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Books Received.

1862 January 6th.

Annales de L'Observatoire Impérial de Paris. Publiées par U. J. Le Verrier – Observations. Tome XIII.
Paris. 4to. 1861. O.S.

1862 February 9th.

Berliner Astronomisches Jahrbuch für 1864.
Berlin. 8vo. 1861 O.S.
Bought of Cushing $3.25 unbound.

1861 December 31st.

United States Coast Survey. Appendix No. 21 & No. 22.
4to. 1861. [Pamphlets] G.P.B.

1862 January 27th.

Report of the Commissioner of Patents for Year 1860.
Agriculture –
Washington 8vo. 1861. W.C.B.

1862 January 21st.

On the Measure of the Forces of Bodies moving with Different Velocities, by Daniel Treadwell. From Mem. of Amer. Acad.
Cambridge 8vo. pamphlet. 1861. O.S.

1862 January 21st.

On the Measure of the Forces of Bodies moving with Different Velocities, by Daniel Treadwell From Mem. of Amer. Acad.
Cambridge. 8vo. pamphlet. 1861. G.P.B.

1862 February 3d.

The Distinguishing Features of Comets considered as Phases of an Electrical Discharge Resulting from Excentricity of Orbit by Marsh
From Amer. Jour. Vol. XXXIII
1862 – 8vo pamphlet G.P.B.

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John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862 February 4th

The Construction of Improved Ordnance. by Danl Treadwell.
Cambridge 8vo pamphlet. 1862 G.P.B.

1862 April 23d.

Argelander's Astronomische Beobachtungen zu Bonn III. IV.
Bonn. 1859. 4to, 2 vols. Obs.

1862. April 23d.

Tabulae Quantitatum Besselianarum etc pro annis 1840-64.
Petropoli. 1861. 8vo. Obs.

1862 April 23d.

Astronomical & Meteorological Observations at Radcliffe
Observatory, Oxford in 1858 Vol. XIX.
Oxford. 1861. 8vo. Obs.

1862. April 23d.

Results of the Astronomical Observations at Greenwich, 1859
Greenwich. 1859. 4to. Obs.

1862. April 23d.

~~Results of the~~ Astronomical Observations at Greenwich, 1859.
London, 1861. 4to Obs.

1862, March 25th.

Report of Cochituate Water Board - 1861.
Boston 8vo. pamphlet. 1862 G.P.B.

1862 April 23d.

Review of Report upon Physics & Hydraulics of the Mississippi.
Boston 8vo. pamphet, 1862. G.P.B

1862. April 27th.

Observations at the Sydney Observatory in 1860. by W. Scott.
Sydney 8vo. 1861 Obs.

1862. April 23d.

Observations at the Radcliffe Observatory 1858. Vol. XIX.
Oxford. 1861. 8vo. large. G.P.B.

1862 April 23d.

Proceedings of Literary & Philosophical Society of Liverpool
50th Session - 1860-61 - No. XV.
Liverpool, 1861 8vo. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862, February.
Treasurers Statement 1861 - Harvard College.
8vo. pamphlet G.P.B.

1862, April 23d
Results of Meteorological Observations for Twenty Years for Hobart Town:
made at Royal Obsy, Ross Bank from Jan. 1841 to Dec. 1854. and
at the Private Obsy from Jan. 1855 to Dec. 1860.
Tasmania 1861. 4to. pamphlet. Obs.

April 23d.
Memoirs of the Royal Astronomical Society. Vol. XXIX
London, 1861. 4to. Obs.

April 23d.
Astronomical, Magnetical & Meteorological Obs. at Royal
Observatory, Greenwich. 1859.
London. 1861. 4to. Obs.

April 23d.
Results of Astronomical Obs. at Greenwich. 1855. & 1857
- 4to - two parts. Obs.

April 23d.
Results of Magnetical & Meteorological Obs. Greenwich in 1857.
1858 and 1859.
- 4to. three parts. Obs.

April 23d.
Observations Météorologiques - 1858-59-60.
Paris, 1861. 3 parts 8vo. pamphlets. Obs.

April 23d.
Geschichte und Beschreibung der Leipziger Sternwarte
Leipsic. 1861. 4to. Obs.

April 23d.
Ueber die Bestimmung des Längenunterschiedes zwischen
Altona und Schwerin, von Dr. C.A.F. Peters.
Altona, 1861. 4to G.P.B.

April 23d.
Arc du Méridien de 25° 20' entre Le Danube et La Mer
Glaciale, mesuré, depuis 1816 jusqu'en 1855. par F.G.W. Struve
Two volumes with atlas of Plates -
Vol. I St. Petersburg. 1860 - Vol. II & Plates 1857. 4to. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862. April 23d.
Über die Strahlenbrechung in der Atmosphäre
von J. J. Baeyer.
St. Petersburg. 1860. 4to. Obs.

