

## ***Catalogue of Bengt Strömgren Papers***

The Bengt Strömgren Papers are catalogued in the following database:

<b><u>Bengt Strömgren Papers Database</u></b>
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They consist of ca. 1,700 items of - mainly scientific but also private - correspondence of the Danish astronomer and astrophysicist Bengt Georg Daniel Strömgren (1908-1987) throughout the period 1915 – 1977. In addition there are interviews and manuscripts of Strömgren.

**Here follows a catalogue of the Bengt Strömgren Papers (BS.01 – BS.08)**

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### **BS.01 Correspondence**

Professional

Private

Miscellaneous

### **BS.02 Scientific Institutions**

University of Copenhagen

University of Copenhagen Observatory

NORDITA

Other

### **BS.03 Academies, Associations, Organizations**

Royal Danish Academy of Sciences and Letters

Nobel Institution

International Astronomical Union

Other Academical Organisations

Foundations and Research Councils

Other

### **BS.04 Observatories**

European Southern Observatory

Specific Observatories

Instrument Projects

**BS.05 Companies****BS.06 Material concerning Publications**

Publishers

Manuscripts by Strömgren

Manuscripts by others

**BS.07 Public Appearance**

Interviews

Astronomical Speeches and Lectures

Historical and Celebratory Speeches and Lectures

Speeches and Lectures by others

**BS.08 Miscellaneous****BS.09 Miscellaneous outcome from PhD Project of S.O. Rebsdorf (2004)****A. European Institutions and Archives**

1. Carlsberg Board of Directors Protocol for 1950 (courtesy of Torkild Andersen, June 26, 2004)
2. Niels Bohr Archive, Niels Bohr Institute, Copenhagen, Denmark
3. Royal Danish Academy of Sciences and Letters Archive, Copenhagen  
Archive of the Norwegian Nobel Institute, Oslo, Norway
4. Bundesarchiv, Koblenz, Germany
5. The Brorfelde Observatory
6. archive of the Norwegian Nobel Institute, Oslo, Norway
7. NORDITA
8. Copies from the Yearbook of the Copenhagen University
9. The Urania Observatory, Denmark (CD ROM containing photos and documents)
10. Rigsarkivet (The Danish State Archives, copies)
11. *Danish History Project* (ESO), Final Report, 2001

**B. Elis Strömgren Archival Material**

1. Elis Strömgren Collection (ECS), University Library, Lund University, Sweden. Elis and Bengt Strömgren correspondence (copies are located at History of Science Department, University of Aarhus, Denmark. Translation (Swedish to Danish) and transcription of all their correspondences in the period 1935-1939 has been made by Simon Olling Rebsdorf in 2003, and is ordered in a database (see BS.09, H, 3)
2. "The Strömgren Correspondence (transcription of the above correspondence, BS.09, B.1).
3. Elis Strömgren's diary, 1908-1932, courtesy of Ole Strömgren (copies)

