

ANNUAL MEETING OF THE TENNESSEE ACADEMY OF SCIENCE

REPORT OF THE SECRETARY TO BURTON E. LIVINGSTON,
PERMANENT SECRETARY A.A.A.S.

The Tennessee Academy of Science was the only one of the State academies that met with the American Association. This was due to the fact that the Association held its meeting this year in Tennessee. The Academy had two sessions.

MONDAY MORNING BUSINESS SESSION, DECEMBER 26, 10:00 A.M.

This session was held in the Sun Parlor of the Hermitage Hotel. No papers were read. The Executive Committee of the Academy had so ordered, foreseeing that many of the members would be engaged at that time on committees arranging for the accommodation of incoming members of the Association. For next year, W. S. Leathers was elected president, John T. McGill, secretary-treasurer, and G. R. Mayfield, editor. L. R. Hesler, professor of botany in the University of Tennessee, was elected vice-president to have charge of arrangements for the meeting of the Academy next spring at Knoxville. Secretaries of several State academies of science were present.

WEDNESDAY AFTERNOON JOINT SESSION, WITH SECTION D, A.A.A.S., DECEMBER 28, 2:00 P.M.

This session was held in the Assembly Room of the Watkins Institute, Robert G. Aitken of Mt. Hamilton, California, presiding. The meeting was appropriately opened by Judge Robert Ewing of Nashville, chairman of the Board of Trustees of the Watkins Institute, a member of the reception committee at the meeting of the Association fifty years ago, and familiar with the early life of Barnard in Nashville.

The purpose of the meeting, "Reminiscences of Barnard"—not his work or achievements—was well carried out. Each person whose name appeared in the program was associated with him and knew him intimately at some period of his life.

A letter from Mr. Alfred E. Howell, of Somerville, N. J., a former resident of Nashville, familiar with the early life, was read as an appropriate introduction to the first two papers.

J. W. Braid, a chemist, photographer, and instrument maker, who came from Scotland to New York and from there in 1870 to Nashville, spoke of Barnard's first work with Van Stavoren, photographer and portrait painter, his enthusiasm for astronomy, his use of an old spyglass as his first telescope, next a $2\frac{1}{4}$ -inch object lens

and finally the five-inch telescope with which he discovered his first comet in 1881. After the reading of this paper the Secretary read a letter from Mr. Barnard written in 1922 in which he told how greatly he was indebted to Mr. Braid for assistance in his early life and gave an account of the first long distance telephoning between Nashville and Bowling Green in 1877 by Braid and Ross.

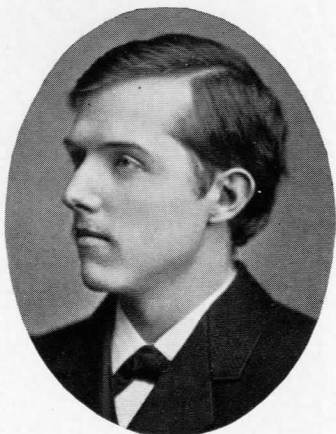
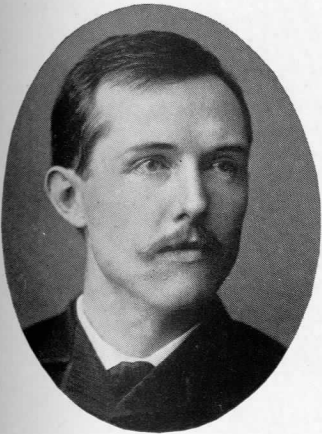
P. R. Calvert, who came from England to Nashville in 1875, was intimately associated with Barnard for eight years in the gallery of R. Poole, successor to Van Stavoren. He told the story of Barnard's introduction to Simon Newcomb in the State Capitol at the meeting of the A.A.A.S. in Nashville in 1877. Barnard joined the Association at this meeting.

Olin H. Landreth, a graduate of Union University and assistant in the Dudley Observatory at Albany, came to Nashville in 1879 to take the position of Professor of Engineering in Vanderbilt University. He told of calling the attention of Bishop McTyeire and Chancellor Garland to Barnard and of Barnard's exceptional admission to the University as a special student and at the same time as assistant instructor in astronomy in charge of the observatory.

Mrs. Janie McTyeire Baskervill, his nearest neighbor on the Vanderbilt campus who was to give some recollections of Barnard, was unavoidably absent and so the Secretary read a letter from her and an extract from an article she wrote several years ago beautifully portraying the gentleness, simplicity and sincerity of his nature.

Dr. Aitken, Dr. Fox, and Dr. Morehouse, speaking without notes, gave most interesting accounts of their association with Mr. Barnard at the Lick and Yerkes Observatories. Only limitations of space and the better acquaintance of the public with Barnard's later rather than his earlier life can justify the omission of a condensed report of their inspiring talks. One person said after the meeting, "I was thrilled to hear these great astronomers say what they did about our Barnard." Another said, "I did not know before how great Barnard was." One thing that Dr. Fox said should be mentioned. He said: "Paris has named several streets and boulevards for astronomers. I wonder whether Nashville may not find a street or avenue beautiful enough to bear the name Barnard." Reference to a map of Paris shows a *Rue Lalande* and a *Boulevard Arago*. Barnard was awarded both the Lalande and the Arago medals by the French Academy of Sciences.

It was appropriate that the session in honor of Barnard close with a tribute by his niece, Miss Mary R. Calvert, who was his secretary and assistant for many years at the Yerkes Observatory and after his death cooperated with Dr. Frost in completing his last great work, "Atlas of Selected Regions of the Milky Way," recently published by the Carnegie Institution. No one else now living gave him so much assistance in preparing his observations and researches for publication and was so familiar with his methods of work and characteristics. Her reminiscences were most interesting, and the



EARLY PORTRAITS OF BARNARD

The upper left made in 1866; upper right about 1867; lower left about 1878; lower right in 1879.



View Wagon operated by J. W. Braid for Poole's Photographic Gallery. Barnard, who appears in the picture, was Mr. Braid's assistant in his outdoor photography.

Tennessee Academy of Science has her promise to put them in form for publication in a special number of the JOURNAL to be devoted to Edward Emerson Barnard.

It is worth while to mention that the Tennessee Academy of Science had at its headquarters in the Hermitage Hotel an exhibit illustrating the life and work of Edward Emerson Barnard—photographs of himself; his residences in Nashville, at Mt. Hamilton and Williams Bay; telescopes he used at Vanderbilt, Lick, Mt. Wilson, Yerkes Observatories; and transparencies of a number of his finest photographs of heavenly bodies in a kiosk, medals awarded him (kindly loaned by the University of Chicago), facsimile of a tablet to be placed at the site of the building in Nashville where he worked for sixteen years, complete sets of his books, pamphlets and reprints. By the request of the librarian, the exhibit has been placed temporarily in the Carnegie Library where it may be seen by visitors, especially university and college students and pupils of the various schools.