

V. THE PUBLICATIONS OF THE INTERNATIONAL ASTRONOMICAL UNION

Introduction

The following is a list of publications that have been published by, or directly for, the IAU, or sponsored in some way by the Union (with or without the aid of an IAU grant towards the cost of printing); no attempt has been made to separate the publications according to the various degrees of IAU sponsorship. This list does *not* represent a formal and comprehensive bibliography of literature published or sponsored by the IAU, but is intended only to assist Members of the Union, and others, in obtaining IAU publications as easily as possible, and to serve as a general guide to the principal publications supported in some way by the Union. Some of the information included is for record only, as certain publications are now out of print, especially the earlier volumes of the *Transactions*.

Full particulars regarding prices, method of ordering, etc., are not available in all cases. Indications given in brackets are intended for Members of the Union; for example (M: \$3.50. Orders to the Assistant Secretary) indicates that Members may secure the volume on application to the IAU Assistant Secretary at the price of \$3.50. All applications to the Assistant Secretary should be addressed as follows:

Assistant Secretary, IAU, Observatoire de Nice, Le Mont-Gros, 06-Nice, France.

Particulars regarding Symposium volumes, and other IAU publications, published subsequent to the present list will be given in the *IAU Information Bulletins*, which appear about twice a year. Also included in the *Information Bulletins* are particulars regarding meetings organized by, or of special interest to, the IAU; information regarding the activities of Commissions, of the International Council of Scientific Unions, and of its scientific committees and Inter-Union Commissions; and various announcements of an administrative nature. The *Information Bulletins* are distributed to all Members of the Union, to Adhering Organizations and National Committees of Astronomy, to institutions on the IAU distribution list and to other institutions and International Scientific Unions.

Index to Publications

The following index is an alphabetical guide to the publications named (generally in chronological order) in the list beginning page 42. This index is primarily a title index, although, where possible, certain cross-references have been made according to subject.

	<i>Page</i>
Abundance Determination in Stellar Spectra (Symposium no. 26)	44
Aerodynamic Phenomena in Stellar Atmospheres. Fourth Symposium on Cosmical Gas Dynamics (Symposium no. 12)	43
Apparent Places of Fundamental Stars	46
Astrographic Catalogues	47
Astronomical Constants (The System of . . .) (Symposium no. 21)	44
Astronomical News Letters	45
Astronomical Observations from Space Vehicles (Symposium no. 23)	44

	<i>Page</i>
Atlas Céleste	46
Atlas of Representative Cometary Spectra	48
Atomic Time Standards (Rotation of the Earth and . . .) (Symposium no. 11)	43
Bibliography of Eclipsing Binaries	44
Bulletins Horaires du Bureau de l'Heure	45
Cartes Synoptiques	45
Catalogue Général de 3350 Etoiles Doubles de Faible Eclat Observées de 1906 à 1962	49
Catalogue of Cometary Orbits	48
Catalogue of 9867 Stars in the Southern Hemisphere with Proper Motions Exceeding 0"2 Annually	48
Catalogue of 7127 Stars in the Northern Hemisphere with Proper Motions Exceeding 0"2 Annually	48
Choix des Sites (Site Testing) (Symposium no. 19)	44
Circulars (of Commissions)	44
Circulars (Minor Planet Center . . .)	45
Circulars (IAU Telegram Bureau . . .)	45
Clusters and Stellar Evolution	49
Colloquia (Proceedings of IAU . . .)	49
Cometary Spectra (Atlas of Representative . . .)	48
Comparison of the Large-Scale Structure of the Galactic System with that of other Stellar Systems (Symposium no. 5)	43
Constellations (Délimitation Scientifique des . . .)	46
Conversion of Galactic Coordinates (Tables for the . . .)	48
Co-ordination of Galactic Research (Symposium no. 1)	43
Co-ordination of Galactic Research—Second Conference (Symposium no. 7)	43
Cosmical Gas Dynamics—Third Conference (Symposium no. 8)	43
Cosmical Gas Dynamics—Fourth Conference (Symposium no. 12) (see Aerodynamic Phenomena in Stellar Atmospheres)	43
Délimitation Scientifique des Constellations	46
Deuxième Opération Internationale des Longitudes	48
Eclipsing Binaries (Bibliography of . . .)	44
Electromagnetic Phenomena in Cosmical Physics (Symposium no. 6)	43
Empirical Determination of Stellar Photospheric Structure	49
English Versions of Introductions and Remarks from "The General Catalogue of Variable Stars"	46
Etoiles Doubles (Catalogue Général de 3350 . . . de Faible Eclat Observées de 1906 à 1962)	49
Etoiles Doubles (Circulaires d'Information)	44
Extra-galactic Research (Problems of . . .) (Symposium no. 15)	44
Future of the International Latitude Service (Symposium no. 13)	43
Galactic Coordinates (New IAU System of . . .—1958 Revision)	48
Galactic Coordinates (Tables for the Conversion of . . .)	48
Galactic Research (Co-ordination of . . .) (Symposia nos. 1 and 7)	43