- C. University of Chicago Archive (UCA), University of Chicago Library, Joseph Regenstein Library, Special Collections Research Center, Illinois (selected copies, ca. 400)
  - 1. Table of contents
  - 2. UCA material (11 folders)
- D. Yerkes Observatory Archive (YOA), Yerkes Observatory, University of Chicago, Williams Bay, Wisconsin
  - 1. Contents
  - 2. YOA material (7 folders)
- E. Other Archival Material
  - 1. Report on the Fourth Washington Conference on Theoretical Physics, 1938. Copy courtesy of Donald Osterbrock, received in fall 2002, located at the History of Science Department.
  - 2. The Yerkes Observatory Digital Archive (YODA), Yerkes Observatory, University of Chicago, Williams Bay, Wisconsin
  - 3. CD-ROM including Archival Material concerned with the scientific life of Bengt Strömgren, collected by Simon Olling Rebsdorf, 2001-2004
  - 4. AURA
  - 5. Archive list of the Copenhagen University Observatory Archive (UCA) – concerning B. Strömgren
  - 6. Archive list of the Ejnar Hertzsprung Archive (EHA) – concerning Bengt Strömgren
- F. Various Biographical Material concerning Bengt G.D. Strömgren and family
  - 1. Memorial Service, talks given on occasion of Bengt Strömgren's funeral, courtesy of Karin Strömgren Campbell (Talks given by Anders Reiz, Jens Knude, Piet Hein, Erik Strömgren and Nina Strömgren Allen)
  - 2. World War II through the eyes of a Danish girl
  - 3. Farewell remarks by F. Dyson, 1967
  - 4. Copies of papers by Strömgren
  - 5. Obituaries and short biographies of Bengt Strömgren
  - 6. Preprints of selected papers by B. Strömgren
  - 7. CD ROM: Digital photos (courtesy of Nina Allen Strömgren)
  - 8. Biographical timelines of the life of Bengt Strömgren: 1908-1940; 1908-1987
- G. Newspaper Clippings
  - 1. 1908-1932
  - 2. 1932-1940
  - 3. 1940-1950

4. 1950-1980'es
5. Various photographs
6. Short articles about the family members of Bengt Strömgren

#### H. Oral Interviews

1. Chandrasekhar Interview (1977): Spencer Weart interviewed Subrahmanyam Chandrasekhar in his Office at University of Chicago on May 17, 1977. American Institute of Physics, Center for History of Physics, MD, USA, has provided a full copy of the transcripts of the interview for the UCA-archive
2. E-mail correspondence between Simon Olling Rebsdorf and Bengt Strömgren's three children in the period 2002-2004 (copies)
3. Hoddeson-Baym Interview (1976): Lillian Hoddeson and Gordon Baym interviewed Bengt Strömgren in his office at the Copenhagen Observatory on May 6 and May 13 1976. American Institute of Physics, Center for History of Physics, MD, USA, has provided some copies of a transcript of the interview (55 pages). The first edition of the interview transcription is also located in original in BSA.08, A.
4. Hufbauer Interview (1978): Karl Hufbauer interviewed Bengt Strömgren in his office at the Copenhagen Observatory on April 24 1978. American Institute of Physics, Center for History of Physics, MD, USA, has provided some copies of a transcript of the interview (24 pages). Like HBI, this interview is also located in original in BSA.08, A.
5. Karin Strömgren Campbell Interview (2003): Simon O. Rebsdorf interviewed Bengt Strömgren's daughter Karin Strömgren Campbell in Stoughton, Wisconsin, April 9, 2003 (unpublished).
6. Morgan Interview, David DeVorkin interviewed William Wilson Morgan in his office at the Yerkes Observatory on August 8, 1978. American Institute of Physics, Center for History of Physics, MD, USA, has provided some copies of a transcript of the interview (16 pages)
7. S. O. Rebsdorf interviewed the astronomer Mogens Hegelund Rudkjøbing in his office at the Department of Physics and Astronomy, University of Aarhus on January 23, 2002 (transcribed by Rebsdorf, (unpublished, located at History of Science Department, in the Bengt Strömgren Archive). Rudkjøbing worked for Strömgren in the late 1930ies as calculator, and was the first professor of astronomy at the University of Aarhus.
8. Poul Erik Nissen Interview (2001): S. O. Rebsdorf interviewed the astrophysicist Poul Erik Nissen in his office at the Department of Physics and Astronomy, University of Aarhus on May 6 2001. The interview has been

transcribed by Rebsdorf, but not published. Nissen worked together with Strömgren after his return from Princeton to Denmark in 1967.

9. Perkins Interview (2003): Simon O. Rebsdorf interviewed Barbara Perkins in her office at University of Chicago in June 2003. She worked as the director's secretary for Bengt Strömgren at Yerkes Observatory in the years 1953-1957 (unpublished).