



## **Guide to the Arthur Sperry Pearse papers, 1904-1960**

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David M. Rubenstein Rare Book & Manuscript Library

411 Chapel Drive

Duke University

Durham 27708

[askRL@duke.edu](mailto:askRL@duke.edu)

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## Summary

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**Collection Title:**

Arthur Sperry Pearse papers, 1904-1960

**Creator:**

Pearse, A. S. (Arthur Sperry), 1877-1956

**Abstract:**

Arthur Sperry Pearse (pronounced like "purse") was Professor of Zoology at Duke University from 1927 until his retirement in 1948; he played a pivotal role in the establishment of the Marine Biology Laboratory in Beaufort, North Carolina, and served as the lab's first director from 1938 until 1945. Collection comprises professional papers and photographs documenting A. S. Pearse's career as a zoologist. Formats include correspondence, writings and lectures, lab notes and data, fieldwork notes, teaching materials, clippings and printed materials, and over 2000 photographs, glass slides, and negatives. The images document Pearse's research travels, particularly in Nigeria and the Yucatán, but also in Alabama, Florida, coastal North Carolina, Japan, China, Burma, the Phillipines, Colombia, and Venezuela, chiefly during the period 1915-1935. Images are of local flora, fauna, landscapes, villages, dwellings, local crafts and industries, indigenous peoples, and other scientists. There are also early photographs of the Duke University Marine Lab in Beaufort, N.C. Also found are many publication illustrations such as maps and charts. Prominent subjects throughout the collection include the establishment of and research projects at the Duke Marine Lab; the promotion of forestry as a scientific discipline at Duke; Pearse's role as editor of the publication *Ecological Monographs*; and his research interests in marine biology, ecology, crustaceans, parasitology, microbiology, biological adaptation, and forestry.

**Extent:**

11 Linear Feet (17 boxes)

**Language:**

Material in English

**Collection ID:**

UA.29.02.0012

**Permalink:**

<https://idn.duke.edu/ark:/87924/m1vt4t>

## Preferred Citation

[Identification of item], Arthur Sperry Pearse Papers, Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

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## Background

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### Scope and Content

Collection comprises professional papers and photographs documenting A. S. Pearse's scholarly career as a zoologist at Duke University. Formats include correspondence, writings and lectures, lab notes and data, fieldwork notes, teaching materials, clippings and printed materials, and over 2000 photographs, negatives, and glass lecture slides.

Prominent subjects throughout the collection include the establishment of and research projects at the Duke University Marine Laboratory, the promotion of forestry as a scientific discipline at Duke, Pearse's role as editor of the journal *Ecological Monographs*, and his research interests: marine biology, ecology, crustaceans, parasitology and parasitic diseases, microbiology, biological adaptation, and forestry.

There are many photographic images in the form of prints, nitrate and safety negatives, and glass plate lecture slides, all documenting Pearse's research travels, particularly in Nigeria and the Yucatán, but also in Alabama, Florida, coastal North Carolina, Japan, China, Burma, the Phillippines, Colombia, and Venezuela, chiefly during the period 1915-1935. Images include local flora, fauna, landscapes, villages, dwellings, local crafts and industries, and indigenous peoples. Also present are other scientists in the laboratory and in the field, as well as early images of the Duke Marine Lab in Beaufort, N.C. and other marine labs, and images of the N.C. coast and people such as fishermen. Finally, there are many images of maps, charts, tables, and drawings used in Pearse's lectures and publications. The nitrate negatives are slated for digitization.

Correspondence primarily reflects his role as editor of *Ecological Monographs*. Other prominent topics include Pearse's involvement with professional organizations, symposia and conferences, his own publications, research in Nigeria and the Yucatán, and the founding and early operations of the Duke University Marine Laboratory at Beaufort, North Carolina. Also, in

1938-1939, there is a series of correspondence between Pearse and President William Preston Few concerning lack of support for and conditions within the department and Pearse's consequent resignation as departmental chair.

Other materials include research notes, tables, and sketches; laboratory and field notebooks containing research notes and statistics from Nigeria, the Yucatan, Wisconsin, and various other research locations; graduate student correspondence and dissertation abstracts; and manuscripts of various publications authored by Pearse including *Animal Ecology* and his 1952 autobiography, *Adventure: Trying to be an Ecologist*.

### **Biographical/Historical**

Arthur Sperry Pearse (pronounced like "purse") was born 15 March 1877, on the Pawnee Indian Reservation near Crete, Nebraska, where his parents ran a trading post. In 1898, Pearse left the University of Nebraska with the 4th Nebraska Volunteer Infantry in the Spanish-American War, returning to receive his B.A. in 1900 and his M.A. in 1904. He went on to complete his doctoral work at Harvard where he received his Ph.D. in 1908. Also, in 1942, Pearse received an honorary LL.D. from the University of Nebraska.

