

PART I

**REPORTS AND RECOMMENDATIONS PRE-
SENTED TO THE GENERAL ASSEMBLY
BY THE EXECUTIVE COMMITTEE AND
THE COMMISSIONS OF THE UNION**

EXECUTIVE COMMITTEE

PRESIDENT:

Dr F. SCHLESINGER, Director of the Yale Observatory, New Haven, Conn.,
U.S.A.

VICE-PRESIDENTS:

Prof. T. BANACHIEWICZ, Directeur de l'Observatoire de Cracovie, Pologne.

Prof. E. BIANCHI, Direttore del R. Osservatorio Astronomico di Brera, Milano,
Italia.

Prof. C. FABRY, Professeur de Physique à l'Université de Paris, France.

Prof. N. E. NÖRLUND, Director of the Danish Geodetic Institute and Professor
of Mathematics in the University of Copenhagen, Denmark.

Prof. F. NUŠL, Professeur d'Astronomie dans la Karlova Université et Direc-
teur de l'Observatoire National, Praha, Tchécoslovaquie.

GENERAL SECRETARY:

Prof. F. J. M. STRATTON, Professor of Astrophysics, Cambridge University,
and Director of the Solar Physics Observatory, Cambridge; Gonville and
Caius College, Cambridge, England.

REPORT OF THE EXECUTIVE COMMITTEE, 1935

The reports of the Presidents of 31 scientific commissions represent the real activities of the Union between meetings of the General Assembly. The report of the Executive Committee is limited to the administrative side of the work of the Union.

COUNTRIES ADHERING TO THE UNION

Since the last meeting of the Union the U.S.S.R. has adhered to the Union, while India has withdrawn from the Union for financial reasons. The question of the general financial policy of the Union must come up for very careful consideration at the General Assembly. The following is the list of countries adhering to the Union and of the adhering organisations:

Country	Year of Adherence	Adhering Organisation
Argentine Republic	1927	Government.
Belgium	1920	Académie Royale de Belgique.
Brazil	1922	Serviço Geologico e Mineralogico, Rio de Janeiro.
Canada	1920	National Research Council, Ottawa.
Czecho-Slovakia ...	1922	Conseil National de Recherches, Prague.
Denmark	1922	Kongelige Danske Videnskabernes Selskab, København.
Egypt	1925	Government.
France	1920	Académie des Sciences, Paris.
Great Britain ...	1920	Royal Society, London.
Greece	1920	Académie d'Athènes, Athènes.
Holland	1922	Koninklijke Akademie van Wetenschappen, Amsterdam.
Italy	1921	Consiglio Nazionale di Ricerche, Roma.
Japan	1920	National Research Council, Tokyo.
Mexico	1921	Dirección de Estudios y Climatológicos, Tacubaya, D.F.
Norway	1922	Det Norske Videnskaps-Akademi, Oslo.
Poland	1922	Polska Akademia Umiejetnosci, Cracovie.
Portugal	1924	Government.
Roumania	1928	Comitetul National Astronomic
Spain	1922	Academia de Ciencias Exactas, Madrid.
Sweden	1925	Kungl. Vetenskapsakademien, Stockholm.
Switzerland ...	1923	Schweizerische Naturforschende Gesellschaft, Zürich.
United States ...	1920	National Research Council, Washington.
U.S.S.R.	1935	Academy of Sciences of the U.S.S.R.
Vatican City State	1932	Pontifica Accademia delle Scienze i Nuovi Lincei, Rome.

DECEASED MEMBERS

The Executive Committee regret to record the death of two ex-Presidents of the Union, Dr Benjamin Baillaud, the first President of the Union, and Professor W. de Sitter, President, 1928-32. The world of astronomy and the International Astronomical Union in particular are the poorer for the loss of their experience, guidance and helpfulness.

The full list of those members whose deaths are to be recorded with regret follows:
Dr B. Baillaud, past President of the Union, Honorary President of Commission 23.

Died July 8, 1934.

A. Belopolsky, Member of Commissions 13, 29. Died May 16, 1934.

Rev. P. Berloty, S.J., French National Committee. Died October 19, 1934.

