

HARVARD COLLEGE OBSERVATORY

BULLETIN 759

Bright Object near Sun. — In a letter received at this Observatory, Dr. H. C. Emmert of 3403 Warren Avenue West, Detroit, Michigan, states that he saw a bright object in the western sky on August 6 at 5^h 50^m P.M., Eastern Standard Time. "Its altitude was 14.5 to 15 degrees, its azimuth 85 degrees; the Sun's altitude was 15 degrees and azimuth 90 degrees. The object was fully as bright as Venus in twilight at her greatest brilliancy, and its light was perfectly steady." It is supposed that this object is the same as that seen near the Sun by five observers at the Lick Observatory on August 7, as reported in Bulletin 757.

Variable 27.1920. — Photographs of the peculiar variable star, — Pegasi, 215701, announced by Wolf in A. N. 212, 75, were taken here on July 31, September 8, September 28, and October 1, 1921. The magnitudes were 12.9, 12.5, 12.9, and 13.2, respectively. An examination of earlier photographs shows that the object was invisible, and fainter than the fourteenth magnitude, on eight dates between 1896 and 1907. The magnitudes were 14.3, 14.8, and 14.5 on May 26, 1910, September 28, 1915, and October 9, 1918. A spectrum plate taken here on September 24, 1921, with the 24-inch Reflector, shows no trace of this star, although spectra of adjacent stars of magnitude 12.5 appear.

New Variable Star. — A cablegram received here from Stockholm, signed "Bohle" calls attention to a star of rapidly decreasing brightness following B. D. + 25° 719 53 seconds. The signature is assumed to be that of Professor Karl Bohlin, Director of the Stockholm Observatory. An examination of Harvard photographs taken between 1890 and 1921 shows that a star in the approximate position varies from magnitude 12 to 14. The photographic magnitude on October 12, 1921 was 12.5.