A guide to the papers of Charles Otis Whitman (1842-1910)
Marine Biological Laboratory
Woods Hole, MA 02543

Archives of the Marine Biological Laboratory
7 MBL Street
Woods Hole, MA 02543
January 14, 2016

MC-MBL-Whitman
2006-12

Manuscript Collection MBL
(Two 12”x5” boxes)

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BIOGRAPHICAL INFORMATION

Whitman was an embryologist and morphologist, a pioneer in the field of ethology, and founder of the *Journal of Morphology*. He attended the Anderson School of Natural History in 1873 and 1874 and was influenced by that experience and the school’s director Louis Agassiz. He continued his studies at Stazione Zoologica under Anton Dohrn, and then at the University of Leipzig under Rudolf Leuckart, where he completed his Ph.D in 1878. Two years at the Imperial University of Tokyo broadened his experience even more. After a couple of more moves, Whitman finally settled at the University of Chicago in 1892.

Whitman was the first director of the Marine Biological Laboratory, from 1888-1907. Along with Frank Lillie, he started the MBL Embryology course in 1893. He served as a trustee from 1908-1909.

ARRANGEMENT

The Whitman papers were originally part of a sequentially-numbered series of manuscript boxes, the first two boxes and a small pile being the papers of Charles Whitman. Papers were left in their original order. Materials are cataloged to the item level.
SCOPE AND CONTENT

The collection covers the time just before and during Whitman’s term as director of the MBL. The papers include correspondence in one box, and publications and reprints in the second.

RELATED RESOURCES

The University of Chicago maintains a collection of Charles O. Whitman papers in the Special Collections Research Center, University of Chicago Library. A finding aid is http://www.lib.uchicago.edu/e/scrc=findingaids/view.php?eadid=ICU.SPCL.WHITMAN CO.
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A. Correspondence

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I A 1.3. C.O. Whitman

I A 1.4. C.O. Whitman
  telegram to E.G. Conklin, June 1897, (Chicago)

I A 1.5. C.O. Whitman
  letter to E.G. Conklin, Jan. 23 (1900?) Chicago, mss., 1 p.

I A 1.6. C.O. Whitman

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I A 1.17. C.O. Whitman
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I A 1.25. C.O. Whitman

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I A 1.27. C.O. Whitman

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Bibliography, 3 titles, printed, cut out (1893, n.d.), with mss. notes
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I A 1.34. C. O. Whitman
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I A 2.40. C. O. Whitman

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I A 2.43. C. O. Whitman
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I A 2.44. C. O. Whitman
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I A 2.45. C. O. Whitman
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I A 2.48. C. O. Whitman,
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I A 2.53. C. O. Whitman
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I A 2.54. C. O. Whitman
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I A 2.60. C. O. Whitman

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I A 2.65. C. O. Whitman
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I A 2.66. C. O. Whitman
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I A 2.71. C. O. Whitman
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I A.2.72. Ginn & Company announcement of Zoological Bulletin

I A 2.73. C. O. Whitman and W. M. Wheeler; Announcement of plans for Zoological Bulletin and request to use recipient's name as one of collaborators; nd.

I A 2.74. C. O. Whitman, Jacques Loeb and Frank R Lillie; Invitation to MBL Trustees for dinner; nd.

I A 2.75. C. O. Whitman; Xerox of first page of letter to Anton Dorn; Wood's Holl; Sept 2, 1897.
I.A.3.1. Whitman, C. O.
Notes and arguments on review of *Vitality and Organization*
by Dr. Edmund Montgomery; 1904; ms.; 6 pp.

I.A.3.2. Whitman, C. O.
Essay on "when the present century ends"; ms.; December 14-15, (1899); 6 pp.

I.A.3.3. S. G. Nieralt (?)
Letter to C. O. Whitman; London; May 23, 1896; ms.; 1 p.