PUBLICATIONS

41

	<i>Page</i>
Galaxy and the Magellanic Clouds (The) (Symposium no. 20)	44
Gas Dynamics of Cosmic Clouds (Symposium no. 2)	43
General Catalogue of Trigonometric Stellar Parallaxes	48
Heliographische Karten der Photosphäre	46
Hertzsprung-Russell Diagram (Symposium no. 10)	43
Information Bulletins of the IAU (see Introduction above)	39
International Latitude Service (The Future of the . . .) (Symposium no. 13)	43
International Latitude Service (Results of the . . .)	47
International Polar Motion Service (Monthly Notes of the . . .)	45
Longitudes (La Deuxième Opération Internationale des . . .)	48
Lunar Formations (Named . . .)	46
Magellanic Clouds (The Galaxy and the . . .) (Symposium no. 20)	44
Minima of Eclipsing Variables	46
Minor Planet Circulars	45
Monthly Notes of the International Polar Motion Service	45
Moon (The) (Symposium no. 14)	43
Multicolour Photometry (Spectral Classification and . . .) (Symposium no. 24)	44
Named Lunar Formations	46
Name-Lists of Variable Stars	46
New IAU System of Galactic Coordinates—1958 Revision	48
Non-Stable Stars (Symposium no. 3)	43
Observatoires Astronomiques et les Astronomes (Les)	47
Orbits in the Solar System and in Stellar Systems (The Theory of . . .) (Symposium no. 25)	44
Paris Symposium on Radio Astronomy (Symposium no. 9)	43
Problems of Extra-galactic Research (Symposium no. 15)	44
Quarterly Bulletins on Solar Activity	45
Radio Astronomy (Symposium no. 4)	43
Radio Astronomy (Paris Symposium on . . .) (Symposium no. 9)	43
Reports on Solar-Terrestrial Relations	49
Representative Cometary Spectra (Atlas of . . .)	48
Results of the International Latitude Service	47
Rotation of the Earth and Atomic Time Standards (Symposium no. 11)	43
Site Testing (Symposium no. 19)	44
Solar Activity (Quarterly Bulletins on . . .)	45
Solar Corona (The) (Symposium no. 16)	44
Solar-Terrestrial Relations (Reports on . . .)	49
Spectral Classification and Multi-Colour Photometry (Symposium no. 24)	44
Stellar Atmospheres (The Theory of . . .)	49
Stellar Evolution (Clusters and . . .)	49
Stellar Photospheric Structure (The Empirical Determination of . . .)	49

	<i>Page</i>
Stellar and Solar Magnetic Fields (Symposium no. 22)	44
Symposia (Proceedings of IAU . . .)	43
System of Astronomical Constants (Symposium no. 21)	44
Tables for the Conversion of Galactic Coordinates	48
Telegram Bureau Circulars	45
Theoretical Interpretation of Upper Atmosphere Emissions (Symposium no. 18)	44
Theory of Orbits in the Solar System and in Stellar Systems (Symposium no. 25)	44
Theory of Stellar Atmospheres	49
Transactions of the IAU	42
Trigonometric Stellar Parallaxes (General Catalogue of . . .)	48
Upper Atmosphere Emissions (The Theoretical Interpretation of . . .) (Symposium no. 18)	44
Variable Stars (Information Bulletin on . . .)	44
Variable Stars (Name Lists of . . . and English Versions of Introductions and Remarks to the General Catalogue of . . .)	46
Visual Double Stars (Symposium no. 17)	44

A. TRANSACTIONS OF THE IAU

The *Transactions* of the IAU are composed of periodical reports of the Commissions of the Union and the proceedings of IAU General Assemblies, held normally every three years. *Volumes I, III, V, VI and VII of the Transactions are now out of print.* All orders for Volumes II, IV, VIII and IX should be addressed to the Assistant Secretary. Non-members should place orders for volume X onwards either with the relevant publisher or with a bookseller; Members should order through the Assistant Secretary, except in the case of Volumes XII, in order to be eligible for the reduced prices given in brackets (see Introduction above).