A. N. Brown, Member of Commission 27. Died November 4, 1934.

Dr C. V. L. Charlier, Member of Commission 33. Died November 4, 1934.

Prof. W. de Sitter, past President of the Union. Member of Commissions 8, 24, 32.
Died November 20, 1934.

Prof. D. Eginitis, Member of Commissions 8, 13. Died March 14, 1934.
 Rev. T. E. Espin, Member of Commission 26. Died December 2, 1934.
 Dr W. J. Fisher, Member of Commission 22. Died September 2, 1934.
 Vice-Amiral Fournier, French National Committee. Died November 6, 1934.
 Prof. E. B. Frost, Member of Commission 30. Died May 14, 1935.
 Prof. F. Gonnessiat, Member of Commission 8. Died October 18, 1934.
 Dr J. Kaván, Czecho-Slovakian National Committee. Died March 30, 1933.
 Ir. W. E. Kruytbosch, Netherlands National Committee. Died October 11, 1934.
 E. Leroy, French National Committee. Died February 17, 1935.
 Dr J. Mascart, Member of Commission 5. Died March 28, 1935.
 P. Painlevé, French National Committee. Died October 29, 1933.
 Général T. Ramniceanu, Roumanian National Committee.
 A. N. Ribeiro, Member of Commissions 18, 31.
 Dr C. E. St John, late President of Commission 12. Died April 26, 1935.
 Generale Vacchelli, Italian National Committee. Died November 20, 1932.
 Abbé Verschaffelt, French National Committee. Died January 24, 1933.

NEW MEMBERS

The following were co-opted by the various commissions under By-law IV, 15:

F. Aguilar (19), I. Andrea (16), J. M. Baldwin (23), A. Belopolsky (13, 29), W. E. Bernheimer (28), S. Blažko (27), D. Brouwer (4), P. ten Bruggencate (27), H. E. Burton (19), H. B. Curlewis (23), S. S. da Gama (8, 19), N. Dneprovsky (8, 31), G. F. Dodwell (19), A. S. Donner (23), S. Einbu (27), C. T. Elvey (36), R. Emden (35), W. S. Finsen (26), E. Freundlich (13), R. Furuhjelm (23), J. Gadomski (27), B. P. Gerasimovič (13, 27), K. Graff (25, 27), W. Grotrian (13), P. Guthnick (25, 27, 30), Y. Hagihara (4), W. Hassenstein (25), J. Hellerich (25, 27), C. Hoffmeister (22, 27), A. Iwanoff (18), L. Jacchia (27), H. Kayser (14), H. Kienle (36), A. Kohlschütter (29, 32), E. Kohlschütter (18), A. Kopff (4, 5, 8, 20, 34), B. Kukarkin (27), F. Küstner (32), H. Ludendorff (3, 27), P. A. McNally (13), Z. A. Merfield (9), V. V. Michkovitch (20), W. W. Morgan (29), K. Müller (17), J. Nangle (23), F. J. Neubauer (5, 30), P. V. Neugebauer (5), B. Noumerov (20), E. J. Öpik (22), E. Paloque (23), E. J. Paraskévopoulos (28), E. J. Perepelkin (10), M. Perez (19), J. Peters (4), A. Pogo (5), R. Prager (27), E. Przybyllok (26), W. Rabe (26), K. Reinmuth (20, 28), C. Schalén (33), R. Schorr (8, 34), R. Schumann (19), A. Schwassmann (32), G. Shajn (30), G. Stracke (20), M. Subbotin (19), P. Swings (29), A. Unsöld (11, 12, 36), J. Verbaandert (31), H. Vogt (35), E. von der Pahlen (33), C. B. Watts (18), R. Wildt (16), E. L. Williams (19), C. W. Wirtz (28), J. Witkowski (18), G. Witt (34), H. E. Wood (6, 20), R. K. Young (30), W. Zessewitch (27).

The following not being members of commissions became members on being elected to national committees of astronomy of adhering countries:

Baize, Dr P., Bucholtzer, Contre-Amiral C., de Kerolyr, M., Ellison, Rev. W. F. A., Elmer, C. W., Leonard, Dr F. C., MacDonald, T. L., Mohr, Dr J. M., Ono, Rear-Admiral Y., Plummer, Prof. H. C., Seydl, Dr O., Šternberk, Dr B., Stokley, J., Suzuki, Major-General M., Tremblot, M., Werhlé, M.

