

- Changes in meteor observations (p. 14.)

The Hungarian Meteor and Fireball Observing Network carries out some small changes in the methods of meteor observations. We published by the help of Urania Observatory a new meteor observing map of 7 pages (a part of Table III. can be seen on p. 17.). The maps are in gnomonic projection, for estimating the brightnesses of meteors at some stars their magnitudes are also printed. There is a new type of observing formular introduced. (See pp. 19-20.) On this formular one must record the numbers of observers observing the same meteor, the estimated speed of the meteor and the possible error of the drawn path. Our data collecting system is reorganized in order to be able to use a computer for data storing. To compare our results to those of other amateur groups, we unify the computation of ZHR values and will publish our results regularly in ZHR Bulletins.

- Variable stars (pp. 27-34.)

In 1984 the 83 observers (from 11 countries) of the Pleione Variable Star Observing Network (PVH) carried out 26 053 observations. The detailed elaboration will be published later. In December and January in spite of the extremely cold weather 2642 observations were carried out by 32 observers. Among the observed stars one can find the most important types of variables achievable by amateur methods, the eruptives (p.28.), variable galaxies and quasars (p.30.), miras (p. 30.), semiregular variables (p.32.), irregular ones and RV Tauri types (p. 34.). The pair of photos of R Leo on p. 31. were made by A. Mizser by 2,8/135 teleobjective.

- Variable news (pp. 35-38.)

The fifth eruption of the recurrent nova RS Oph was observed on 1985. Jan. 26,47 UT at 6^m,8 brightness. For details see Meteor 84/3.

Soviet scientists detected the light variations of IP Peg, which seems to be a dwarf nova. Its cycle length is 95 days, a binary system with a period of 0,1582 days. By the 6 m reflector in 1984 July 27 a sudden decrease of 2 magnitudes was observed within 2 minutes. (See IBVS 2653).

The 20th (38th) number of Draco, a publication of an amateur group in Southern Hungary, publishes the results of variable star observations carried out by naked eye. There are the observations of 15 observers on 11 stars published.