

8. To realize the same programme of simultaneous photographic and radar studies of meteors in different latitudes, for comparative study of the physical parameters of the upper atmosphere. (Proposed by V. V. Fedynsky.)
9. To realize a wider distribution of meteor wind equipment to yield the large-scale circulation in the 80–100 km region. (Proposed by T. R. Kaiser.)
10. To study by all techniques the atmospheric regions of strong auroral luminosity and ionization, which may reveal new phenomena. (Proposed by S. Chapman.)
11. To use meteor trails simply as radar targets of the absorption and magnetoionic effects in the D-region of the ionosphere. (Proposed by T. R. Kaiser.)
12. To study the influences of interplanetary dust in promoting recombination of ions and electrons, or atomic combinations and reactions. (Proposed by S. Chapman.)
13. To ensure that amateur astronomers do not become discouraged or indifferent to visual observations of meteors for the determination of the hourly rate and magnitude distribution, and for the study of fireballs and persistent trains. (Proposed by C. P. Olivier.)
14. To refer and discuss in future all publications on Zodiacal Light as an important component of interplanetary matter and to keep contact on this subject with Commissions 12, 15, 20, 21, 43, and 44. (Proposed by N. Richter.)

#### 22 a. SOUS-COMMISSION DES METEORITES

##### **Report of Meeting, 17 August 1961**

PRESIDENT: F. L. Whipple.  
SECRETARY: Z. Ceplecha.

The President reported that, in accordance with the decisions of the Executive Committee, the Sub-Commission would be dissolved. It had, however, been agreed that the Sub-Commission should become a 'Committee on Meteorites' within Commission 22.

#### 22 b. SOUS-COMMISSION POUR NORMALISER LA TERMINOLOGIE ET LES NOTATIONS CONCERNANT LES METEORES

##### **Report of Meeting, 17 August 1961**

PRESIDENT: P. M. Millman.  
SECRETARY: L. Jacchia.

One meeting of Sub-Commission 22 b was held in Berkeley at 16<sup>h</sup> on 17 August, 1961, with an attendance of fifteen astronomers who are working in the field of meteoric astronomy. The *Draft Report* was carefully discussed and, in addition to some of those named in this report, the following contributed to the discussion: Miss M. S. Burland, A. F. Cook, J. G. Davies, G. Guigay, I. Halliday, C. L. Hemenway, Miss D. Hoffleit, C. Hoffmeister, J. Hoppe,

E. L. Krinov (by mail), P. G. Kulikovsky, E. J. Öpik, F. L. Whipple, Miss F. W. Wright. After some revisions to the *Draft Report*, a final report was adopted as reproduced in *Trans. IAU 11A* p. 228.

Under definition J of Table 1 in the report, it is understood that the observed magnitude is corrected for distance to a standard of 100 km, and for atmospheric absorption to a standard of one vertical atmosphere. The word 'track' was informally suggested, and generally agreed to, for use in referring to the path of a meteor as it appears on a photographic plate.

The Sub-Commission is indebted to Dr L. Jacchia who acted as secretary and as general interpreter for any one of half a dozen or more languages.