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# Guide to the Alexander Maximow Papers 1902-1936



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## Descriptive Summary

<b>Identifier</b>	ICU.SPCL.MAXIMOW
<b>Title</b>	Maximow, Alexander A. Papers
<b>Size</b>	4.47 linear feet (11 boxes)
<b>Repository</b>	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.

**Abstract** Alexander A. Maximow, histologist, Professor of anatomy. The Alexander A. Maximow Papers contains correspondence, laboratory notes and sketches, manuscripts of scientific papers and addresses, English translations of Maximow's Russian works, Russian textbooks, drawings, and photographs.

## Information on Use

### Access

The collection is open for research.

### Citation

When quoting material from this collection, the preferred citation is: Maximow, Alexander A. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

## Biographical Note

Alexander A. Maximow was born in Russia on January 22, 1874. He earned his M.D. at the Imperial Military Academy in St. Petersburg, where he showed a keen interest in morphological problems and won special distinction for his work on the experimental production of amyloid. After two years of study in Berlin and Freiburg, he returned to St. Petersburg in 1902 as Privat-Dozent in pathology. He remained there as professor of histology and embryology from 1903 until 1922, at which point he came to the University of Chicago as a professor of anatomy, a position he held until his death in 1928.

In the first phase of his career, from 1896 until 1902, Maximow published both descriptive and experimental papers on normal and on abnormal histologic problems, establishing the background for his future work. His paramount interest in the later stages of his career was in the normal and pathologic histology and histogenesis of the blood and the connective tissue; pioneering and classic studies were the result of his experimental investigations into the problems of this field. By proving that all blood cells develop from a common mother cell, he confirmed the unitarian theory of hematopoiesis; among his other experimental findings were confirmatory

evidence that lymphocytes of the blood, as well as of lymph nodes, are undifferentiated cells, and proof of the purely extracellular origin of argyrophile and collagenous fibers in tissue cultures.

Dr. William Bloom, of the Department of Anatomy and Physiology, worked closely with Maximow in the four years before Maximow's death. Bloom then continued the work of Maximow and brought to completion the product of the joint enterprise, the Textbook on Histology, which has appeared in seven editions since its original publication in 1930.

## **Scope Note**

The Alexander A. Maximow Papers contains correspondence, laboratory notes and sketches, manuscripts of scientific papers and addresses, English translations of Maximow's Russian works, Russian textbooks, drawings, and photographs.

The collection is divided into four series. Series I primarily contains the drawings and sketches Maximow produced in the course of his work. These drawings are loose and collected in file folders, as listed below. Series II contains Maximow's correspondence with William Bloom and others, as well as Bloom's correspondence regarding Maximow. Series III contains photographs and biographical information about Maximow. Series contains Maximow's writings, in both manuscript and printed form, as well as his laboratory notes.

## **Related Resources**

The following related resources are located in the Department of Special Collections:

<http://www.lib.uchicago.edu/e/spcl/medic.html>

## **Subject Headings**

- Maximow, Alexander A., 1874-1928
- Cytology
- Histology
- 
- Histologists
- Biologists
- 

## **INVENTORY**

### **Series I: Original Drawings**

#### **Box 1**

#### **Folder 1**

"Microscopic Structure of Organs." Holograph draft. Unfinished

- Translation in Translation from Russian

**Box 1****Folder 2**

Drawings first published in Russian "Cytology and Histology" or in American text

- Mount 1.28 drawings (two reproductions of this mount are included.)
- Mount 2.7 drawings
- Mount 3.4 drawings
- Mount 4.5 drawings
- Mount 5.5 drawings
- Mount 6.3 drawings
- Mount 7.2 drawings
- Mount 8.7 drawings
- Mount 9.2 drawings
- Mount 10.10 drawings
- Mount 11.2 drawings
- Mount 12.3 drawings
- Mount 13.4 drawings
- Mount 14.4 drawings

**Box 1****Folder 3**

Drawings for his classic monograph on inflammation. Ziegler's Beitr

- z. path. Anat., Supplement 5, 1902
- Mount 1.47 drawings
- Mount 2.33 drawings
- Mount 3.6 drawings
- Mount 4.5 drawings
- Mount 5.10 drawings
- Mount 6.10 drawings
- Mount 7.11 drawings
- Mount 8.11 drawings
- Mount 9.2 drawings
- Mount 10.5 drawings