I.A.3.4. William Stanley
Letter to C. O. Whitman; (white crow for sale); Illinois;
Jan. 8, 1904; ms.; 4 pp.

I.A.3.5. Mark W. Harrington, President, Univ. of Wash.
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I.A.3.6. Norman Gould (?)
Letter to C. O. Whitmen; (Congratulations on Helen Culver gift)
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I.A.3.7. N. E. Dolbar
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December 22, 1895; ms.; 1 p.

I.A.3.8. Frank R. Chandler
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1895; 1 p.

I.A.3.9. William E. Rothery
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Los Angelos; December 16, 1895; ms.; 1 p.

I.A.3.10. Sedgwick
Letter to C. O. Whitman; Boston; December 15, 1895; ms.; 2 pp.
(Congratulations, etc.; and raises concern over MBL being overrun by too many non-investigators)

I.A.3.11. Edward G. Gardiner
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(Congratulations, etc.; reply on manner of by-law change; Nunn)

I.A.3.12. T. C. Chamberlin, Head of Geology Dept., Univ. of Chicago
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I.A.3.13. George W. Peckham, Superintendent of Milwaukee Public Schools
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Letter to C. O. Whitman; Bloomington, Indiana; December 15, 1895;
ms.; 1 p. (Congratulations, etc.; invitation to come to Indiana
I.A.3.15. E. A. Birge, Dean of University of Wisconsin
Letter to C. O. Whitman; Madison, Wisconsin; December 15, 1895; 
1 p. (Congratulations)

I.A.3.16. Francis H. Herrick
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(Congratulations

I.A.3.17. E. B. Wilson
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1 p. (Society of Morphologists, Congratulations, etc.)

I.A.3.18. Henry F. Osborn
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(Congratulations)

I.A.3.19. A. F. Nightingale, Chicago Superintendent of Schools
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(Congratulations)

I.A.3.20. Henry F. Nachtrieb, Professor of Animal Biology
Letter to C. O. Whitman, Minneapolis, Minnesota; December 16, 
1895; ms.; 1 p. (Congratulations)

I.A.3.21. Charles S. Minot
Letter to C. O. Whitman, (Boston); December 17, 1895; ms.; 1 p. 
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I.A.3.22. George L. Mattison (?)
Postal card to C. O. Whitman; Ithaca, N.Y.; December 17, 1895; 
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I.A.3.23. Edward G. Gardiner
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I.A.3.24. Harriet Bill Merrill
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I.A.3.25. H. C. Bumpus
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I.A.3.26. Prof. H. L. Russell
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I.A.3.27. J. McKeen Cattell
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I.A.3.28. Prof. Henry B. Ward
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1 p. (C. J. Elmore recommendation plus congratulations)

I.A.3.29. Marcella I. O'Grady
Letter to C. O. Whitman; Vassar; January 12, 1896; 1 p. (Congratulations)
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I B 1.2. Whitman, C. O. and Eycleshymer, A. C.; The Egg of Amia and Its Cleavage; J. Morph., v.12; 1896
CHARLES OTIS WHITMAN PAPERS

I B Whitman Publications and Reprints

Folder #2


I B 2.2a Whitman, C.O., Draft of report on Nature/Study Course at MBL; (1900??) incomplete, mss. 3pp.


I B 2.2c Whitman, C.O., Draft of report on Nature/Study Course at MBL, including list of teachers for course, mss. 12pp.

I B 2.3. Whitman, C.O., Article on Natural History work at the MBL (typed copy) (incomplete, n.d.) 1p.