The following list gives the number of the volume, the place and year of the General Assembly, the number of pages, the publisher, the year of publication and the prices.

- I—Rome, 1922; pp. 247; Imperial College Bookstall (out of print).
- II—Cambridge, U.K., 1925; pp. 287; Imperial College Bookstall; £0 18s. od.
(M: £0 16s. od.).
- III—Leiden, 1928; pp. 348; Cambridge University Press, 1929 (out of print).
- IV—Cambridge, U.S.A., 1932; pp. 328; Cambridge University Press, 1933; £1 2s. 6d.
(M: £1 os. od.).
- V—Paris, 1935; pp. 429; Cambridge University Press, 1936 (out of print).
- VI—Stockholm, 1938; pp. 518; Cambridge University Press, 1939 (out of print).
- VII—Zürich, 1948; pp. 552; Cambridge University Press, 1950 (out of print).
- VIII—Rome, 1952; pp. 887; Cambridge University Press, 1954; £3 3s. od. (M: £2 os. od.).
- IX—Dublin, 1955; pp. 802; Cambridge University Press, 1957; £4 os. od. (M: £2 10s. od.).
- X—Moscow, 1958; pp. 774; Cambridge University Press, 1960; £4 10s. od. (M: £3 os. od.).
- XIA—Berkeley, 1961; pp. 577; Academic Press, 1962; £4 os. od. (M: £2 10s. od.).
- XIB—Berkeley, 1961; pp. 544; Academic Press, 1962; £4 os. od. (M: £2 10s. od.).
- XIIA—Hamburg, 1964; pp. 809; Academic Press, 1965; £8 os. od. (M: £5 4s. od.) (Add for packing and postage: £0 6s.; \$0.85; or F. Frs 4.25; £0 4s. within U.K.).
- XIIB—Hamburg, 1964; pp. 672; Academic Press, 1966; £7 os. od.
- XIIC—Hamburg, 1964; pp. 207; Academic Press, 1966.

B. PROCEEDINGS OF IAU SYMPOSIA

The following is a list of the volumes of proceedings of IAU Symposia published in a numbered series. *Volumes 1, 3 and 5 are now out of print.* If not otherwise indicated, non-Members should order volumes from the named publishers or through a bookseller. Members should send orders to the addresses given in brackets; where there is a special price to Members this is also given in brackets. The number and title of the Symposium is followed by the name of the editor(s), the number of pages, the publisher, year of publication and prices.

1. Co-ordination of Galactic Research; ed. by A. Blaauw; pp. 59; Cambridge University Press, 1955 (out of print).
2. Gas Dynamics of Cosmic Clouds; ed. by H. C. van de Hulst and J. M. Burgers; pp. 247; North-Holland Publishing Co., 1955; 19 Dutch Guilders (M: 19 Dutch Guilders. Orders to the North-Holland Publishing Co., Voorburgwal 68-70, Amsterdam C, The Netherlands.)
3. Non-Stable Stars; ed. by G. H. Herbig; pp. 200; Cambridge University Press, 1957 (out of print).
4. Radio Astronomy; ed. by H. C. van de Hulst; pp. 409; Cambridge University Press, 1957; £2 10s. od. (M: £1 10s. od. Orders to the Assistant Secretary).
5. Comparison of the Large-Scale Structure of the Galactic System with that of other Stellar Systems; ed. by N. G. Roman, pp. 72; Cambridge University Press, 1958 (out of print).
6. Electromagnetic Phenomena in Cosmical Physics; ed. by B. Lehnert; pp. 545; Cambridge University Press, 1958; £2 10s. od. (M: £1 10s. od. Orders to the Assistant Secretary).
7. Second Conference on Co-ordination of Galactic Research; ed. by A. Blaauw, G. Larsson-Leander, N. G. Roman, A. Sandage, A. D. Thackeray and H. F. Weaver; pp. 93; Cambridge University Press, 1959; £0 15s. od. (M: £0 10s. od. Orders to the Assistant Secretary).
8. Proceedings of the Third Symposium on Cosmical Gas Dynamics; ed. by J. M. Burgers and R. N. Thomas; pp. 203; reprinted from *Reviews of Modern Physics*, 1958; \$3.25 (bound), \$2.25 (unbound). *All orders to: Miss Ruth Bryans, Publications Manager, American Institute of Physics, 335 East 45th St., New York, N.Y. (M: same as above).*
9. Paris Symposium on Radio Astronomy; ed. by R. N. Bracewell; pp. 612; Stanford University Press, 1959; \$15.00 (M: \$3.50. Orders to the Assistant Secretary).
10. The Hertzsprung-Russell Diagram; ed. by J. L. Greenstein; pp. 129; reprinted from *Annales d'Astrophysique*, 1959; app. 27 Frs. (bound), 22 Frs. (unbound). *All orders to: Service des Publications du C.N.R.S., 15 quai Anatole-France, Paris-7e, France (M: app. 17 Frs. (bound), 14 Frs. (unbound)).*
11. The Rotation of the Earth and Atomic Time Standards; ed. by D. Brouwer; pp. 44; reprinted from the *Astronomical Journal*, 1959; \$1.00. *All orders to: Astronomical Journal, Yale University Observatory, New Haven, Connecticut, U.S.A. (M: \$0.60).*
12. Aerodynamic Phenomena in Stellar Atmospheres; ed. by R. N. Thomas; pp. 515; reprinted from *Il Nuovo Cimento*, 1961; \$8.40. *All orders to the Assistant Secretary (M: \$5.60).*
13. The Future of the International Latitude Service; ed. by P. Melchior; pp. 97; reprinted from *Bulletin Géodésique*, 1961; \$2.25. *All orders to the Assistant Secretary (M: \$1.50).*
14. The Moon; ed. by Z. Kopal and Z. K. Mikhailov; pp. 571; Academic Press, 1962; \$17.50 (M: \$12.75. Orders to the Assistant Secretary).
15. Problems of Extra-Galactic Research; ed. by G. C. McVittie; pp. 450; Macmillan Co., 1962; \$11.00 (M: \$7.50. Orders to the Assistant Secretary).