Pearse taught courses at Harvard, the University of Michigan (1908-1910), the University of the Philippines (1911), St. Louis University School of Medicine (1911-1912), the University of Wisconsin-Madison (1912-1927), and, finally, as Professor of Zoology at Duke University (1927-1948). In 1926, Pearse spent five months at the London School of Hygiene and Tropical Medicine and one year as a visiting professor at Keio University in Japan (1929-1930). Pearse was an instrumental participant in the creation of the Duke University Marine Laboratory at Beaufort, N.C., in 1938 and served as the lab's first director until 1945. He was also founder and editor of *Ecological Monographs* (1930-1950), a publication of Duke University Press.

In addition to work within the academy, Pearse was also a special investigator for the United States Bureau of Fisheries, a special member of field staff for the International Health Board, and a special investigator for the Carnegie Institute. Also a member of many scientific societies, he served as president of the Ecology Society of America (1925), American Society of Zoologists (1945), and North Carolina Academy of Science (1951), and as vice president of the American Association for the Advancement of Science (1936).

During his career Pearse authored about 175 publications on a variety of research interests in the fields of marine zoology and ecology, microbiology, forestry, and parasitology including fresh-water fauna, beach and estuarine animals, the fauna of soil and forest environments, parasitic marine crustacea, and biological adaptation. Titles include *General Zoology* (1917), *The Migration of Animals from Sea to Land* (1936), *Fauna of the Caves of the Yucatan* (1938), and *Animal Ecology* (1939). He also published a collection of

essays, *Hell's Bells* (1941), and an autobiography, *Adventure: Trying to be a Zoologist* (1952).

Pearse's research travels - documented by his own photographs - took him to the Nigeria, the Philippines, Japan, Yucatan, Venezuela and numerous locations throughout the United States including Alabama, Wisconsin, Massachusetts, Maine, Florida, Texas, and coastal North Carolina.

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## Administrative Information

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### Publication Statement

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URL: <https://library.duke.edu/rubenstein/>

### Access Restrictions

Access note. Collection contains fragile materials in the form of negatives and glass lantern slides. Contact Research Services for access.

Access restricted. In accordance with the Family Education Rights and Privacy Act of 1974 as amended, Duke University permits students to inspect their education records and limits the disclosure of personally identifiable information from education records.

### Use Restrictions

Copyright for Official University records is held by Duke University; all other copyright is retained by the authors of items in these papers, or their descendants, as stipulated by United States copyright law.

### Acquisition Information

The Arthur Sperry Pearse Papers were received by the University Archives as a transfer between 1954-1973.

## Processing Information

Processed by Josh Larkin Rowley, April 2009.

Encoded by Josh Larkin Rowley, April 2009

Photographic Materials series, access restrictions notes, and subjects updated and enhanced by Paula Jeannet, February 2019 and January 2023.

Original nitrate negatives were digitized and deaccessioned in May 2025 and only exist in digital form.

Accessions described in this collection guide: UA48-1843, UA48-2038, UA48-2122, UA60-218, UA62-541, UA73-51.

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## Related Materials

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### Related Material

[Irving Emery Gray Papers](#), Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

[Marine Laboratory Records](#), Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

[Paul Jackson Kramer Papers](#), Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

[University Archives Photograph Collection](#), Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

[William Preston Few Records and Papers](#), Duke University Archives, David M. Rubenstein Rare Book & Manuscript Library, Duke University.

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## Names and Subjects

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- Adaptation, Biological

- Biology -- Fieldwork
- Coastal biology
- Ecology -- Study and teaching (Higher)
- Forest ecology
- Marine biology
- Marine ecology
- Parasitic diseases
- Parasitic diseases -- Nigeria
- Zoology -- North Carolina
- Zoology -- Study and teaching (Higher)
- Beaufort (N.C.) -- History
- Nigeria -- Photographs
- Nigeria -- Social life and customs
- North Carolina -- Outer Banks -- Photographs
- Yucatán (Mexico : State) -- Social life and customs
- Yucatan Peninsula -- Photographs
- Southern States -- Photographs
- Black-and-white photographs
- Field notes
- Lantern slides
- Negatives (photographs)
- Slides (photographs)
- digitized images
- Few, W. P. (William Preston), 1867-1940
- Pearse, A. S. (Arthur Sperry), 1877-1956
- Duke University. Department of Zoology
- Duke University. Marine Laboratory
- Duke University. School of Forestry
- American Association for the Advancement of Science
- American Society of Zoologists
- Duke University -- Faculty

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## Collection Inventory

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### Correspondence, 1921-1960

**Physical Description:** 1.5 boxes

#### Scope and Contents note

Correspondence primarily reflects his role as editor of *Ecological Monographs*, and relates to drafts for publication, recommended revisions, and dates for future publication. Other prominent topics include Pearse's involvement with professional organizations, including the Ecology Society of America and Society of American Zoologists; various symposiums and conferences,

publications, and research; and the founding and early operations of the Duke Marine Biology Laboratory at Beaufort, North Carolina.

