series 2: SPECIMEN NOTES, 1870-1882. ARRANGED ALPHABETICALLY BY
GENERIC NAME.

Box 1

Box 1 of 4

Folders 7-9 A-L

Box 2

Box 2 of 4

Folders 1-5 M-Z

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Series 3: NOTES AND NOTEBOOKS ON FOSSIL FISHES, 1868-1882 AND UNDATED. ARRANGED CHRONOLOGICALLY WITH UNDATED FIRST.

Box 2

- Box 2 of 4 Folder 6 Notebook - Revision of Carboniferous Selachians: Cladodonts, undated
- Box 2 of 4 Folder 7 Notebook - Cladodonts and Myliodonts, undated
- Box 2 of 4 Folder 8 Notes - Cochliodont groups and forms, mostly from Missouri, Iowa, and England, undated
- Box 2 of 4 Folder 9 Notebooks - Cochliodont natural groups and specific forms, undated
- Box 2 of 4 Folder 10 Notebook - Petaldonts, undated
- Box 2 of 4 Folder 11 Notes - Localities of fish remains, upper coal-measure, Iowa, circa 1867-1868; Cedar Creek, Illinois Upper Burlington fish-bed horizon by Frank Springer and St. John
- Box 2 of 4 Folder 12 Notes - Illinois Geological Survey, List of fishes, Coal no. 5, Danville, Illinois, circa 1870
- Box 2 of 4 Folder 13 Notebook - Specimen drawings and descriptions, mostly from Iowa, circa 1872-1881

Box 3

- Box 3 of 4 Folder 1 Notes - Lower Carboniferous (St. Louis) fishes from Grand Rapids, Michigan. Contributed by Prof. E. A. Strong, December 1881.
- Box 3 of 4 Folder 2 Notes - Genera, mostly from Illinois and New York, 1882

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Series 4: ORIGINAL NOTES FOR PUBLICATIONS OF ILLINOIS GEOLOGICAL SURVEY, 1881-1883. ARRANGED BY PUBLICATION.

Box 3

- Box 3 of 4 Folder 3 Vol. VI, List of fossil fishes described, circa 1881-1882
- Box 3 of 4 Folder 4 Vol. VII, Title and Introduction; Systematic and chronological list;
Description of Plates; List of fishes from Vol. VII prepared for new edition of
Catalogue of American Paleozoic Fossils, 1882-1883
- Box 3 of 4 Folder 5 Vol. VII, Cochliodonts: Chitonodus, Cochliodus, Deltodus,
1882-1883
- Box 3 of 4 Folder 6 Vol. VII, Cochliodonts: Deltoptychius, Orthopleurodus, Pocilodus,
1882-1883
- Box 3 of 4 Folder 7 Vol. VII, Cochliodonts: Sandalous, Stenopterodus, Tomodus,
Vaticinodus, 1882-1883
- Box 3 of 4 Folder 8 Vol. VII, Copodus and Deltodopsis, 1882-1883
- Box 3 of 4 Folder 9 Vol. VII, Ichthyodorulitus, 1882-1883

Box 4

- Box 4 of 4 Folder 1 Vol. VII, Psammodus, 1882-1883
- Box 4 of 4 Folder 2 Vol. VII, Psephodus, Tocnidus, Xystrodus, 1882-1883
- Box 4 of 4 Folder 3 Vol. VII, Errata (supplementary), 1883

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Series 5: MISCELLANY, CIRCA 1860-1892, ARRANGED CHRONOLOGICALLY.

Box 4

- Box 4 of 4 Folder 4 Etymological derivations, mostly from Greek, undated
- Box 4 of 4 Folder 5 Drawings - Specimens from Illinois, New Mexico, Kansas, England, Iowa, circa 1860-1882
- Box 4 of 4 Folder 6 Notes on equivalence of Devonian Strata, Cedar Valley, Iowa, 1862
- Box 4 of 4 Folder 7 Drawings, Maps, Diagrams - Specimens and locations, circa 1864-1889
- Box 4 of 4 Folder 8 Report on the Ecomical Geology along the line of the Burlington and Missouri River Railroad, by St. John, 1871 (report to C. E. Perkins, General Superintendent)
- Box 4 of 4 Folder 9 Notes on the Methods to be pursued in arranging the Museum of Comparative Zoology Collections, 1873
- Box 4 of 4 Folder 10 Report on the Devonian and Carboniferous Paleontological Collections, by St. John, 1873 (report to Museum of Comparative Zoology, Cambridge, Massachusetts)
- Box 4 of 4 Folder 11 Notes on Frank H. Bradley's Section of Coal-Measure Strata, Danville, Illinois; Notes on the Bone-bed locality, 1882
- Box 4 of 4 Folder 12 Miscellaneous notes, circa 1864-1883

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