16. The Solar Corona; ed. by J. W. Evans; pp. 344; Academic Press (New York), 1963; \$14.00 (M: \$9.00. Orders to the Assistant Secretary).
17. Visual Double Stars; ed. by S. L. Lippincott; pp. 34; reprinted from *Publications of the Astronomical Society of the Pacific*, 1962. All orders to: Sproul Observatory, Swarthmore College, Swarthmore, Pennsylvania, U.S.A. (M: no charge).
18. The Theoretical Interpretation of Upper Atmosphere Emissions; ed. by D. R. Bates; pp. 264; reprinted from *Planetary and Space Science* (Pergamon Press), 1963; £3 10s. od. (+ 2s. 6d. packing and postage). All orders to Pergamon Press Ltd., Headington Hill Hall, Oxford, England (M: £2 2s. od. (+ 2s. 6d.); or \$6.00 (+ \$0.50); or 28 Frs. (+ 2 Frs.)).
19. Site Testing (Choix des Sites); ed. by J. Rösch; pp. 386; reprinted from *Bulletin Astronomique* (Gauthier-Villars, 55 quai des Grands-Augustins, Paris-6e, France), 1964; 40 Frs. (M: 24 Frs. Orders to the Assistant Secretary). (Add 1.50 Frs for packing and postage).
20. The Galaxy and the Magellanic Clouds; ed. by F. J. Kerr and A. W. Rodgers; pp. 404; Australian Academy of Science, 1964; £5 5s. od. or \$15.00. All orders to: The Executive Secretary, Australian Academy of Science, Gordon Street, Canberra City, A.C.T., Australia (M: £3 5s. od. or \$9.00).
21. The System of Astronomical Constants; ed. by J. Kovalevsky; pp. 331; reprinted from *Bulletin Astronomique* (Gauthier-Villars, 55 quai des Grands-Augustins, Paris-6e, France), 1965; 22 Frs. (M: 14 Frs. Orders to the Assistant Secretary). (Add 1.50 Frs for packing and postage).
22. Stellar and Solar Magnetic Fields; ed. by R. Lust; pp. 460; North-Holland Publishing Co., Amsterdam, 1965; \$15.75 (M: \$10.35. Orders to the Assistant Secretary).
23. Astronomical Observations from Space Vehicles; ed. by J.-L. Steinberg; pp. 370; reprinted from *Annales d'Astrophysique* (Service des Publications du C.N.R.S., Section Vente, 15 quai Anatole France, Paris-7e, France), 1965; 50 Frs (M: 30 Frs. Orders to the Assistant Secretary).

The publication of the following Symposium volumes was in progress at the time the present list was prepared; they will be sold on behalf of the IAU by Academic Press (London).