The following were nominated as members by national committees of astronomy:
Belgium. Arend, Dr S., Bourgeois, Dr P., Dermul, A., Seligmann, Général H., Vandekerkhove, Dr E.
France. Chatelu, J., Rudaux, L.

Great Britain. Beer, Dr A., Bellamy, F. A., Bennett, A. F., Chandrasekhar, Dr S., Dobbie, Dr J. C., Fotheringham, Dr J. K., Hall, Dr W., Hargreaves, F. J., Jolly, Capt. H. L. P., Levin, Major A. E., Lindley, Capt. W. M., Lowater, Miss F., McCrea, Dr W. H., Robbins, F., Ryves, P. M., Waterfield, Dr R. L., Williams, Miss K., Winterbotham, Brigadier H. St J. L.

Netherlands. Van Herk, A., Zanstra, Dr H.

South Africa. Van Gent, Dr H.

Sweden. Asklöf, Dr S., Holm, Dr Sture, Ohlsson, Dr John, Wallenquist, Dr Å.

United States. Hellweg, Capt., King, Dr A. S., Kuiper, Dr G., Oosterhoff, Dr P. Th., Van de Kamp, Dr P.

Changes in membership of commissions and of office in the Union were notified to members of the Union in five circulars issued by the General Secretary.

APPOINTMENTS MADE BY THE EXECUTIVE COMMITTEE

Sir Frank Dyson resigned from the Presidency of Commission 8 and Dr C. E. St John from that of Commission 12. Dr J. Jackson and Prof. G. Abetti were appointed respectively to succeed them by the Executive Committee. The Union was invited by the International Council of Scientific Unions to nominate a member of a committee on Instruments and Methods of Research. M. Fabry, Vice-President of the Union, was appointed. The General Secretary, as Deputy for the President, represented the Union at the triennial meeting of the International Council of Scientific Unions held at Brussels in July 1934 and gave a report on the recent activities and the scope of work of the International Astronomical Union. Prof. E. Bianchi, Vice-President, represented the Union at the tercentenary celebration of the foundation of the Leiden University Observatory in October 1933. The General Secretary represented the Union at the centenary of the Royal Observatory at Uccle in May 1935.

INCOME AND EXPENDITURE

The accounts for the years 1932, 1933, 1934 are given below. The balance on January 1, 1935 was £2617. 3s. 4¹/₂d. This does not represent the true balance, as a large amount of the money has already been allotted. (1) £1284 has been allotted to the *Carte du Ciel* and is at present unexpended. (2) £220 will be required for the List of Lunar Formations and Map of the Moon. (3) £140 will be required for the printing of the Detailed Observations of the Bureau for the Variation of Latitude. (4) The sum for the annual grants for 1935—£1200—must be available at the beginning of the year as working capital as the subscriptions always come in late, frequently being several years in arrears. The balance, large as it may appear, is therefore insufficient to meet all the commitments of the Union, if the money for all of them should be needed at the beginning of the year. That is to say that there is no money in hand which can properly be allotted to grants in the coming years and the Finance Committee should budget for a sum equal to the total grants that may be approved.

The Executive Committee wish to draw the special attention of commissions to resolution 4 of the Finance Committee adopted by the General Assembly at the Cambridge meeting in 1932 (*Trans. I.A.U.* 4, 281, 1932). The loss of one more country from the Union on financial grounds and representations from a number of countries that the unit of subscription should be lowered all make it clear that the grants to be made by the Union must be lowered in the general interest of the Union.

