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William Roger Murchie Papers,  
1954-1967 and undated

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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>	William Roger Murchie Papers
<b>Identifier:</b>	Record Unit 7266
<b>Date:</b>	1954-1967 and undated
<b>Extent:</b>	1.5 cu. ft. (3 document boxes)
<b>Creator::</b>	Murchie, William Roger, 1920-1968
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Record Unit 7266, William Roger Murchie Papers

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## Historical Note

William Roger Murchie (1920-1968) was a biology professor and authority on earthworms. He was educated at Marietta College, A.B., 1942, and the University of Michigan, M.A., 1948, and Ph.D., 1954. His teaching career began at Marietta College where he served as instructor of biology, 1946-1950. In 1954, he was appointed associate professor of biology at Thiel College, where he remained until 1956 when he accepted the position of assistant professor of biology at Flint College, University of Michigan. The rest of his career was spent at Flint College where he was promoted to associate professor in 1958 and professor in 1962. Murchie specialized in the study of the ecology and systematics of earthworms. After his death in 1968, Murchie's collection of earthworms was given to the National Museum of Natural History.

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## Descriptive Entry

These papers document Murchie's research on earthworms and include manuscripts and related materials regarding the preparation and publication of manuscripts and records concerning earthworm collections made by Murchie.

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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:

Invertebrate zoology.  
Invertebrates  
Zoologists  
Zoology

Types of Materials:

Manuscripts

Names:

Flint College  
Marietta College  
Murchie, William Roger, 1920-1968.  
National Museum of Natural History (U.S.)  
Thiel College  
University of Michigan

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## Container Listing

### Series 1: MANUSCRIPTS AND RELATED MATERIALS, 1954-1967, AND UNDATED. ARRANGED CHRONOLOGICALLY.

This series consists mostly of manuscripts of William Roger Murchie. Also included are texts of speeches, rough drafts, drawings, photographs, and correspondence concerning the publication of the manuscripts.

#### Box 1

- Box 1 of 3 Folder 1 "Survey of the Michigan Earthworm Fauna," 1954. Manuscript, draft and reprint.
- Box 1 of 3 Folder 2 "A contribution on the Natural History of *Allolobophora minima* Muldal (Lumbricidae)," 1955. Manuscript and correspondence with the *Ohio Journal of Science* regarding publication.
- Box 1 of 3 Folder 3 Text of a paper on the population density of earthworms delivered by Murchie at the American Institute of Biological Sciences meeting, 1955.
- Box 1 of 3 Folder 4 "A note on parasitism of the earthworm *Allolobophora chlorotica* (Savigny) by a mite of the family Anoeidae," 1956. Manuscript, draft, drawing, and correspondence with the *Ohio Journal of Science* regarding publication.
- Box 1 of 3 Folder 5 Text of a paper on *Bismastos zeteki* delivered by Murchie at the Ohio Academy of Sciences meeting, 1956.
- Box 1 of 3 Folder 6 "Biology of the oligochaete *Eisenia rosea* (Savigny) in an upland forest soil of southern Michigan," 1957. Manuscript, draft, figures, research notes, and correspondence with the *American Midland Naturalist* regarding publication.
- Box 1 of 3 Folder 7 "A new megascolecid earthworm from Michigan with notes on its biology," 1958. Manuscript, drafts, drawings, and correspondence with the *Ohio Journal of Science* regarding publication.
- Box 1 of 3 Folder 8 "Redescription of *Allolobophora muldali* Omodeo 1956 (Lumbricidae; Aligochaeta)," 1959. Manuscript, drafts, research notes, and correspondence with the *Ohio Journal of Science* regarding publication.
- Box 1 of 3 Folder 9 "Oligochaeta." An article written by Murchie for *The Encyclopedia of Biological Sciences*, 1959. Manuscript, drafts, and correspondence concerning publication.
- Box 1 of 3 Folder 10 "A new species of *Diplocardia* (Oligochaeta; Megascolecidae) from Florida," 1960. Manuscript, drafts, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 1 of 3                      Folders 11-12 "Biology of the oligochaete *Bismastos zeteki* Smith and Gittins (Lumbricidae) in northern Michigan," 1960. Manuscript, drafts, research notes, photographs, and correspondence with the *American Midland Naturalist* regarding publication.