24. Spectral Classification and Multicolour Photometry (published by the IAU, 1966).
25. The Theory of Orbits in the Solar System and in Stellar Systems (published by the IAU, 1966).
26. Abundance Determination in Stellar Spectra (published by the IAU, 1966).
27. The Construction of Large Telescopes (to be published by the IAU).
28. Fifth Symposium on Cosmical Gas Dynamics (to be published by the IAU).

C. OTHER PUBLICATIONS PUBLISHED OR SPONSORED BY THE IAU

Publications Appearing in Series

1. *Circulars of Commissions of the IAU*. Some individual Commissions of the Union distribute information circulars and bulletins on a regular basis. Among these are the *Circulaires d'Information* of Commission 26 ("Double Stars"), prepared and distributed by P. Muller (Observatoire de Meudon); the *Information Bulletin on Variable Stars*, prepared and distributed for Commission 27 by Professor L. Detre (Budapest); and the *Bibliography of Eclipsing Binaries*, published by Commission 42.

A complete list of all such Commission circulars is not available. All enquiries regarding any publication of an individual Commission should be addressed to the President of the relevant Commission, unless otherwise indicated in this list.

2. *IAU (Telegram Bureau) Circulars*. Issued by the IAU Central Bureau for Astronomical Telegrams, Smithsonian Astrophysical Observatory, Cambridge, Massachusetts 02138, U.S.A. Applications should be sent to Dr Owen Gingerich at the above address.

3. *Astronomical News Letters*. Edited by V. Kourganoff. Published and distributed from 1952 through 1961 by the Laboratoire d'Astronomie de Lille, France. Discontinued as on 1 January 1962. Back copies available from the above address in Lille.

4. *Cartes Synoptiques de la Chromosphère Solaire et Catalogues des Filaments et des Centres d'Activité*. The following list shows the volumes of the Cartes Synoptiques which have been published and the years to which they apply. Applications should be addressed to the Service Solaire, Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France. (Published through Commission 10.)

In "Annales de Meudon", Vol. 6 (1919-30)

Fascicule	1	2	3	4	5	6
Years	1919-20	1920	1921	1922-24	1925-27	1928-30

In "Cartes Synoptiques de la Chromosphère Solaire. . ."

Volume 1 (1931-44)

Fasc.	Years	Fasc.	Years	Fasc.	Years
1	1931	5	1935	9	1940-44
2	1932	6	1936	10	Relevés et statistiques,
3	1933	7	1937		1931-34
4	1934	8	1938-39		

Volume 2 (1945-54)

1	1945-47
2	1948-50
3	1951-54

Volume 3 (1955-57)

1	1955-57 (first part)
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Volume 4 (1957- . . .)

1	1957 (second part)-1959
2	1960-61
3	1962-63

5. *Bulletins Horaires du Bureau de l'Heure*. Published in two separate series, six numbers per series appearing each year. All inquiries should be addressed to: Directeur du Bureau International de l'Heure, 61 avenue de l'Observatoire, Paris-14e, France.

6. *Monthly Notes of the International Polar Motion Service*. Prepared and distributed by the Central Bureau of the International Polar Motion Service, International Latitude Observatory of Mizusawa-shi, Iwate-ken, Japan. All inquiries should be sent to that address.

7. *Minor Planet Circulars*. Issued by the Minor Planet Center in Cincinnati (with the support of IAU Commission 20). Applications should be addressed to Dr P. Herget, Cincinnati Observatory, Observatory Place, Cincinnati, Ohio 45208, U.S.A.

8. *Quarterly Bulletins on Solar Activity*. Published with the support of IAU Commission 10 at the Eidgenössische Sternwarte, Schmelzbergstrasse 25, Zurich 6, Switzerland, under the direction of Professor M. Waldmeier.

Nos. 1-44 were entitled "Bulletins for Character Figures of Solar Phenomena" and were published during the years 1928-1938. The present title was introduced for no. 45.

Further information may be obtained from Professor Waldmeier at the above address.

9. *Heliographische Karten der Photosphäre*. Published annually since 1947 under the auspices of Commission 10 at the Eidgenössische Sternwarte, Zürich, under the direction of Professor M. Waldmeier, to whom inquiries should be addressed.

10. *Apparent Places of Fundamental Stars*. This annual publication was inaugurated at the IAU General Assembly in Stockholm in 1938 on the proposal of Commission 4. The volumes for the years 1941-1959, inclusive, were prepared by the H.M. Nautical Almanac Office in the United Kingdom and published by H.M. Stationery Office in London.