INCOME AND EXPENDITURE, 1932

INCOME

By Subscriptions (for 1932 unless otherwise stated):

	£	s. d.
July 16 Belgium ...	48	7 7
May 9 Canada ...	64	3 6
Oct. 10 Denmark ...	25	10 3
Oct. 10 Egypt ...	75	11 8
Oct. 12 France ...	160	19 1
Oct. 12 Great Britain ...	142	16 0
Dec. 21 India ...	208	15 10
Oct. 12 Italy (1930, 1931, 1932)	401	16 5
Feb. 10 Japan (1931) ...	142	16 0
Sept. 6 Mexico (1931) ...	68	11 8
Mar. 16 Norway (to complete 1931)	19	6 0
Oct. 10 Norway ...	25	10 3
Oct. 22 Poland (1931) ...	142	16 0
Oct. 10 Portugal (1927-30) ...	119	15 8
Feb. 27 Roumania (1932, part) ...	25	3 11
Oct. 10 Sweden ...	50	0 6
May 14 Switzerland ...	23	16 11
Jan. 13 U.S.A. (1931) ...	203	2 4
Interest on Deposit Account ...	1948	19 7
Sale of <i>Transactions</i> ...	12	5 10
Balance, January 1, 1932 ...	30	12 11
	1274	8 0

∞

£3266 6 4

EXPENDITURE

To Grants to Commissions:

	£	s. d.
<i>Commission 6:</i>		
Jan. 1 Prof. Strömgren (1932)	66	0 0
Jan. 12 Prof. Strömgren (1931)	3	6 0
<i>Commission 12:</i>		
Jan. 1 Prof. Abetti (1932) ...	60	0 0
Jan. 8 Prof. Esclangon (1932)	125	0 0
<i>Commission 19:</i>		
Mar. 8 Prof. Kimura (1932) ...	100	0 0
Feb. 27 Dr Muller ...	28	8 0
<i>Commission 23:</i>		
June 25 Mr Bellamy (1932) ...	55	8 5
<i>Commission 27:</i>		
Mar. 23 Prof. Banachiewicz (1932)	25	0 0
Dec. 14 Prof. Banachiewicz (1933)	46	14 3
<i>Commission 31:</i>		
Jan. 14 Prof. Esclangon (1932)	250	0 0
Sept. 3 Prof. Esclangon (1932)	250	0 0
Nov. 9 Prof. Esclangon ...	151	10 4
(Supplementary grant)		
<i>Commission 34:</i>		
Feb. 17 Dr Witt ...	50	0 0
<i>Commission on Solar and Terrestrial Relationships:</i>		
Jan. 25 Prof. Esclangon ...	40	0 0
	1251	7 0

International Council of Scientific Unions (subscriptions for 1932)

<i>Secrétariat:</i>		
Printing and Stationery ...	29	1 11
Clerical Assistance ...	29	18 0
Postage and Bank Stamps	18	4 8
Secretary's travelling expenses to General Assembly ...	58	15 0
Cambridge local committee's expenses ...	55	0 7

191 0 2
1461 16 2
1804 10 2
£3266 6 4

Balance, January 1, 1933 ...

INCOME AND EXPENDITURE, 1933

INCOME

By Subscriptions (for 1933 unless otherwise stated):

	£	s.	d.
Apr. 5 Canada ...	45	3	0
Feb. 11 Czecho-Slovakia (1931) ...	76	3	5
Sept. 12 Denmark ...	24	14	10
Aug. 31 Egypt ...	73	1	1
Nov. 22 France ...	186	15	5
Feb. 18 Great Britain ...	180	5	8
Feb. 14 Holland (1932) ...	50	11	2
Oct. 23 Holland ...	48	2	2
Mar. 29 Japan (1932) ...	224	4	11
Oct. 2 Mexico (1932) ...	84	6	11
Oct. 14 Norway ...	27	9	4
Apr. 5 Poland (1932) ...	142	16	0
June 13 Portugal (1931, 1932, 1933) ...	119	15	7
Mar. 14 Roumania (to complete 1932) ...	99	8	11
Nov. 24 Roumania ...	120	3	2
Jan. 14 Spain (1932) ...	206	5	0
Jan. 25 Spain (1930, 1931, 1933) ...	413	19	9
Nov. 13 Sweden ...	53	8	2
June 10 Switzerland ...	22	12	7
July 21 U.S.A. (1932) ...	209	10	1
Sept. 10 U.S.A. ...	223	16	9
Interest on Deposit Account ...	2632	13	11
Sale of <i>Transactions</i> ...	8	2	5
Balance, January 1, 1933 ...	8	8	1
Balance, January 1, 1933 ...	1804	10	2