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| I B 3.1 | Whitman, C.O.; A New Species of Branchiobdella; Zool. Anz.; 1882 No. 126 (Reprint) |
| I B 3.2 | Whitman, C. O., Editor; Drawing Apparatus of Professor His; Am. Nat., v.17; pp. 227-229; Feb., 1883. |
| I B 3.3 | Whitman, C. O., Editor; The Use of Chloroform Preparatory to Imbedding in Paraffine; Am. Nat., v. 17; pp. 345-346; March, 1883. |
| I B 3.4 | Whitman, C. O., Editor; Preparation of Marine Algae; v. 17, pp. 456-458; April, 1883. |
| I B 3.5 | Whitman, C.O., Editor; Method of Putting Pelagic Animals to Sleep in Order to Obtain Their Photographs; Am. Nat., v.17; May., 1883. |
| I B 3.6 | Whitman, C. O., Editor; Frenzel's Method of Fixing Sections on a Slide; v. 17, pp. 805-807; July, 1883 |
| I B 3.7 | Whitman, C. O., Editor; Rose Bengale in Combination with Iodine Green and Blue de Lyon; Double Staining with Aniline Dyes; Threlfall's Method of Fixing Sections; Am. Nat.; v. 17, pp.900-903; Aug., 1883. |
| I B 3.8 | Whitman, C. O., Editor; Thoma's Sliding Microtome; Am. Nat.; v. 17, pp. 992-998; Sept., 1883. |
| I B 3.10 | Whitman, C. O., Editor; Treatment of Pelagic Fish Eggs; Am. Nat. v. 17, pp. 1204-1205; Nov., 1883. |
| I B 3.11 | Whitman, C. O., Editor; Recent Improvements in Section Cutting The Section-Smoother Devised by Mayer, Andres, and Giesbrecht; The Registering Micrometer Screw; The New Object-Holder; An Improvement in the Carriers; Type-metal Boxes for Imbedding; Am. Nat.; v. 17, pp. 1311-1316; Dec., 1883. |
I B 3.14. Whitman, C. O., Editor; Collodion as a Fixative for Microscopical Sections; Born's Method of Re-constructing Objects from Microscopic Sections; Am. Nat., v. 18; pp. 445-448; Apr., 1884.

I B 3.15. Whitman, C. O., Editor; Methods of Studying the So-called Liver of the Crustacea; A New Section-Flattener; Methods of Preparing Alcyonaria; Perenyi's Fluid; Am. Nat., v. 18; pp. 556-559; May., 1884

I B 3.16. Whitman, C. O., Editor; Methods of Investigating Animal Cells; Pfitzer's Method of Coloring and Hardening at the Same Time; Filtering Reagent Bottle; Notes on the Use of the Freezing Microtome; Am. Nat., v. 18; pp. 650-653; June, 1884


I B 3.18. Whitman, C. O. Editor; Methods of Imbedding; A Simple Section-Smooth; On the Use of Vaseline to Prevent the Loss of Alcohol from Specimen Jars; Am. Nat., v. 18; pp. 842-845; Aug., 1884.


I B 3.20. Whitman, C.O., Editor; Myrtillus, a New Dye for Animal and Vegetable Tissues; A New Section-Flattener; the Distomian Brood Sac or Sporocyst; The Development of the Jaws Branchiobdella and a Method for Isolating Them; Am. Nat., v.18; pp. 1177-1180; Nov., 1884.

I B 3.21. Whitman, C. O., Editor; Imbedding Apparatus; Treatment of the Ova and Embryos of the Aphides; The Organization of the Echinorhynchi; Am. Nat., v. 18; pp. 1289-1292; Dec., 1884.
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I B 4.2. Whitman, C. O., Editor; Caldwell's Automatic Microtome; Am. Nat., v. 19; Feb., 1885.


I B 4.6. Whitman, C.O., Editor; Mayer's Carbolic Acid Shellac; An Ether Freezing Apparatus; A New Freezing Microtome; AM. NAT., v. 19; pp. 733-736; July, 1885.

I B 4.7. Whitman, C. O., Editor; Some Histological Methods by Dr. C. S. Minot; Am. NAT., v. 19; pp.828-830; Aug., 1885.