Correspondence also reflects Pearse's professional activities outside of the academy: working for the Office of the Quartermaster General interviewing soldiers recently returned from tropical environments in New Guinea, India, Burma, and the Caribbean; promoting the physical rehabilitation of the sciences in Europe in the wake of the Second World War through the American Association for the Advancement of Science; and acting as special investigator for the U.S. Bureau of Fisheries, the International Health Board, and the Carnegie Institute.

In 1938-1939, there is a series of correspondence between Pearse and Duke University President William Preston Few concerning conditions within and lack of support for the Department of Zoology and Pearse's consequent resignation as departmental chair. Series is arranged chronologically.

1921-1944	Box 1
<b>Physical Description:</b> 15 folders	
1945-1960, undated	Box 2
<b>Physical Description:</b> 10 folders	

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### **Subject Files, 1914-1958 and undated**

**Physical Description:** 2 boxes

#### **Scope and Contents note**

The bulk of the subject files reflect Pearse's research interests and his involvement with professional organizations and institutes. Materials include correspondence, memoranda, reports, and hand-written notes. Prominent subjects include research and staffing at the Beaufort Marine Lab, his work for Ecological Monographs, his 1926 tenure at the London School of Hygiene and Tropical Medicine, the National Science Foundation, and numerous zoological and ecological research topics.

Anemotropism, Rheotropism, Geotropism, undated	Box 2
Animal behavior:	
1928-1929	Box 2
1931-1938	Box 2

Beaufort, plan for resident investigator, undated	Box 2
Beaufort research, 1932-1941	Box 2
Bibliographies, undated	Box 2
Bimini, 1948-1949	Box 2
Biological data handbook, 1948-1949	Box 2
Carnegie Institute of Washington, 1928-1933	Box 2
Chemical senses, 1934, undated	Box 2
Cockroaches, 1937-1938	Box 2
Color, 1936-1937, undated	Box 2
Duke University committees, undated	Box 2
Ecological Monographs abstracts, 1930-1948	Box 2
Ecological Monographs, 1931-1951	Box 2
Eustylochus, undated	Box 2
Fish anatomy, undated	Box 2
<b>Physical Description:</b> 2 folders	
Fishes, undated	Box 2
Forest identifications, 1942-1943	Box 2
Hell's Bells, undated	Box 2
Homoeothermic animals, undated	Box 2
Hearing, undated	Box 2
Hygiene, 1931, undated	Box 2
Identifications, 1931-1932	Box 2
India, 1929-1932, undated	Box 2
Insects and disease, undated	Box 2

International Health Board, Rockefeller Foundation, 1925-1926	Box 2
Japan, 1928-1931	Box 3
Lasioderma, 1928-1929	Box 3
Lecture notes, undated	Box 3
Light, undated	Box 3
London: 1930, undated	Box 3
School of Hygiene and Tropical Medicine, 1926	Box 3
British Army School of Hygiene [lecture and lab notes], 1926	Box 3
<b>Physical Description:</b> 2 folders	
Maya, 1931-1937	Box 3
Maine, 1933-1934	Box 3
Methods, 1930, undated	Box 3
Migration from Ocean, 1930, undated	Box 3
Mind development, undated	Box 3
Mind experiments, undated	Box 3
Misaki, 1926-1929	Box 3
Miscellaneous, 1936-1958, undated	Box 3
National Science Foundation: Advisory Committee to Biological Science Division, 1952, undated	Box 3
Biological and Medical Sciences Advisory Panel, 1952 Oct. 17	Box 3
<b>Physical Description:</b> 2 folders	
Nervous system, 1932, undated	Box 3