£4453 14 7

EXPENDITURE

To Grants to Commissions:

	£	s.	d.
<i>Commission 6:</i>	62	5	5
Jan. 7 Prof. Strömberg (1933)	71	1	0
Dec. 1 Prof. Strömberg (1934)			
<i>Commission 12:</i>	86	5	1
Jan. 7 Prof. Abetti (1933) ...	172	12	3
Jan. 7 Prof. Escalangon (1933)			
<i>Commission 19:</i>	143	17	8
Jan. 7 Prof. Kimura (1933)			
<i>Commission 31:</i>	231	1	8
Jan. 7 Prof. Nörlund (1933) ...	232	3	1
July 3 Prof. Nörlund (1933) ...			
<i>Commission 34:</i>	35	3	3
Jan. 7 Dr Witt (1933) ...	33	15	8
Apr. 19 Dr Hopmann (1933) ...	37	5	2
Oct. 10 Dr Hopmann (1933) ...			
<i>Commission 35:</i>	92	7	6
Jan. 17 (Neill & Co.: cost of tables) ...			
International Council of Scientific Unions (1933) ...	26	0	3
Refund of overpayment of subscriptions:			
Japan ...	25	2	0
Sweden ...	5	17	5
<i>Secrétariat:</i>			
Printing and Stationery ...	411	13	8
Clerical Assistance ...	10	7	3
Postage and Bank Stamps ...	6	13	2½
Delegate's expenses (Prof. Bianchi)	32	5	11
Balance, January 1, 1934 ...	461	0	0½
Balance, January 1, 1934 ...	1715	17	5½
Balance, January 1, 1934 ...	2737	17	1½
Balance, January 1, 1934 ...	£4453	14	7

INCOME AND EXPENDITURE, 1934

INCOME

By Subscriptions (for 1934 unless otherwise stated):

	£	s. d.
Mar. 6 Belgium (1933, part) ...	35	9 9
July 1 Belgium (1933 to complete) ...	15	12 0
Dec. 7 Belgium ...	52	10 6
Mar. 8 Canada ...	50	7 2
Mar. 10 Czechoslovakia (1932) ...	85	1 10
Sept. 18 Denmark ...	26	5 3
Sept. 18 Egypt ...	78	19 3
Aug. 4 France ...	206	16 8
Dec. 5 Holland ...	52	4 7
Apr. 30 Japan (1933) ...	203	0 6
Dec. 3 Japan ...	208	14 6
Dec. 28 Mexico (1933, part) ...	27	19 3
Sept. 24 Norway ...	23	5 1
Jan. 3 Poland ...	142	16 0
July 26 Spain ...	206	7 11
Oct. 26 Sweden ...	33	8 0
June 13 Switzerland ...	25	13 10
Interest on Deposit Account ...	1474	12 1
Sale of Transactions ...	10	17 6
Balance, January 1, 1934 ...	1	5 0
	2737	17 1½

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EXPENDITURE

To Grants to Commissions:

	£	s. d.
<i>Commission 6:</i>		
Dec. 20 Prof. Strömgen (1935)	78	17 11
<i>Commission 12:</i>		
Jan. 4 Prof. Abetti (1934) ...	89	8 5
Jan. 4 Prof. Esclangon (1934)	179	13 11
<i>Commission 17:</i>		
July 5 Sir Frank Dyson ...	5	0 0
<i>Commission 19:</i>		
Jan. 4 Prof. Kimura (1934) ...	158	16 8
<i>Commission 23:</i>		
Dec. 28 (Ward Humphries & Co. for Dr Bhaskaran) ...	263	5 0
<i>Commission 27:</i>		
Jan. 4 Prof. Banachiewicz (1934)	47	15 3
Dec. 19 Prof. Banachiewicz (1935)	52	12 3
<i>Commission 31:</i>		
Jan. 4 Prof. Nörlund (1934) ...	239	11 10
July 31 Prof. Nörlund (1934) ...	261	12 2
<i>Commission 34:</i>		
Aug. 24 Dr Spencer Jones ...	50	0 0
1426	13	5
International Council of Scientific Unions (1934) ...		15 8 0
Refund of overpayment of subscriptions: U.S.A. ...		25 7 0
<i>Secretariat:</i>		
Printing and Stationery ...	107	8 3
Clerical Assistance ...	14	9 0
Postage and Bank Stamps ...	7	12 8
Delegate's expenses to International Council (Prof. Stratton) ...	10	10 0
139	19	11

Balance, December 31, 1934 ...