As from the year 1960 it has been prepared by the Astronomisches Rechen-Institut in Heidelberg and published by the Verlag G. Braun, Karl-Friedrichstrasse 14-18, Karlsruhe, Germany, to which address all orders should be sent.

11. *Minima of Eclipsing Variables*. Prepared by K. Kordylewski and published annually by Komitet Astronomii, Polska Akademia Nauk, in the international supplement of "Rocznik Astronomiczny Obserwatorium Krakowskiego". Founded by T. Banachiewicz, now edited by E. Rybka, Director of the Astronomical Observatory of Jagellonian University, Cracow, Kopernika 27, Poland, to whom all enquiries should be addressed.

Miscellaneous Publications

12. *Délimitation Scientifique des Constellations*. Prepared by E. Delporte under the auspices of the former Commission 3, and published by the Cambridge University Press in 1930. Copies are available, on application to the Assistant Secretary, at the following prices: Members: £0 13s. 6d.; non-Members: £0 15s. 0d. (or the equivalent in U.S. Dollars or French Francs).

13. *Atlas Céleste*. Prepared by E. Delporte, under the auspices of the former Commission 3, and published by the Cambridge University Press in 1930. Members should order through the Assistant Secretary; all other orders should be addressed to Cambridge University Press. Price to Members: £0 6s. 0d.; to non-Members: £0 8s. 6d. (or the equivalent in U.S. Dollars or French Francs).

14. *Named Lunar Formations*. Volume I (Catalogue) and Volume II (Maps). Prepared under the auspices of Commission 17 by Mary A. Blagg and K. Müller, and published by Percy, Lund, Humphries and Co., Ltd. in 1935. Both volumes are now out of print.

15. *Publications on Variable Stars*

(a) *Name Lists of Variable Stars* by B. V. Kukarkin, P. P. Parenago, Y. I. Efremov and P. N. Kholopov.

42nd: 1946	44th: 1948	46th: 1950
43rd: 1946	45th: 1949	47th: 1951

(b) *English Version of Introduction and Remarks from "The General Catalogue of Variable Stars"* (by B. V. Kukarkin and P. P. Parenago, Moscow, 1948). Issued in 1949. Supplements issued as follows:

First Supplement (1949) - 1950	Fifth Supplement (1953) - 1954
Second Supplement (1950) - 1951	Sixth Supplement (1954) - 1954
Third Supplement (1951) - 1953	Seventh Supplement (1955) - 1957
Fourth Supplement (1952) - 1953	Eighth Supplement (1956) - 1957

(c) *English Version of Introduction and Remarks from "The Catalogue of Stars Suspected of Variability"* (by B. V. Kukarkin, P. P. Parenago, Y. I. Efremov and P. N. Kholopov, Moscow, 1951). Issued in 1953.

(d) *English Version of the Remarks to the Second Edition of "The General Catalogue of Variable Stars"* (by B. V. Kukarkin, P. P. Parenago, Y. I. Efremov and P. N. Kholopov, Moscow, 1958). Issued in 1959.

(e) *English Version of Remarks from the first Supplement to the Second Edition of "The General Catalogue of Variable Stars"* (by B. V. Kukarkin, Y. I. Efremov and P. N. Kholopov, Moscow, 1960). Issued in 1962.

Copies of the *Name-Lists* and *English Versions* may be obtained on application to the Assistant Secretary. There is no charge to IAU Members.

N.B. Inquiries regarding "The General Catalogue . . .", itself, should be addressed to: The Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.

16. *Les Observatoires Astronomiques et les Astronomes*. The first edition, published in 1931 was prepared by P. Stroobant and the Staff of the Observatoire Royal de Belgique, Uccle. A supplement to this edition was issued in 1936.

The second edition was prepared by F. Rigaux at the Observatoire Royal de Belgique. The volume, containing 452 pages, was published in 1959; a supplement has since been issued.

Copies of the second edition are available, on application to the Assistant Secretary, at the following prices: Members: £0 12s. 6d.; non-Members: £1 os. od. (or the equivalent in U.S. Dollars or French Francs).

17. *Astrographic Catalogues*. The following is a partial list of volumes of the Astrographic Catalogue, 1900, published under the auspices of Commission 23.