Notes-Abstracts, [ca. 1920s-40s] <b>Physical Description:</b> 4 folders	Box 3
Notes on soil, 1937-1950	Box 3
Parasitology, 1933, 1938, undated <b>Physical Description:</b> 2 folders	Box 3
Phylum, 1952	Box 3
Printed material and clippings, [ca. 1940s-1950s]	Box 3
Problems, undated	Box 3
Protozoa, undated	Box 3
Research grant material, 1949-1953, undated	Box 3
Research proposals, 1926, 1931, undated <b>Physical Description:</b> 2 folders	Box 3
Salamanders, 1929-1931	Box 3
Sand beaches, 1929-1931	Box 3
Siam, 1929-1933	Box 3
Snails, 1951-1952	Box 4
Speeches and lectures, notes, 1927-1939	Box 4
Spatial temperature, undated	Box 4
Stylochus inimicus, undated	Box 4
Systematic, 1925	Box 4
Systematics (reading), undated	Box 4
Tortugas, 1928, 1931-1933, undated <b>Physical Description:</b> 2 folders	Box 4
Touch, undated	Box 4
Turtles, 1914-1933	Box 4

Tropical medicine and parasitology, 1933	Box 4
The Tropics, 1929, undated	Box 4
Vitae, undated	Box 4
Vitalism, 1932, undated	Box 4
Worm commensals, 1927	Box 4
Worms in F.W., 1927, undated	Box 4
Zoological drawings and maps, undated	Box 4
Zoological Journal Club, 1928-1934	Box 4
<b>Physical Description:</b> 4 folders	
Zoology (lecture notes), 1914-1924	Box 4

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## **Graduate Students, 1917-1948**

### **Scope and Contents note**

This small series contains correspondence concerning graduate student research and thesis progress, plans of work, assigned reading lists, dissertation abstracts, and records of courses completed. Material is arranged alphabetically by student's name.

Altland-Young, 1917-1948	Box 4
<b>Physical Description:</b> 4 folders	

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## **Manuscripts, 1923-1952 and undated**

**Physical Description:** 1.25 boxes

### **Scope and Contents note**

Series contains manuscripts of essays, monographs, and textbooks written by Pearse during his professional career, including reprint editions of *Animal Ecology* and various working drafts of *The Migration of Animals from Sea to*

Land. Also present is an undated manuscript of a textbook written by Pearse's colleague B. Cunningham.

Adventure, 1942, 1948	Box 4
Animal Ecology: Text, 1950	Box 4
<b>Physical Description:</b> 4 folders	
Text, 1950	Box 5
<b>Physical Description:</b> 3 folders	
Tables and bibliography, 1950	Box 5
Bibliography and figures, 1950	Box 5
Beaches, undated	Box 5
Bimini, 1948	Box 5
Biota of the Reefs off the Carolinas, with Louis Williams, 1949	Box 5
Cunningham, B., textbook, undated	Box 5
Ecology in the Twentieth Century, undated	Box 5
Emigration of Animals from the Sea, undated	Box 5
Migration of Animals: Introduction, 1923-1929	Box 5
Routes, 1950-undated	Box 5
Causes, undated	Box 5
Changes, undated	Box 5
Ends, undated	Box 5
The Migrations of Animals from Sea to Land, [ca. 1950s]	Box 5
The Migration of Animals from Sea to Land, [Chinese], 1937	Box 5
Miscellaneous writings, undated	Box 5

Parasitic Crustaceans from Alligator Harbor, Florida, 1952	Box 5
Parasitic Crustacea from the Gulf of Mexico, 1951	Box 5
Some Observations on the Land Snails in the Duke Forest, undated	Box 5
Stability, undated	Box 5

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### **Course Material, 1905-1923 and undated**

**Physical Description:** .25 boxes

#### **Scope and Contents note**

Series contains material relating to courses taught by Pearse and includes laboratory guides, exercises, and techniques; lecture notes and outlines; lists of manuals, supplies, equipment, and specimen dealers; field trip locations, itineraries, and notes; and ruminations on pedagogical theory with inclusive dates 1905-1923. Most of the material is undated, however, all of the material relates to courses at the University of Wisconsin-Madison where Pearse taught from 1912-1927.

Field trips, undated	Box 6
Lab and lecture outlines:	
Zoology 161, undated	Box 6
Zoology 18a, undated	Box 6
Zoology, 120, undated	Box 6
Miscellaneous, undated	Box 6
Printed material, 1905, undated	Box 6
Teaching of Zoology (teacher's course), 1923	Box 6

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### **Lab and Field Notebooks, 1904-1952**

**Physical Description:** .75 boxes

**Scope and Contents note**

Series contains field notebooks created by Pearse on research trips and in laboratory work with inclusive dates 1904-1952. Titles are taken from the originals.

Beginning with his graduate work at Harvard University, the notebooks document the eclectic research interests, career, and travels of Pearse throughout his professional life. Content ranges widely, from notes and statistics on local flora, fauna, and animal life to notes on local peoples and culture. Arrangement is chronological.

