

THE BARNARD ASTRONOMICAL CLUB OF NASHVILLE, TENNESSEE

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- The Barnard Astronomical Club of Nashville, Tennessee, founded in 1928 by Mrs. Roberta Dillon Lyne, is an affiliated society of the Tennessee Academy of Science. A report of the club's activities since the war was given in the October, 1950, issue of the Journal of the Tennessee Academy of Science. Since that time, the following guest speakers have addressed the club:
- Dr. Donald H. Menzel, Director of the Harvard Observatory, Cambridge, Massachusetts: "Why Take the Sun for Granted?"
- Dr. James Clarke, Assistant Professor of Geology, Vanderbilt University, Nashville, Tennessee: "Geology of Planets."
- Dr. Edward McCrady, Vice-Chancellor of the University of the South, Sewanee, Tennessee: "The Age of the Universe."
- Dr. George Gamow, Professor of Theoretical Physics, George Washington University, Washington, D. C.: "Origin and Evolution of the Universe."
- Lieutenant Commander Robison, NROTC, Vanderbilt University, Nashville, Tennessee: "Pathfinding at Sea."
- Dr. Charles Wilson, Professor of Geology, Vanderbilt University: "Meteor Craters, Old and New."
- Miss Mary R. Calvert, formerly Associate of Yerkes Observatory, Williams Bay, Wisconsin: "The Story of E. E. Barnard."
- Dr. Robert Lagemann, Chairman of the Physics Department, Vanderbilt University, Nashville, Tennessee: "Colors in the Stars."
- Dr. Merlin D. Peterson, Chairman of the Chemistry Department, Vanderbilt University: "Atomic Energy."
- Dr. Harlow Shapley, Director Emeritus of the Harvard Observatory, Cambridge, Massachusetts: "Explorations of Space."
- Dr. Guy Omer, Associate Professor of Astronomy, University of Chicago, Chicago, Illinois: "The Expanding Universe."
- Dr. Walter O. Roberts, Director of the High-Altitude Observatory, Climax, Colorado: "Some Unsolved Solar Problems."
- Dr. John Compton, Assistant Professor of Philosophy, Vanderbilt University, Nashville, Tennessee: "Philosophical Backgrounds of Science."
- Dr. John W. Evans, Director of the Upper Air Research Observatory, Sacramento Peak, Sunspot, New Mexico: "Solar Prominences."
- Dr. J. Allen Hynek, Director of the MacMillan Observatory of Ohio State University, Columbus, Ohio: "Twinkling of the Stars."
- Dr. Lyman Spitzer, Director of the Princeton Observatory, Princeton, New Jersey: "The Behavior of Matter in Space."
- Dr. Frank Edmondson, Director of the Goethe Link Observatory, Bloomington, Indiana: "The Age of the Universe."
- Dr. Bart J. Bok, Professor of Astronomy, Harvard University, Cambridge, Massachusetts: "Radio Astronomy."
- Dr. Peter Van de Kamp, Director of the Sproul Observatory, Swarthmore, Pennsylvania: "The Story of Barnard's Star."
- Dr. R. H. Bing, Professor of Mathematics, University of Wisconsin: "Rubber Sheet Geometry."

Lectures were also given by Dr. Carl K. Seyfert, and technicolor movies, "The Story of Palomar" and "Destination Moon", were shown to club members and their guests. The Barnard Astronomical Club meets on the second Thursday of each month, from October to May, in the auditorium of the Arthur J. Dyer Observatory. The present officers of the club are: Mr. A. J. Dyer, President; Mr. John Herbert, Vice-President; and Mrs. Catharine Franklin, Secretary-Treasurer.

REPORT OF THE SECRETARY OF THE TENNESSEE ORNITHOLOGICAL SOCIETY

MRS ROBERT J. DUNBAR
Oak Ridge, Tennessee

The membership of the Tennessee Ornithological Society has increased slightly this year, the total membership in the state now being 315. The society includes nine active chapters located at Knoxville, Elizabethton, Bristol, Nashville, Lebanon, Memphis and Chattanooga. Most chapters have a minimum of one night meeting a month for the purpose of special studies and educational programs and the reporting of individual field work. Group field trips are usually made once or twice a month.

The annual meeting was held May 8 and 9, 1954, at Standing Stone State Park near Livingston, Tennessee, with about seventy members attending. Most of the business and program sessions were held at night, leaving the daylight hours for field trips. A total of 104 species of birds were observed in the park or at nearby Legion Lake. The 1955 meeting will be held May 7 and 8, somewhere west of Nashville, the place as yet undecided.

For the fifth year members in various parts of the state have participated in the observation of the fall migration of hawks over Tennessee and adjoining states. Concentrated observations were made in September in collaboration with other ornithological organizations in eastern United States. Mr. Fred Behrend of Elizabethton was the coordinator of this project. Considerable progress has been made in the search for facts concerning the flyways of hawks over this area. A report of this project will be published in the *The Migrant*.

The society publishes a quarterly journal, *The Migrant*, which is edited by Dr. James T. Tanner of the University of Tennessee, Knoxville.