

## 21. COMMISSION DE LA LUMINESCENCE DU CIEL

PRESIDENT: F. E. Roach.

### Scientific Session, 23 August 1967

The following presentations were made to the Commission, all on August 23 except for that of Kordylewski which was presented informally to a small group on August 29.

<i>Speaker</i>	<i>Topic</i>	<i>Reference</i>
Ščeglov	H alpha observations	<i>Astr. J. USSR</i> <b>41</b> , 331, 1964 <i>Astr. Circ. USSR</i> <b>44</b> , 414, 1967 <i>Astr. Circ. USSR</i> <b>44</b> , 411, 1967
Huruhata	Rocket Observations of 6300, 5577, 5300	<i>Space Research VIII</i> (in press)
Dachs	Airglow observations at Toumeb (S.W. Africa)	
Roach	(a) Summary of IQSY Observations (b) Galactic Light (c) Cosmic Light (d) New photometric map of the Milky Way	(a) <i>Annals of the IQSY</i> , 1967 (in press) (b) <i>Modern Astrophysics</i> , 1967 (in press) (c) <i>The Geophysical Jour</i> , 1968 (in press)
Weill	(a) Predawn enhancement of 6300 (b) Observations of NI 5200	(a) <i>C. r. Acad. Sci.</i> , <b>264</b> , 1685, 1967 (b) <i>C. r. Acad. Sci.</i> , <b>264</b> , 1286, 1967
Lebedinsky	Airglow observations from Cosmos 92	<i>Space Research VII</i> (1967)
Weinberg	Zodiacal Light Conference, Jan–Feb, 1967	Summary Report, Hawaii Institute of Geophysics HIG 67-13
Hoffmeister	Visual Observations of the Zodiacal Light	
Simpson	Observations of the Earth-Moon Libration Clouds	<i>Physics Today</i> , <b>20</b> , 39, 1967
Kordylewski	Observations of the Earth-Moon Libration Clouds	
Courtés	Ultraviolet Observations of the Zodiacal Light	<i>L'Astronomie</i> , Juin–Juillet, 1967

The following resolution was adopted by the Commission 21:

It is recommended that, during the next triennium, there should be a concentration of airglow observations at chains of stations along selected longitude meridians. New stations are particularly needed in the Southern Hemisphere.

Pairs of magnetically conjugate stations should be established wherever possible, and the inter-relationships between the airglow and the ionosphere should be studied by coordinated experiments.