- Hyderabad Section (Part III), Vol. IX, Dec. +39°; London, 1934.
 - Hyderabad Section (Part III), Vol. X, Dec. +38°; London, 1936.
 - Hyderabad Section (Part III), Vol. XI, Dec. +37°; London, 1938.
 - Hyderabad Section (Part III), Vol. XII, Dec. +36°; London, 1946.
 - Perth-Edinburgh Section, Vol. I, Zone -40°, Paris, 1949.
 - Perth-Edinburgh Section Vol. II, Zone -39°, Paris 1950.
 - Perth-Edinburgh Section, Vol. III, Zone -38°, Paris, 1952.
 - Oxford-Potsdam Section, Vol. I, Zone +32°; Paris, 1953.
 - Oxford-Potsdam Section, Vol. II, Zone +33°; Paris, 1954.
 - Melbourne Section, Vol. IV, Zones -71° and -72°; Paris, 1955.
 - Melbourne Section, Vol. V, Zones -73° and -74°; Paris, 1956.
 - Melbourne Section, Vol. VI, Zones -75°, -76° and -77°; Paris, 1958.
 - Melbourne Section, Vol. VII, Zones -78°, -79°, -80° and -81°; Paris, 1958.
 - Melbourne Section, Vol. VIII, Zones -82° to -90°; Sydney, 1963.
 - Catania Section (Part II), Vol. I, Dec. +46° to +48°; Catania, 1961 (reprint).
 - Catania Section (Part II), Vol. II, +47° to +49°; Catania, 1961 (reprint).
 - Tacubaya Section (Part II), Vol. VI, Dec. -11°; Mexico City
 - Tacubaya Section (Part I), Vol. VII, Dec. -10°; Mexico City
 - Tacubaya Section (Part II), Vol. VII, Dec. -10°; Mexico City
- } 1962
- Uccle-Paris Section, Vol. I, Dec. +34°; Paris, 1961.
 - Uccle-Paris Section, Vol. II, Dec. +35°; Paris, 1962.

In addition to the above, other earlier volumes have been reprinted, a complete list of which is not available. All inquiries should be addressed to the observatories named, or in the case of Perth-Edinburgh to Edinburgh, of Melbourne to Sydney and of Tacubaya to the Observatorio Astronómico Nacional, Mexico 20, D.F. Further information may be obtained from the President of Commission 23 (see also, in this volume, pages 26-27).

18. *Results of the International Latitude Service*. Volumes I-VI, covering the years 1899-1922.7, were issued by the Centralbureau der Internationalen Erdmessung or by the Preussisches Geodätisches Institut, and published in Germany. Subsequent volumes have been published, under the auspices of the IAU, as follows:

Volume VII, from 1922.7 to 1931.0, by H. Kimura, issued in Mizusawa, 1935;
 Volume VIII, from 1922.7 to 1935.0, by H. Kimura, issued in Mizusawa, 1940;
 Volume IX, from 1935.0 to 1941.0 by L. Carnera, issued in Florence, 1957.

Copies of Volumes VII-IX may be obtained on application to the Assistant Secretary.

19. (a) *La Deuxième Opération Internationale des Longitudes* (octobre–novembre 1933). By A. Lambert, Mme P. Dubois and N. Stoyko. Published under the auspices of former IAU Commission 18 in conjunction with the International Association of Geodesy of the IUGG, by Herman et Cie, Paris, 1938.

(b) *La Deuxième Opération Internationale des Longitudes. Résultats – Conclusions. Vitesse Apparente de Propagation des Ondes Radioélectriques*. By N. Stoyko and Mme P. Dubois. Issued by the Bureau Central de l'Association Internationale de Géodésie, 19 rue Auber, Paris, in 1952.

20. *General Catalogue of Trigonometric Stellar Parallaxes* by L. F. Jenkins. This third edition was prepared under the auspices of Commission 24 and published in New Haven, Connecticut, U.S.A., in 1952. Inquiries should be addressed to the Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.

21. *Atlas of Representative Cometary Spectra*. Prepared under the auspices of Commission 15 by P. Swings and L. Haser, and published by the Institut d'Astrophysique de l'Université de Liège in 1956.

22. (a) *A Catalogue of 9867 Stars in the Southern Hemisphere with Proper Motions Exceeding 0.2 Annually* (1957). (b) *A Catalogue of 7127 Stars in the Northern Hemisphere with Proper Motions Exceeding 0.2 Annually* (1961).

These two volumes were prepared, under the auspices of Commission 24, by W. J. Luyten, and published by the Lund Press, Minneapolis, Minnesota, U.S.A. Requests for copies should be addressed to Dr Luyten at the Observatory, University of Minnesota, Minneapolis 14, Minnesota, U.S.A.