Complementing the notebook entries are the images in the Photographic Materials series, taken to document the travels and projects.

Laboratory work in Paleontology with Prof. R.T. Jackson, 1904 Oct.1-1905 Jan. 25	Box 6
Comparative Histology under Prof. G.H. Parker, 1904 Oct. 1-1905 3 Jan.	Box 6
Studies on the Anatomy of Glossiphonia Stagnalis, [ca. 1904-1905]	Box 6
Fiddler wasp's nest, 1912 July	Box 6
Chaetopterus Commensal: Isopoda, 1914	Box 6
General field notebook, 1916-1919 <b>Physical Description:</b> 2 notebooks	Box 6
Windota, etc., 1916 April-Sept.	Box 6
Wingra, 1916 April-1917 March	Box 6
Lakes on Oconomouac and Fox Rivers, 1917 Aug.-Sept.	Box 6
Lake Valencia, specimens, 1918 July-Aug.	Box 6
Lake Valencia, 1918 July-Aug.	Box 6
Tagging, 1919, 1922 <b>Physical Description:</b> 2 notebooks	Box 6
Green Lake, 1919	Box 6

Lake Pepia, 1920 June 19-July 14	Box 6
Sturgeon Bay, Wisconsin, 1920 July 17-Aug. 5	Box 6
Lake Geneva, 1920 Aug. 7-Aug. 25	Box 6
Mandota, 1921 May 24-1922 Sept. 5	Box 6
Lagos, Nigeria, 1926	Box 6
Yaba Yellow Fever Laboratory, Lagos, Nigeria, 1926	Box 6
Duke Forest, 1927-1933	Box 6
Beaufort, 1928	Box 6
<b>Physical Description:</b> 3 notebooks	
Beaufort, fieldwork, 1928	Box 6
Japan, 1929 March-Sept.	Box 6
Aburatsuko (Misaki), Japan, 1929 March-Sept.	Box 6
Tortugas, 1928 July-Aug.	Box 6
Reminders, 1930	Box 6
Foochow, 1930 April	Box 6
Siam, 1930 May-June	Box 6
India, 1930 June-Aug.	Box 6
Tortugas, 1931 June-Aug.	Box 6
<b>Physical Description:</b> 2 notebooks	
Avenido Joaquin Ancona, 1932	Box 6
<b>Physical Description:</b> 2 notebooks	
Beaufort, 1934 March-July	Box 6
Maine, North Carolina, Florida, 1934 July 20-1935 Oct. 15	Box 6

Florida, 1935 Oct.-1936 April <b>Physical Description:</b> 2 notebooks	Box 6
Yucatán, 1936 June-Aug.	Box 6
General, 1937 March 31-1942 Jan. 7	Box 6
Beaufort, 1938 June-Aug. <b>Physical Description:</b> 3 notebooks	Box 6
Beaufort, Maine, Canada, 1938 June-Sept.	Box 6
Beaufort (U.S. Bureau of Fisheries), 1939 June	Box 6
Doswell S. Edwards, 1940 Aug. 15-1945 Aug. 25 <b>Physical Description:</b> 5 notebooks	Box 6
Beaufort (U.S. Bureau of Fisheries), 1941 May 28-1941 Sept. 11 <b>Physical Description:</b> 2 notebooks	Box 6
General, 1947-1948	Box 6
Duke Forest/Fort Aransas, TX, 1951 Feb. 6-Nov. 17	Box 6
Duke Forest, 1951 Nov. 23-1952 Nov. 25	Box 6
Alligator Harbor, FL, 1952 April-1952 June	Box 6
Henrietta Achtenberg, undated	Box 6

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## **Photographic Material, circa 1911-1953**

### **Scope and Contents note**

Series contains over 2000 photographic items in the form of gelatin silver photographs, safety negatives, digitized nitrate negatives, a few postcards, and glass lantern slides, primarily documenting Pearse's research travels abroad and within the United States from about 1911 to 1953. Locations with the most photographic images are Nigeria and the Yucatán Peninsula, with smaller numbers from the North Carolina coast, Colombia, India, Japan, China, the Philippines, and Venezuela. Images from the early years of the Duke Marine Lab in Beaufort, N.C. are also present, along with some images of other marine

labs. Also present are many prints and negatives of charts, maps, and other illustrations used in Pearse's textbooks.

Photographs of local flora, fauna, and ecosystems include: fish, crabs and other crustaceans, insects, and turtles; geological and ecological settings, particularly relating to freshwater and coastal zones; cenotes (large sinkholes and caves) in the Yucatán; and mixed zones of agriculture and tropical forest.