£4224 11 8½

1607 8 4
2617 3 4½
£4224 11 8½

Applications for grants from commissions must be very carefully scrutinised before they are sent in to the Executive Committee for approval.

It should be borne in mind that a definite increase in expenditure under the head of printing has been incurred in the presentation of free copies of the *Transactions* of the Union to libraries of approved observatories under the present By-laws of the Union.

PUBLICATIONS

In addition to vol. iv of the *Transactions* of the Union the following volumes have been published under the auspices of the various commissions of the Union with the aid of subventions from the Union.

Commission 12. *Immagini Spettroscopiche del Bordo Solare.* ABETTI.

Cartes Synoptiques de la Chromosphère et Catalogue des filaments de la Couche Supérieure. D'AZAMBUJA.

Commission 23. *Astrographic Catalogue 1900.0, Hyderabad Section (Part III), Dec + 36° to + 39°, vol. ix: Measures of Rectangular Coordinates and Diameters of 65,782 Star-images on plates with centres in + 39°.* BHASKARAN.

Commission 27. *Minima of Eclipsing variables 1933, 1934, 1935.* BANACHIEWICZ.

Commission 31. *Bulletins Horaires du Bureau de l'Heure.* ESCLANGON.

The volumes containing the list of lunar formations and the maps of the Moon prepared under Commission 17 by Miss Blagg and Dr Müller are in the Press and it has been arranged to distribute along with them, to such observatories as have asked for it, the earlier volume "Collated List of Lunar Formations" prepared by Miss Blagg and the late S. A. Saunder in 1913 for the Lunar Nomenclature Committee of the International Association of Academies. Vol. vii of the Results of the International Latitude Service for the printing of which a special grant was made to Commission 19 is also in the Press.

THE MEETING AT PARIS

At the meeting at Cambridge an invitation was received through Prof. Esclangon from the French delegates for the next meeting of the Union to be held at Paris, the birthplace of the *Carte du Ciel* and the home of international astronomical conferences in connection with the Astrographic Catalogue, Fundamental Stars, and the *Bureau de l'Heure*. The invitation was cordially accepted and the date was subsequently fixed by the French local Committee, in consultation with the Executive Committee of the Union, for the week, July 10-17, 1935. A local committee was formed with M. le Comte de la Baume Pluvinel, President of the French National Committee of Astronomy, as President and MM. Jules Baillaud and A. Lambert as Secretaries. In response to letters to National Committees and Adhering Organisations one proposed amendment to the By-laws and a number of motions were sent to the General Secretary by February 10, 1935 and these were all circulated to the same group of bodies. In accordance with the By-laws the proposed amendment and motions have been placed on the Agenda for the first meeting of the General Assembly. Draft reports of the various commissions were asked for by March 31, 1935 and those received in time have been bound together and issued in advance of the meeting to all members who have notified their intention of being present.

The official opening of the Congress on the morning of July 10 will be followed as usual by meetings of the standing Commissions. Requests for grants during the

three years 1936–8 must be in the hands of the General Secretary by midday on Monday, July 15, in time for consideration by the Executive Committee and the Finance Committee. The latter Committee and the standing Commissions will report to the General Assembly on the morning of Wednesday, July 17. At this meeting the Executive Committee will submit nominations for the new Executive Committee (By-law III, 11). The President, the General Secretary and Profs. Fabry, Nörlund and Nušl retire from the Executive Committee at the end of the Paris meeting. The new Executive Committee and the new standing Commissions will be elected at the final session of the General Assembly on Wednesday, July 17.

During the meeting an exhibition of astronomical instruments and photographs arranged by the French National Committee will be open at the Centre Marcelin Berthelot.