**Box 1****Folder 4**

Neutral red; connective tissue cells. Arch. f. mikr. Anat., 1906 (67), 680

- Mount 1.3 drawings
- Mount 2.8 drawings

**Box 1****Folder 5**

Arch. f. mikr. Anat., 1909 (73), 444

- Mount 1.5 drawings
- Mount 2.9 drawings
- Mount 3.15 drawings
- Mount 4.10 drawings

**Box 1****Folder 6**

Drawings

- Mount: 1.14 drawings
- Mount: 2. 20 drawings
- Mount: 3.25 drawings

**Box 1**

**Folder 7**

Drawings

- Mount: 1. 13 drawings
- Mount 2: 43 drawings

**Box 1**

**Folder 8**

Mitochondria in living plant cells. Anat. Anz., 1913 (43), 241

- Mount 1: 8 drawings

**Box 1**

**Folder 9**

B&B VII

- Mount 1. 2 drawings
- Mount 2. 3 drawings
- Mount 3. 3 drawings

**Box 1**

**Folder 10**

Drawings

- Mount 1. 2 drawings
- Mount 2.4 drawings
- Mount 3. 3 drawings
- Mount 4.1 drawings
- Mount 5.5 drawings
- Mount 6. 2 drawings

**Box 1**

**Folder 11**

Drawings

- Mount 1.4 drawings
- Mount 2. 3 drawings

**Box 1**

**Folder 12**

Drawings

- Mount 1.4 drawings
- Mount 2. 7 drawings
- Mount 3. 2 drawings
- Mount 4. 8 drawings
- Mount 5. 9 drawings

**Box 1**

**Folder 13**

Drawings

- Mount 1. 2 drawings

**Box 2**

**Folder 1**

Tuberculosis in tissue culture. *J. Infectious Diseases*, 1924 (34), 549

- Mount 1.11 drawings
- Mount 2.2 drawings
- Mount 3.3 drawings

**Box 2**

**Folder 2**

Cancer-like changes in cultures of rabbit mammary gland. *Virchows*

- *Archiv.*, 1925 (256), 813
- Mount 1.3 drawings
- Mount 2.2 drawings

**Box 2**

**Folder 3**

*Contributions to Embryology*, Publication 361 of the Carnegie Institute of Washington, 1925

- Mount 1.2 drawings
- Mount 2.5 drawings
- Mount 3.4 drawings
- Mount 4.3 drawings
- Mount 5.3 drawings
- Mount 6.1 drawings
- Mount 7.3 drawings
- Mount 8.2 drawings
- Mount 9.2 drawings
- Mount 10.1 drawings
- Mount 11.4 drawings
- Mount 12.1 drawings
- Mount 13.1 drawings

**Box 2**

**Folder 4**

Mesothelium in tissue culture. *Arch. f. exper. Zellforsch.*, 1927 (4), 1

- Mount 1.3 drawings
- Mount 2.5 drawings
- Mount 3.7 drawings
- Mount 4.3 drawings
- Mount 5.4 drawings

**Box 2**

**Folder 5**

Monograph on blood and connective tissue in *Handb. d. mikr. Anat.*, von Mollendorff, ed., 1927. Vol. 2

- Mount 1.4 drawings
- Mount 2.5 drawings
- Mount 3.4 drawings
- Mount 4.4 drawings
- Mount 5.4 drawings
- Mount 6.4 drawings
- Mount 7.4 drawings

- Mount 8.6 drawings
- Mount 9.2 drawings
- Mount 10.4 drawings
- Mount 11.3 drawings
- Mount 12.33 drawings

**Box 2**

**Folder 6**

Monograph on blood and connective tissue in Handb. d. mikr. Anat., von Mollendorff, ed., 1927. Vol. 2

- Mount 1.4 drawings
- Mount 2.2 drawings
- Mount 3.4 drawings
- Mount 4.4 drawings
- Mount 5.4 drawings
- Mount 6.4 drawings
- Mount 7.4 drawings
- Mount 8.5 drawings
- Mount 9.5 drawings
- Mount 10.3 drawings
- Mount 11.1 drawings
- Mount 12.3 drawings
- Mount 13.2 drawings

**Box 2**

**Folder 7**

Cowdry's Special Cytology, 1928

- Mount 1.7 drawings
- Mount 2.7 drawings

**Box 2**

**Folder 8**

Cultures of blood leucocytes. Arch. f. exp. Zellforsch., 1928 (5), 169

- Mount 1.49 drawings
- Mount 2.8 drawings
- Mount 3.70 drawings
- Mount 4.3 drawings