In addition to scientific research photographs, there are images, particularly those from Nigeria and the Yucatán, documenting local peoples, customs, and activities, with details relating to dress, religious customs, agricultural techniques, food gathering, and the built environment such as walled villages and temples.

Single items of interest include a signed photographic portrait of naturalist and Darwinist T.R.R. Stebbing, circa 1915, and a photograph of a group of men from the Association of American Universities taken by the Bayard Wooten-Moulton studio in Chapel Hill, N.C. sometime before 1954.

**Access Restrictions:**

Access note. Series contains fragile materials in the form of negatives and glass lantern slides. Contact Research Services for access.

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. As a result, nitrate negatives only exist in digital form in this series.

**Photographic prints, 1912-1953**

**Physical Description:** 1 boxes ; Approximately 367 prints

**Scope and Contents**

Titles of folders are taken from Pearse's original envelopes. Sizes range from 1 1/2 x 2 1/2 inches to 4 x 6 inches, with only a few larger prints. Almost all are early black-and-white gelatin silver contact prints derived from nitrate and safety negatives also in the collection. Includes a few postcards, including several showing the interiors of a Japanese medical school, circa 1929-1930.

Association of American Universities, group portrait, 1930s?

Box 7

**Scope and Contents**

Stamp on back: "Wooten-Moulton Photographers, Chapel Hill, NC," refers to Bayard Wooten photography studio.

Beaufort Marine Lab, 1938	Box 7
Blackbeard Island, N.C., circa 1930s	Box 7
Burma, 1929-1930	Box 7
Colombia, 1913	Box 7
Duke Forest, 1934	Box 7
India, 1929-1930	Box 7
Japan: Kyoto Medical School postcards and flyer in Japanese, circa 1929	Box 7
Maps, charts, and illustrations, circa 1930s-1950s	Box 7
Massachusetts, 1912-1913	Box 7
Nigeria, 1926	Box 7
<b>Physical Description:</b> 2 folders	
Philippine Islands, circa 1929	Box 7
People, circa 1915, circa 1930, 1953	Box 7
<b>Scope and Contents</b>	
Pearse's wife, Mary Lehmer Pearse; colleagues David and Nelle Causey (biologist and zoologist, respectively); and a signed portrait mounted on cardstock frame, circa 1915, of T.R.R. (Thomas Roscoe Rede) Stebbing (1835-1926), naturalist and supporter of Darwinism.	
Port Aransas, University of Texas Institute of Marine Science, circa 1951	Box 7
Siam, 1929-1930	Box 7
Tortugas, 1931	Box 7
Unidentified, undated	Box 7

**Scope and Contents**

Most of these loose images are from the same locations as other identified prints.

Venezuela, 1918	Box 7
Yucatán, 1934, 1936	Box 7
Yucatán (caves), 1934, 1936	Box 7

### **Glass-plate lantern slides, circa 1911-1936**

**Physical Description:** 4 boxes

**Scope and Contents note**

Subseries contains glass lantern slides (positive images) in 3 1/4 x 4 1/4 and 4 x 5 inch formats, used by Pearse in lectures and presentations. Also present are images of maps, graphs and charts, illustrations, and photos taken from other published works. Subjects are the same as the photographic prints and negatives, and often may be duplicative.

**Access Restrictions:**

Access note. Fragile materials in the form of glass lantern slides. Contact Research Services for access.

<b>3 1/4 x 4 1/4 Slides</b>	
Miscellaneous, undated	Box 8a
Crabs, undated	Box 8a
Oysters, undated	Box 8a
Unidentified locations, undated	Box 8a
Teaching slides, undated	Box 8a
Teaching slides, undated	Box 8b
<b>3 1/4 x 4 1/4 Slides</b>	
Teaching slides, undated	Box 9a
Panama, undated	Box 9a
Japan, circa 1930	Box 9b
Yucatan, 1934-1936	Box 9b
India, 1929	Box 9b
St. Louis, MO, 1911-1912	Box 9b

Madison, WI, undated	Box 9b
Bahama Islands, undated	Box 9b
Miscellaneous, undated	Box 9b
<b>3 1/4 x 4 1/4 Slides</b>	
Colombia, 1913	Box 10a
Africa, 1926	Box 10a
Africa, 1926	Box 10b
Massachusetts, 1912-1913	Box 10b
Philippine Islands, Manila, circa 1929	Box 10b
Philippine Islands, circa 1929	Box 10b
Miscellaneous, undated	Box 10b
<b>3 1/4 x 4 1/4 and 4 x 5 Slides</b>	
Siam, 1929-1930	Box 11a
Sturgeon Bay, WI, 1920	Box 11a
Tortugas, 1931	Box 11a
Columbia, 1913	Box 11a
Japan, 1929-1930	Box 11b
Teaching slides, undated	Box 11b

### **Safety and digitized nitrate negatives, approximately 1911-1950s**

#### **Access Restrictions:**

Access note. Series contains fragile photographic materials in the form of sheet film negatives. Digital access copies are available. Contact Research Services for more information.