Agenda for the First Meeting of the General Assembly:

1. Official opening of the Congress.
2. Address by the President of the Union.
3. Appointment of Recorders for the Meeting.
4. Report of the Executive Committee.
5. Appointment of Finance Committee—one member to be nominated by each adhering country.
6. Appointment of Committee to advise the Executive Committee in the selection of members of standing Commissions.
7. Amendment to By-law IV, 15.

Que le premier paragraphe de l'article 15 du projet de règlement soit rédigé ainsi qu'il suit:

Le Président et les membres de chaque comité sont choisis parmi les savants des contrées adhérentes et élus par l'Assemblée Générale sur une proposition du comité exécutif de l'Union faite après une consultation du président du comité sortant ou de son remplaçant. (Great Britain.)

8. Resolutions submitted by national committees of astronomy:

(a) That the General Assembly be asked to explore the possibility of reducing the number of symbols used for astronomical time. (Great Britain.)

(b) Que l'Union fasse une démarche auprès de la direction du Nautical Almanac pour en obtenir que la dénomination de *Greenwich Mean Time* (G.M.T.) conserve son sens traditionnel, le Nautical Almanac consentant à remplacer ce terme par un terme nouveau s'il ne désire pas adopter l'expression *Greenwich Civil Time* (G.C.T.). (Belgium.)

(c) Que la Commission 3 (Notations, Unités et Economie des Publications) publie un complément, mentionnant les modifications à la liste des *Observatoires astronomiques et des Astronomes*, parue en 1931 (cf. *Trans. I.A.U.* 3, 1928, p. 17). (Belgium.)

(d) Que la Commission 16 soit dédoublée en une commission de la morphologie des planètes, des satellites et des comètes et une commission de l'étude par les méthodes de l'astrophysique des planètes, des satellites et des comètes. (France.)

(e) Qu'une commission nouvelle soit créée, chargée de l'examen des questions relatives aux occultations d'étoiles par la Lune, aux observations des positions de la Lune, à la rotation de la Terre. Parmi ces questions figurent notamment celles qui touchent aux points suivants:

Coordination des travaux des observatoires qui ont inscrit ou se proposent d'inscrire les occultations à leur programme;

Perfectionnement des méthodes d'observation et de réduction (cartes et catalogues d'étoiles occultées, etc.). (France.)

Meetings of standing Commissions for discussions of Reports and Recommendations in the Centre Marcelin Berthelot.

The first meetings of Commissions have been arranged as follows:

Jeudi le 11 juillet 9.30	Commission 6	Télégrammes
	Commission 12	Radiation et Spectroscopie Solaire
	Commission 27	Etoiles Variables
	Commission 28	Nébuleuses
Jeudi le 11 juillet 10.30	Commission 30	Vitesses Radiales
	Commission 3	Nomenclatures
	Commission 19	Variation des Latitudes. Selected Areas
Jeudi le 11 juillet 14.0	Commission 32	
	Commission 4}	Ephémérides
	Commission 8}	Astronomie Méridienne (Ensemble)
	Commission 5	Bibliographie
	Commission 10	Taches Solaires et Figures caractéristiques solaires
Jeudi le 11 juillet 15.0	Commission 16	Observations Physiques des Planètes
	Commission 36	Spectrophotométrie
	Commission 24	Parallaxes Stellaires et Mouve- ments Propres
	Commission 31	l'Heure
Vendredi le 12 juillet 9.30	Commission 11	Phénomènes Chromosphériques
	Commission 14	Etalons de Longueur d'Onde
	Commission 22	Etoiles Filantes
	Commission 23	Carte du Ciel
	Commission 26	Etoiles Doubles
Vendredi le 12 juillet 10.30	Commission 4	Ephémérides
	Commission 13	Eclipses Solaires
	Commission 25	Photométrie Stellaire
Samedi le 13 juillet 9.30	Commission 9	Instruments
	Commission 20	Ephémérides de Petites Planètes
	Commission 29	Classification Spectrale des Etoiles
	Commission 34	Parallaxe Solaire
Samedi le 13 juillet 10.30	Commission 18	Longitudes
Lundi le 15 juillet 9.30	Commission 8	Astronomie Méridienne
	Commission 33	Statistique Stellaire
Lundi le 15 juillet 10.30	Commission 17	Nomenclature Lunaire
	Commission 35	Constitution des Etoiles