

at first glance. Examination, however, proves that it is one of the primitive suborders of the Carnivora, the Creodonta, and the remarkable feature is the way in which it has imitated the sabretooth cats of the true Carnivora. The dental formula of the lower jaw is $I_2 C_1 P_4 M_2$. The second molar is a cat-like sectoral. The lower jaw has protective flanges from the anterior part, which demonstrate that the upper canines were large sabres. The position of the condyle of the

mandible and the shape of the coronoid process show that this animal was far advanced in specialization equal to that of the White River *Eusmilus*, the most specialized of all the sabretooth cats. For this fossil the name *Apatalurus kayi* is proposed, the specific name in honor of Mr. J. Leroy Kay, of the Carnegie Museum, who made the discovery.

W. B. SCOTT

PRINCETON UNIVERSITY

SOCIETIES AND MEETINGS

THE WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS

THE Wisconsin Academy of Sciences, Arts and Letters held its sixty-seventh annual meeting at the Milwaukee Public Museum, Milwaukee, Wisconsin, on April 9 and 10, conjointly with the Wisconsin Archeological Society and the Midwest Museums Conference. About 125 persons attended the meeting.

After a short general session the papers to be read were divided into two sections: Section A, devoted to papers dealing with archeological and museum subjects; and Section B, devoted to papers concerning the several sciences. Fifty-six papers were presented, and these were divided equally between the two sections. Mr. Charles E. Brown, director of the Wisconsin Historical Museum, served as chairman of Section A, and Dr. Chancey Juday, president of the academy, presided over Section B.

The academy held its annual business meeting at 4:30 o'clock on Friday afternoon, at which time it elected twenty-three new members, accepted the resignations of Mr. Walter M. Smith, librarian, and Dr. R. R. Shrock, secretary-treasurer, and elected Mr. Gilbert H. Doane, librarian, and Dr. Loyal Durand, Jr., secretary-treasurer.

The annual academy dinner was held at the Hotel Schroeder at 6:00 o'clock on Friday evening, with 44 in attendance. Immediately after the dinner, members and guests returned to the museum, where Drs. Joel Stebbins and A. E. Whitford, of the Washburn Observatory, presented the evening lecture on "Gadgets and Galaxies," in which they demonstrated the use of the photo-electric cell in the study of stars and galaxies. The audience numbered over 150.

Officers for 1937-38 and 1938-39 are as follows:

President, Chancey Juday, University of Wisconsin.

Vice-president in the Sciences, Paul W. Boutwell, Beloit College.

Vice-president in the Arts, S. C. Wadmond, Delavan, Wisconsin.

Vice-president in Letters, Julia Grace Wales, University of Wisconsin.

Secretary-Treasurer, Loyal Durand, Jr., University of Wisconsin.

Librarian, Gilbert H. Doane, University of Wisconsin.

R. R. SHROCK,

Secretary-Treasurer

THE ARKANSAS ACADEMY OF SCIENCE

THE twenty-first annual meeting of the Arkansas Academy of Science was held at the University of Arkansas, at Fayetteville, on March 26 and 27.

The annual public lecture was presented by Dr. T. S. Painter, of the University of Texas, and the title of the address was "Recent Developments in Our Knowledge of Chromosome Structure and Their Bearing on Genetics." The lecture was presented under the combined auspices of the academy and the University of Arkansas Sigma Xi Club.

A feature of the meeting was a Conservation Symposium. The following speakers contributed to the meeting as follows: "The Conservation of the Minerals of Arkansas," G. C. Branner, state geologist; "Soil Conservation," G. E. Riddell, assistant state coordinator, Soil Conservation Service; "Wild Fowl Conservation," Robert Smith, White River Migratory Waterfowl Refuge, U. S. Biological Survey; "Relation Between Forest and Game Preservation," H. A. Miller, White River Migratory Waterfowl Refuge, U. S. Biological Survey; "Forestry in a Conservation Program," R. D. Stevens, University of Arkansas; "Conservation Aspects of the Resettlement Administration," T. Roy Reid, regional director, Resettlement Administration, Region 6.

The following officers were elected for 1937-38: *President*, W. C. Munn, Magnolia A. and M. College; *Vice-president*, T. L. Smith, College of the Ozarks; *Secretary*, L. M. Turner, University of Arkansas (re-elected); *Treasurer*, W. R. Horsfall, University of Arkansas (re-elected); *Editor*, I. A. Wills, John Brown University.

The 1938 meeting will be held at the College of the Ozarks, at Clarksville.

LEWIS M. TURNER,
Secretary