**Box 2**

**Folder 9**

Maximow's last drawing. Zeit. f. mikr. Anat.-Forsch., 1929 (17), 625. Mount 1.1 drawing

**Box 2**

**Folder 10**

Textbook of Histology, 1930

- Mount 1.3 drawings
- Mount 2.1 drawings
- Mount 3.5 drawings
- Mount 4.4 drawings
- Mount 5.1 drawings
- Mount 6.2 drawings



- Mount 7.3 drawings
- Mount 8.2 drawings
- Mount 9.10 drawings
- Mount 10.1 drawings

**Box 2**

**Folder 11**

Textbook of Histology, 1930

- Mount 1.3 drawings
- Mount 2.2 drawings
- Mount 3.2 drawings
- Mount 4.3 drawings
- Mount 5.3 drawings
- Mount 6.2 drawings
- Mount 7.2 drawings
- Mount 8.2 drawings
- Mount 9.3 drawings
- Mount 10.4 drawings
- Mount 11.2 drawings

**Box 3**

**Folder 1**

Two original drawings

**Box 3**

**Folder 2**

Two notebooks-protocols of experiments

**Box 3**

**Folder 3**

Miscellaneous notes and sketches

**Series II: Correspondence**

**Box 3**

**Folder 4**

Correspondence, 1917-1928

- Correspondents include R.R. Bensley, Professor Huntington, Chandler Foot, V. Möllendorf, H. Stieve, W.B. Saunder & Co., H. Gideon Wells

**Box 3**

**Folder 5**

Correspondence with publishing house W.B. Saunders Company, 1926-1928

**Box 3**

**Folder 6**

Correspondence with Dr. William Bloom, 1926--1928

**Box 3**

**Folder 7**

Dr. William Bloom correspondence about Maximow's work, 1928--1936

**Box 3**

**Folder 8**

Dr. William Bloom correspondence with Armed Forces Institute of Pathology about Maximow's slide

**Box 4**

**Folder 1**

Correspondence, A-De

**Box 4**

**Folder 2**

Correspondence, D

**Box 4**

**Folder 3**

Correspondence, E

**Box 4**

**Folder 4**

Correspondence, F-H

**Box 4**

**Folder 5**

Correspondence, L

**Box 4**

**Folder 6**

Correspondence, O-T

**Box 4**

**Folder 7**

Correspondence, Wa

**Box 4**

**Folder 8**

Correspondence, We

**Box 4**

**Folder 9**

Correspondence, Russian

**Series III: Biographical**

**Box 4**

**Folder 10**

Modern Trends in Human Leukemia Conference Brochure

**Box 4**

**Folder 11**

3 photographs of Maximow

**Box 4**

**Folder 12**

Autobiographical notes

**Box 4**

**Folder 13**

Biographical sketch

**Box 4**

**Folder 14**

Publication lists

## **Series IV: Writings and Laboratory Notes**

### **Box 5**

#### **Folder 1-2**

Russian Edition of Maximow work, unbound

### **Box 6**

Reprints, Maximow, Vol. I, 1898-1906

### **Box 6**

Reprints, Maximow, Vol. II, 1906-1916

### **Box 6**

Reprints, Maximow, Vol. III, 1925-1927

### **Box 6**

Reprints, Maximow, Vol. IV, 1927-1928

### **Box 7**

Reprints, Maximow, Vol. V, 1922-1929

### **Box 7**

Memorial Volumes to Alexander Maximow. Volumes I and II. German and English. 1929

### **Box 8**

Microscopic Notes, Vol. I-IV. Four bound volumes of notes with descriptions and sketches of tissue culture, dealing with the growth of portions of mammalian embryos, of lymphatic tissue, of blood leucocytes, and of tissues infected with various human and bovine strains of tubercle bacilli

### **Box 9**

Translation from Russian. One bound volume of the translation of portions of Volume II of Maximow's Principles of Histology, and of the "Microscopic Structure of Organs."

### **Box 9**

Miscellaneous Manuscripts. One bound volume of autograph, unpublished manuscripts, mainly of scientific addresses

### **Box 9**

Supravital Sketches. One bound volume of sketches of living cells in tissue culture

### **Box 10**

Textbook Manuscript. One bound volume of autograph manuscripts for several chapters of Maximow's Textbook of Histology

### **Box 11**

Cultures 31--2213 and Cultures 2214--6182. Two bound volumes of protocols of experiments giving the history of each culture that was fixed for subsequent microscopic study