#### **Scope and Contents**

Most of the over 1200 negatives in this series were developed with Kodak nitrate sheet film marked as such with notch codes as well as edge printing. There are roughly double the number of negatives as there are prints, thus there are many images not found in paper print format. The most typical

sizes are 2 1/4 x 3 1/4 and 4 x 5 inches. About half of the negatives have captions and some dates written on their edges.

As with the prints, the largest series are from Nigeria and the Yucatán, with about 200 images each; there are also substantial groups from coastal North Carolina, Alabama, Florida, Colombia, China, Japan, the Philippines, India, Thailand, the Tortugas, and Venezuela.

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. As a result, nitrate negatives only exist in digital form in this subseries.

Africa (Nigeria), 1926 (online item available) Box 12

**Physical Description:** 190 items ; safety negatives

**Digital Object:** [Africa \(Nigeria\)](#)

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Alabama, 1925 (online item available) Box 12

**Physical Description:** 34 items ; safety negatives

**Digital Object:** [Alabama](#)

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Albatross Reefs [Australia?], 1929-1930?  
(online item available) Box 12

**Physical Description:** 8 items ; safety negatives

**Digital Object:** [Albatross Reefs \[Australia?\]](#)

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Assorted: Lerner Marine Lab [Bimini, Bahamas]; passengers on the S.S. Metapan (1913); sand dunes, Millers, Indiana; Salisbury Cave [Connecticut?], 1913 (online item available) Box 12

**Physical Description:** 11 items ; safety negatives

**Digital Object:** [Assorted: Lerner Marine Lab \[Bimini, Bahamas\]; passengers on the S.S. Metapan \(1913\); sand dunes, Millers, Indiana; Salisbury Cave \[Connecticut?\]](#)

**Scope and Contents**

Includes an original envelope marked "Deck passengers on S.S. Metapan, June 29, 1913." The Metapan was a United Fruit Company banana boat which also carried passengers. A year later, it was accidentally hit and sunk by the S.S. Iowan.

Beaufort, NC, 1936-1938 (online item available) Box 12

**Physical Description:** 54 items ; safety negatives

**Digital Object:** [Beaufort, NC](#)

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Burma and China, 1929-1930 (online item available) Box 12

**Physical Description:** 36 items ; safety negatives

**Digital Object:** [Burma and China](#)

---

Colombia, 1913 (online item available)  
**Physical Description:** 17 items ; digitized nitrate negatives

**Digital Object:** [Colombia](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Duke Forest, 1934 (online item available)  
**Physical Description:** 4 items ; digitized nitrate negatives

**Digital Object:** [Duke Forest](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

England, approximately 1926 (online item available)  
**Physical Description:** 9 items ; digitized nitrate negatives

**Digital Object:** [England](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Florida, 1930s (online item available)  
**Physical Description:** 45 items ; digitized nitrate negatives

**Digital Object:** [Florida](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

India, approximately 1929-1930 (online item available) Box 12

**Physical Description:** 1 items ; safety negatives

**Digital Object:** [India \(2 of 2\)](#)

**Digital Object:** [India \(1 of 2\)](#)

---

India, 1929-1930  
**Physical Description:** 72 items ; digitized nitrate negatives

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Japan, approximately 1929-1930 (online item available) Box 12

**Physical Description:** 1 items ; safety negative

**Digital Object:** [Maps, charts, and illustrations: safety negatives \(2 of 2\)](#)

**Digital Object:** [Japan](#)

---

Japan, 1929-1930  
**Physical Description:** 53 items ; digitized nitrate negatives

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Maine, 1930s (online item available)  
**Physical Description:** 8 items ; digitized nitrate negatives

**Digital Object:** [Maine](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Maps, charts, and illustrations: safety negatives, 1930s-1940s (online item available) Box 13

**Physical Description:** 10 items ; safety negatives, folder 1 of 3

**Digital Object:** [Maps, charts, and illustrations: safety negatives \(1 of 2\)](#)

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Maps, charts, and illustrations: safety negatives, 1930s-1940s (online item available) Box 13

