The difficulty of establishing such a connection cannot be said to have materially lessened. No star intermediate in character between type IV (IIIβ) and any other known type has yet been found. This is perhaps hardly surprising, as the spectrum of such a star would not be likely to exhibit striking characteristics which might lead to its early detection. No systematic search for such a star has been attempted here, as the Observatory does not possess instruments especially adapted to the purpose. Advantage will be taken of Professor Pickering's kind offer to photograph suspected objects with an objective prism. Should the character of the spectra thus obtained be such as to warrant more detailed study, the 40-inch refractor and stellar spectrograph of this Observatory will be employed for the work.

March 29, 1899.  

GEORGE E. HALE.

BULLETIN NO. 8.

OPPORTUNITIES FOR STUDENTS AT THE YERKES OBSERVATORY.

The attention of advanced students in astronomy and astrophysics is invited to the fact that opportunity for work at the Yerkes Observatory is offered to all who can be accommodated. Ample preparation for advanced studies in theoretical and practical astronomy and in astrophysics is afforded by the courses given at the University of Chicago in the Department of Mathematics, Astronomy and Physics. After completing the necessary preliminary work in Chicago, students who desire to devote special attention to observational astronomy or to astrophysics are admitted to the Yerkes Observatory at Lake Geneva, where they are given every possible facility. In addition to pursuing the courses of instruction enumerated in the Annual Register of the University of Chicago, students at the Observatory may take part in the regular work of research. As soon as they have had sufficient preliminary training they are encouraged to undertake original investigations of their own.

VOLUNTEER RESEARCH ASSISTANTS.

It may not infrequently be the case that students who have taken higher degrees in astronomy, astrophysics, or physics, or have pursued advanced studies in these subjects at the University of Chicago or some other institution, will find it to their advantage to spend some time at the Yerkes Observatory, in order to familiarize themselves with