I B 4.9. Whitman, C. O., Editor; Treatment of the Eggs of the Spider; the Rocking Microtome; Am. Nat., v. 19; pp. 1021-1025; Oct., 1885

I B 4.10. Whitman, C. O., Editor; A Means of Differentiating Embryonic Tissues; Repairing Balsam Preparations; The Eyes of Annelids; a New Solvent of Chitin; White Zinc Cement; Am. Nat., v. 19; pp. 1134-1139; Nov., 1885.

I B 4.11. Whitman, C. O., Editor; The Alimentary Canal of the Crustacea; Frenzel's Chrome mucilage as a Fixative; Retractile Tentacles of the Pulmonata; Imbedding in Paraffine; Orientation with Small Objects; Box and Warm Bath Combined; Am. Nat., v. 19; pp.1246-1249; Dec., 1885.

I B 4.12. Whitman, C. O., Editor; Eye of Insects; Grenacher's Methods of Preparing the Arthropod Eye; Method of Examining the Reflex in the Compound Eye of Insects; Am. Nat., v. 20; pp. 88-90; Jan., 1886.
I B 4.13. Whitman, C. O., Editor; Natural Injection (Leeches); Methods ofInjecting Annelids; An Injection Mass to be Used Cold; Method of Killing Gephyrea; A Macerating Mixture; Am. Nat., v. 20; pp. 313-316; Mar., 1886.


I B 4.16. Whitman, C. O., Editor; Eyes of molluscs and Arthropoids; Am. Nat., v. 21; pp. 401-404; Apr., 1887.


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I B 4.27. Whitman, C. O., Editor; Eggs of Petromyzon (fragment); Am. Nat., v. 23; p. 188; Mar., 1889.


I B 4.29. Whitman, C. O. Editor; Retina of the Bird; Cell Division; Demonstration of Tonoplast; Preservation of Actiniae; Preparation of Bone and Teeth with Their Soft Parts; Am. Nat., v. 23; pp. 519-521; June, 1889.


I B 4.31. Whitman, C.O. Editor; Demonstration of the Chromosomes; Caryokinetic Figures; Direct Division of the Nucleus; Spermatogenesis in the Hermaphrodite Gland of Limax agrestis; Conjugation in the Infusoria; Am. Nat., v. 24; pp. 984-987; Oct., 1890.


I B 4.33. Whitman, C. O. Editor; Direct Division of the Nucleus in the Enteric Epithelium of Rhabdonema nigrovenosum; Culture of the Larvae of Ascidians, Worms, Echinoderms, Etc.; Preservation of Siphonophora; For Tracing Nerve Fibres in the Brain; New Methods of Staining Nerves with Methylblue; Am. Nat., v.24; pp. 1217-1219; Dec., 1890.

I B 4.34. Whitman, C. O., Editor; Medullated Nerve Fibres; Henneguy's Methods with Pelagic Fish Eggs; Bryozoa; Caryokinesis in Paramaecium; Am. Nat., v. 25; pp. 85-87; Jan., 1891.


I B 4.36. Whitman, C. O., Editor; Gulland's Method of Fixing Paraffine Sections to the Slide; Method of Killing Nematodes for Microtome Sections; Am. Nat., v. 26; pp. 971-972; Nov., 1892.

IB 4.38. Whitman, Editor; Cytotropism of Cleavage Cells; Am. Nat., v. 29; pp. 511–512; May, 1895.


IB 4.40. Whitman, C. O.; Centrosome Problem and an Experimental Test; University Record, 1897.


IB 4.42. Whitman, C. O.; Apathy's Grief and Consolation; Zool. Anz., v. 22; May, 1889.
### CHARLES OTIS WHITMAN PAPERS

#### I B  Whitman Publications and Reprints

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Draft of Trustees Resolution of Confidence in Whitman, 1902; (1)  
Matthews letter to Conklin on purchase of house for Whitman, 1906 |
| 8        | Whitman/Lillie letters re hiring Lillie at Chicago; 1899 - 1900 (23) |
Draft—Evolution and Epigenesis; 1894; 40 pp. |