**Physical Description:** 5 items ; safety negatives, folder 2 of 3

**Digital Object:** [Maps, charts, and illustrations: safety negatives](#)

Maps, charts, and illustrations: safety  
negatives, 1930s-1940s (online item available)

Box 13

**Physical Description:** 52 items ; safety negatives, folder 3 of 3

**Digital Object:** [Maps, charts, and illustrations: safety negatives](#)

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Maps, charts, and illustrations (nitrate),  
1930s-1940s (online item available)

**Physical Description:** 63 items ; digitized nitrate negatives, set 1 of 3

**Digital Object:** [Maps, charts, and illustrations \(nitrate\)](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Maps, charts, and illustrations (nitrate),  
1930s-1940s (online item available)

**Physical Description:** 94 items ; digitized nitrate negatives, set 2 of 3

**Digital Object:** [Maps, charts, and illustrations \(nitrate\)](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Maps, charts, and illustrations (nitrate),  
1930s-1940s (online item available)

**Physical Description:** 4 items ; digitized nitrate negatives, set 3 of 3

**Digital Object:** [Maps, charts, and illustrations \(nitrate\)](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Passport pictures (Pearse), approximately  
1911 (online item available)

**Physical Description:** 15 items ; digitized nitrate negatives

**Digital Object:** [Passport pictures \(Pearse\)](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Philippine Islands, approximately 1911-1912  
(online item available)

**Physical Description:** 9 items ; digitized nitrate negatives

**Digital Object:** [Philippine Islands](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

**Scope and Contents**

Date extrapolated from Pearse's teaching position at the University of the Philippines in 1911.

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Port Aransas, University of Texas Institute of Marine Science, approximately 1951 (online item available)

Box 13

**Physical Description:** 16 items ; safety negatives

**Digital Object:** [Port Aransas, University of Texas Institute of Marine Science](#)

**General**

Date derived from field notebook dates and article published in 1952 by Pearse in the Institute's Journal on fauna of the area.

---

Siam [Thailand], approximately 1929-1930 (online item available)

**Physical Description:** 99 items ; digitized nitrate negatives

**Digital Object:** [Siam \[Thailand\]](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

---

Sturgeon Bay, Wisconsin, 1920 (online item available)

**Physical Description:** 1 items ; digitized nitrate negatives

**Digital Object:** [Sturgeon Bay, Wisconsin](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

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Tortugas [Florida], 1931 (online item available)

**Physical Description:** 51 items ; digitized nitrate negatives

**Digital Object:** [Tortugas \[Florida\]](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

Unidentified images, 1910s-1940s (online item available)

Box 13

**Physical Description:** 2 items ; safety negatives

**Digital Object:** [Unidentified images](#)

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Unidentified images, 1910s-1940s (online item available)

**Physical Description:** 81 items ; digitized nitrate negatives

**Digital Object:** [Unidentified images](#)

**Scope and Contents**

The subjects of these unidentified negatives found loose or in unlabeled envelopes, are similar to negatives in other series, and are related to A.S. Pearse's major expeditions. There are also a few photographs of A.S. Pearse taken on the Duke University campus, including one of a small group of men and women on the steps of Duke Chapel. A few have captions, such as "Fort Fisher, 1933." One original envelope is also present with a few notes but without an identified location.

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

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Venezuela, 1918 (online item available)

**Physical Description:** 45 items ; digitized nitrate negatives

**Digital Object:** [Venezuela](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025. Digital access copies are available.

---

Yucatán, 1934, 1936 (online item available)

**Physical Description:** 68 items ; digitized nitrate negatives, set 1 of 2

**Digital Object:** [Yucatán](#)

**Scope and Contents**

There are many images of temples and other ruins in this series on the Yucatán Peninsula. A handful of negatives bear location captions, which appear as Ixil Cenote, Xtoloc, Santa Ana Cenote, Cerro Isla, Tizamin, Motul, Mukuyche Cenote, Calcetok, Dzadz Cenote, and others; the modern spellings may differ significantly from these labels.

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

---

Yucatán, 1934, 1936 (online item available)

**Physical Description:** 94 items ; digitized nitrate negatives, set 2 of 2

**Digital Object:** [Yucatán](#)

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

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Yucatán (caves), 1930s (online item available)

**Physical Description:** 8 items ; digitized nitrate negatives

**Digital Object:** [Yucatán \(caves\)](#)

**Scope and Contents**

Although this original folder was labeled "Yucatán (Caves)," there are many images of the caves, or cenotes, in the other folders of Yucatán negatives.

**Processing Information:**

Original nitrate negatives were digitized and deaccessioned in May 2025.  
Digital access copies are available.

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