23. *New IAU System of Galactic Coordinates—1958 Revision*. Reprinted from *Monthly Notices of the Royal Astronomical Society*, this volume contains the individual papers on which the Report of Sub-Commission 33b, defining the new system of galactic coordinates, was based. Copies are available from the IAU Assistant Secretary.

24. *Catalogue of Cometary Orbits*, 1960. Published as *Memoirs of the British Astronomical Association*, vol. 39, no. 3, June 1961. Orders for copies should be addressed to: The Assistant Secretary, British Astronomical Association, 303 Bath Road, Hounslow West, Middlesex, England.

25. *Tables for the Conversion of Galactic Coordinates*. (Published in 1961).

(i) *Lund Observatory Annals*, no. 15: "Lund Observatory Table for the Conversion of Equatorial into Galactic Coordinates based on the Galactic Pole R.A. $12^{\text{h}} 49^{\text{m}}$; Decl. $+27^{\circ}.4$ (1950.0)" (110 pages) with insert "Card for Double Linear Interpolation" and Supplement "Interpolation Table for the Lund Observatory Conversion Table from Equatorial into Galactic Coordinates" (20 pages).

(ii) *Lund Observatory Annals*, no. 16: "Lund Observatory Table for the Conversion of Galactic into Equatorial Coordinates based on the Galactic Pole R.A. $12^{\text{h}} 49^{\text{m}}$; Decl. $+27^{\circ}.4$ (1950.0)" (110 pages) with insert "Card for Double Linear Interpolation" and Supplement "Table of Coefficients for Double Linear Interpolation" (84 pages).

(iii) *Lund Observatory Annals*, no. 17: "Lund Observatory Table for the Conversion of Galactic Coordinates from the system based on the Pole R.A. $12^{\text{h}} 40^{\text{m}}$; Decl. $+28^{\circ}$ (1900.0) into the system based on R.A. $12^{\text{h}} 49^{\text{m}}$; Decl. $+27^{\circ}.4$ (1950.0) and vice versa" (96 pages).

Copies of the above tables are available to Members of the IAU at 40% discount, on application to Lund Observatory, Sweden.

26. *Catalogue Général de 3350 Etoiles Doubles de Faible Eclat Observées de 1906 à 1962*. Prepared by R. Jonckheere, under the auspices of the IAU, and published in 1962 by the *Journal des Observateurs*. All orders should be addressed to: Journal des Observateurs, 2 Place Le Verrier, Marseille 4, France. Price to IAU Members: \$13.00; to non-Members: \$19.00. (Prices include \$1.00 for packing and postage.)

27. *Reports on Solar-Terrestrial Relations*. Ten review reports have been issued by what is now the Inter-Union Commission (formerly Joint Commission) on Solar and Terrestrial Relationships, of which the IAU is the parent Union. The most recent, the Tenth Report, (pp. 216), was published in May 1964 as Volume 12, no. 5 of *Planetary and Space Science* by Pergamon Press, Oxford. Members of the Union may obtain copies, on application to the IAU Assistant Secretary, at the reduced price of £1 7s. 6d. or \$4.10. Non-Members should order direct from Pergamon Press, Oxford or New York, or through a bookseller (price: £2 4s. 6d. or \$6.50). All prices quoted include £0 2s. 6d. or \$0.50 for packing and postage. General inquiries regarding the review reports should be addressed to the President of the Inter-Union Commission, Professor C. W. Allen, University of London Observatory, Mill Hill Park, London, N.W.7, England.

28. *Proceedings of IAU Colloquia*

(a) *The Empirical Determination of Stellar Photospheric Structure*; ed. by C. de Jager and L. Neven; pp. 143; published as no. 157 of *Communications de l'Observatoire Royal de Belgique*, Uccle, Belgium, 1959. (Colloquium organized by former Sub-Commission 29a.)

(b) *The Theory of Stellar Atmospheres*; C. de Jager; reprinted from *Journal of Quantitative Spectroscopy and Radiative Transfer* (Pergamon Press), vol. 3, pp. 97-220. (Colloquium organized by Commission 36.)

(c) *Clusters and Stellar Evolution*; ed. by O. J. Eggen and C. H. Herbig; pp. 108; published as no. 82 of the *Royal Observatory Bulletins*, 1964. Copies may be purchased through a bookseller or direct from Her Majesty's Stationery Office, York House, Kingsway, London, W.C.2, England; £0 14s. 0d. (Colloquium organized by Commission 37.)