

British Astronomical Association

VARIABLE STAR SECTION

CIRCULAR 9.

Deurne, Antwerp, 1930 April 15.

26, rue Herry.

(1) **THE MEMOIR, Vol. XXVIII.** — The Director begs to congratulate the Section, and all the Members who contributed to the publication of the Tenth Report, containing 43,590 observations chiefly made during the quinquennium 1920-1924. It is hoped that the new arrangements made for presenting this important material in a condensed form, and the alphabetical order adopted for the Variables, have met with general approval.

The Director has received marks of encouragement upon the publication of the Memoir from several astronomers interested in the study of Variable Stars, both British and foreign. Notices announcing this work have appeared in astronomical journals and publications of learned societies, with appreciations of its value. At the Eighteenth Annual Meeting of the American Association of Variable Star Observers (A. A. V. S. O.), held on October 19, 1929, at the Harvard College Observatory, Mr. LEON CAMPBELL, the well-known authority on Variable Stars, presented a paper based on our last Memoir. He stated that light curves for R Andromedæ and σ Ceti derived from the two sources (V. S. S. and A. A. V. S. O.) gave practically identical results (*Variable Comments*, Vol. II, p. 18, No. 4, January 1930).

It is gratifying to find that the exertions of the Section as a whole are esteemed at their value in the astronomical world. In his important treatise "Die veränderlichen Sterne" (Variable Stars) recently published as Chapter 3 of the great "Handbuch der Astrophysik" (Band VI), Prof. LUDENDORFF says that the Variable Star Section of the B. A. A. observed a series of Variables "with exceptional care". No less than five of our curves (σ Ceti, 1913-1914; R Draconis, 1915-1916; R Boötis, 1918-1919; X Camelopardalis, 1916-1917; and R Aurigæ, 1916-1917) are reproduced in this treatise from Appendix to Vols. XXII and XXV, as illustrating respectively the α_3 , α_4 , β_1 , β_3 , and γ_1 types of light curves of Variable Stars. It is hoped that this recognition of our efforts will stimulate the Section to further activity.

Members are earnestly requested to peruse attentively the headings to the observations of the following Variables on our Working List contained in the new Memoir, and to correct and complete their Blue Prints with the data contained in these headings: —

