



National Museum of Health and Medicine

Otis Historical Archives

OHA 79 Photomicrograph Collection

Date of Records: 1860s-1870s

Size: 4 cubic feet, 3 boxes

Finding aid by: Eric W. Boyle (2012)

Access and Use: The Otis Historical Archives is committed to providing open access to its collections as far as possible within the limits of privacy and confidentiality. Access to this collection is at the discretion of the Otis Historical Archives and material contained within the records may be subject to review before access is granted.

Series/Scope and Content Note: This collection contains nineteenth-century pathological photomicrographs made at or donated to the Museum. Many are bound in volumes. Many were taken by Joseph J. Woodward (head of the Museum's Medical and Microscopic Sections, see Woodward Collection), or were completed under his supervision. Woodward, with the assistance of Assistant Surgeon Dr. Edward Curtis, did pioneer work in the photographing of objects visible only under the microscope, using an apparatus largely of their own devising. The early work in photomicrography was described in a report to the Surgeon General, which can be found in Box 001, Folder 00001. Some of the images were also displayed at the Philadelphia Exposition of 1876 and used in the *Medical and Surgical History of the War of Rebellion*. Images include insects, algae, fungi, and pathological conditions studied in animals.

BOX AND CONTENT LIST

Box 001:

- 00001: Report to the Surgeon General on an Improved Method of Photographing Histotological Preparations by Sunlight, by J.J. Woodward
- 00002: Arachnoidiscus Ehrenbergii—Includes Negative No. 882
- 00003: Amphipleura Pellucida—Negative Nos. 582 and 1051



- 00004: Groups of Nobert's Lines—Negative Nos. 163, 167, 170 and 171
- 00005: Mosquito and Gnat Scales—Negative Nos. 766 and 771
- 00006: A Large Oxalate of Lime Urinary Calculus—Photographs Nos. 183 and 184
- 00007: Red Blood Corpuscle of Frog—Negative No. 248
- 00008: Insects
- Negative No. 403: Head of Tapeworm
 - Negative No. 505: Soldier Beetle
 - Negative No. 575: Hog Louse
 - Negative No. 501: Tail of Mosquito
 - Negative No. 573: Head of Beetle
 - Negative No. 579: Crab Louse
 - Negative No. 570: Buccal Organs of Spider
 - Negative No. 585: Burrowing Beetle
 - Negative No. 452: Head Louse
 - Negative No. 573: Clawed Water Beetle
 - Negative No. 529: Acarus of Bat
 - Negative No. 500: Abdominal Segment of Mosquito
 - Negative No. 365: Small Artery and Capillaries from Leg of Frog
 - Negative No. 506: Head of Soldier Beetle
 - Negative No. 504: Anterior Part of Burrowing Beetle
 - Negative No. 522: Parasite of Fly
 - Negative No. 571: Belted Wasp Fly
 - Negative No. 504: Sailor Beetle
 - Negative No. 574: Saw Fly
 - Negative No. 526: Young Spider



00009: Duplicates of Items in Boxes 002-003

Negative No. 1077: Pseudo-Polypus of the Colon, D

Negative No. 1082: Pseudo-Polypus of the Colon, E

Negative No. 1078: Pseudo-Polypus of the Colon, G

Negative No. 1081: Pseudo-Polypus of the Colon, I

Negative No. 645: Frustalia Saxonica

Negative No. 423: Grammatophora Marina

Negative No.842: Test Podura Scale

Negative No. 814: Benus Lake Rhomboides

Negative No. 179: Portion of Pleurosigma Angulatum

Negative No. 681: Perpendicular Section of Colon

Box 002:

00001: Actinoplychus Heliopelta—Negative Nos. 397 and 878

00002: Grammatophora Marina—Negative No. 723

00003: Triceratium Fibriatum—Negative Nos. 389 and 453

00004: Coscinodiscus from Nottingham Earth—Negative Nos. 274 and 480

00005: Portion of Pleurosigma Fromosum—Negative No. 306

00006: Test Podura Scale—Negative Nos. 346 and 842

00007: Navicula Lyra—Negative No. 721

00008: Novicula Rhomboides, Showing Heads—Negative Nos. 489 and 795

00009: Benus Lake Rhomboids—Negative No. 814

00010: Portion of Pleurosigma Angulatum—Negative Nos. 179 and 953

00011: Triceratium Favus—Negative No. 324

00012: Frustulia Saxonica—Negative Nos. 459, 460, 580, 645, and 762



Box 003:

- 00001: Invasion of Muscle by Cancer—transverse section (No. 5862 Mic. Sec., Negative No. 668)
- 00002: Air Vesicle Filled with new Elements From a Cow Dead of Pleuro-pneumonia—Negative
No. 352
- 00003: Section of Nearly Healthy Lung From a Cow Dead of Pleuro-pneumonia—Negative No.
350
- 00004: Section of Pericardium From a Cow Dead of Pleuro-pneumonia—Negative No. 354
- 00005: Section of Enlarged Lymphatic Gland From a Cow Dead of Pleuro-pneumonia—Negative
No. 358
- 00006: Section Through Tubercular Nodule From a Cow Dead of Pleuro-pneumonia—Negative
No. 356
- 00007: Section of Inflamed Adipose Tissue From a Cow Dead of Pleuro-pneumonia—Negative
No. 353
- 00008: Bacterium From Bile of Ox Affected with Splenic or Texas Fever—AFIP Negative No.
103037
- 00009: Mycelium with Sporangical Dilatations Developed From Blood of Ox—AFIP Negative No.
103032
- 00010: Pseudo-Polypus of the Colon—D and E—Negative Nos. 1077 and 1082
- 00011: Pseudo-Polypus of the Colon—G and I—Negative Nos. 1078 and 1081
- 00012: Perpindicular Section of Colon—Negative No. 681
- 00013: Fibromyoma—with 20 Related Images
- 00014: Hyaline Degeneration of Arter—with 12 Related Images
- 00015: Section Through Tubercular Nodule on Pleura of a Cow—Negative Nos. 355 and 357
- 00016: Photomicrographic Negatives