Box 2

Box 2 of 3                      Folder 1 "Production of spermatophores by *Dendrobaena samarigera* (Rosa 1893)." Text of speech delivered by Murchie at the American Society of Zoologists meeting, December 1960.

Box 2 of 3                      Folder 2 "A new Diplocardian earthworm from Illinois (Oligochaeta Megascolecidae)," 1961. Manuscript, drafts, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 3 "A new subspecies of Diplocardian earthworm from Oklahoma (Oligochaeta: Megascolecidae)," 1962. Manuscript, draft, research notes, drawings, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 4 "Description of a new Diplocardian earthworm, *Diplocardia longiseta* (Oligochaeta: Megascolecidae)," 1962. Manuscripts, drafts, research notes, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 5 "*Diplocardia Gatesi*, a new earthworm from North Carolina (Oligochaeta Megascolecidae)," 1964. Manuscript, draft, research notes, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 6 "Description of *Diplocardia MacDowellii*, a new Megascolecid earthworm from Mississippi (oligochaeta)," 1966. Manuscript, drafts, figures, research notes, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 7 "*Diplocardia varivesicula*, a new megascolecid earthworm from Indiana," 1966. Manuscript, drafts, drawings, research notes, and correspondence with the *Ohio Journal of Science* regarding publication.

Box 2 of 3                      Folder 8 "Chromosome numbers of some Diplocardian earthworms (Megascolicidae Oligochaeta)," 1967. Manuscript, draft, research notes, photographs, and correspondence with the *American Midland Naturalist* concerning publication.

Box 2 of 3                      Folder 9 "Redescription of two Gulf Coast Diplocardians (Oligochaeta: Megascolicidae)," 1967. Manuscript, drafts, drawings, research notes, and correspondence with Tulane University regarding publication.

Box 2 of 3                      Folder 10 "The uniparental species concept in the Oligocharia," undated. Manuscripts, drafts, and drawings.

Box 2 of 3                      Folder 11 Negatives

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## Series 2: COLLECTING RECORDS, 1954-1967. ARRANGED CHRONOLOGICALLY.

This series consists of data on collections of earthworms made by William Roger Murchie throughout the United States and Mexico. The records contain data on the locality of collections made, weather conditions, and habitat and type of specimens collected.

### Box 3

- Box 3 of 3 Folder 1 Collecting records. Michigan, June-July 1954.
- Box 3 of 3 Folder 2 Collecting records. Pennsylvania, May-September 1955.
- Box 3 of 3 Folder 3 Collecting records. Pennsylvania, April-June 1956.
- Box 3 of 3 Folder 4 Collecting records. Michigan, Minnesota, and Wisconsin, April-October 1957.
- Box 3 of 3 Folder 5 Collecting records. Michigan and Pennsylvania, April-November 1958.
- Box 3 of 3 Folder 6 Collecting records. Alabama, Florida, Georgia, Indiana, Louisiana, Mississippi, and Tennessee, June-July 1959.
- Box 3 of 3 Folder 7 Collecting records. Indiana, Kansas, Missouri, Nebraska, Ohio, Oklahoma, Pennsylvania, and Texas, April-June 1960.
- Box 3 of 3 Folder 8 Collecting records. Illinois and Indiana, June 1961.
- Box 3 of 3 Folder 9 Collecting records. Arkansas, Mexico, Missouri, North Carolina, South Carolina, Tennessee, and Texas, April-November 1962.
- Box 3 of 3 Folder 10 Collecting records. California, Colorado, Florida, Georgia, Illinois, Iowa, Kansas, Missouri, Nebraska, South Carolina, Utah, and Wyoming, April-August 1963.
- Box 3 of 3 Folder 11 Collecting records. Indiana, Kansas, Louisiana, North Carolina, Tennessee, and Texas, March-August 1964.
- Box 3 of 3 Folder 12 Collecting records. Florida, Georgia, Illinois, Indiana, Michigan, Minnesota, North Carolina, and Tennessee, March-September 1965.
- Box 3 of 3 Folder 13 Collecting records. Illinois, Indiana, North Carolina, Tennessee, and Virginia, April-August 1966.
- Box 3 of 3 Folder 14 Collecting records. Illinois, Indiana, Kentucky, Oklahoma, Tennessee, and Texas, April-August 1967.

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