1862 April 23d.
Beobachtung der Totalen Sonnenfinsterniss vom 18. (6.)
Juli 1860. in Pobes. - von Otto Struve
St. Petersburg 1861 - 4to. Obs.

1862 April 23d.
Beobachtung der Totalen Sonnenfinsterniss vom 18. (6)
Juli. 1860 in Pobes - von Otto Struve.
St. Petersburg 1861 - 4to. G.P.B.

April 23d.
$\frac{8}{20}$ Februar 1861. Über einen vom General Schubert an
die Akademie gerichteten Antrag, betreffend die Russisch-
Scandinavische Meridian-Gradmessung, von O. Struve.
8vo. pamphlet Obs.

April 23d.
$\frac{4}{16}$ Mai 1860. Beobachtungen und Elemente des Cometen
II. 1860. von O. Struve. 8vo. pamphlet G.P.B.

April 23d.
$\frac{16}{28}$ November 1860. Bemerkungen über den dritten
Cometen von 1860, von Dr. A. Winnecke. 8vo. pam. G.P.B.

April 23d.
Annales de L'Observatoire Physique Central de Russie
par A.T. Kupffer. for 1858 No. 1.
St. Petersburg 1861 - 4to. Obs.

April 23.
Annales de L'Observatoire Physique Central de Russie
par A.T. Kupffer. 1858 N. 2. Correspondance
Météorologique pour 1859.
St. Petersburg 1861. 4to Obs.

April 23.
Compte-Rendu Annuel — Année 1859 - 1860
Supplement aux Annales Obs. Physique Central 1858:59
St. Petersburg. 1861 - 4to. 2 parts. Obs.

April 23.
Om Kometbanernes Indbyrdes Beliggenhed af Mdsn.
Christiania. 1861 - 4to. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862 April 23d.
Meteorologische Beobachtungen aufgezeichnet auf Christiania's Observatorium, 1837-1841.
Christiania 1860. Obs.

1862 April 23d.
Meteorologische Beobachtungen an der Wiener Sternwarte von 1775 bis 1855. Zweiter Band 1797-1809.
Wien. 1861. 8vo. Obs.

1862. April 23d.
Annalen der Wiener Sternwarte. Dritter Folge. Zehnter Band
Wien. 1861. 8vo. Obs.

1862 April 23d.
Über die Bahn der Leda. von Moriz Allé.
8 vo. 4 leaves. Obs.

1862 April 23d.
Elemente und Oppositions-Ephemeride (1861) der Calliope.
8vo. Obs.

1862 April 23d.
Fehler-Verzeichniss für die Bessel'schen Zonenbeobachtungen zwischen 2° südlicher und 45° nördlicher Declination
Bonn. 4to. G.P.B.

1862 April 23d.
De Stella β Lyræ Variabili Commentatio Altera. Argelander.
Bonn. 1859. 4to. G.P.B.

1862 April 23d.
Nova Elementa Fidei Planetae. 1855-1861.
Bonn. 4to. 1861. G.P.B.

1862. April 23d.
Argelander's Astronomische Beobachtungen zu Bonn. III-IV.
Bonn. 4to. 1861. 2 vols. G.P.B.

1862. April 23d.
Sur la Marche annuelle du Thermomètre et du Baromètre en Néerlande - par C.H.D. Buys Ballot
Amsterdam, 1861. 4to. Obs.

1862. April 23d.
Meteorologische Waarnemingen in Nederland. 1860.
Utrecht, 1861. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862 April 23d
Atlas des Nördlichen Gestirnten Himmels für den anfang des Jahres 1855. entworfen auf der Königlichen Sternwarte zu Bonn – Charts 13. 15. 17. 18. 20. 22. 23. 24. 26. 27. 32. 33.
Bonn –. 1861 – G.P.B

1862 April 23.

– Do – — Do – Obs.

1862. March 30.

U.S. Coast Survey - Chart of	York River Virginia.	G.P.B.
do.	do Hampton Roads.	G.P.B.
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do.	do. Coast of Georgia	G.P.B.
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do.	do. No. Car. & Virginia	G.P.B.
do.	Diagrams of Solar Eclipse, July 1860.	G.P.B.

1862 Jan. 26.
Remarks on Specie Reserves and Bank Deposits. by Prof. Bowen.
10 leaves 4to. G.P.B.

1862 February 4.
Report of President of Harvard College for 1860-61 -
Cambridge 1862 - 8vo. G.P.B.

1862 March 13.
Verslag van de Geographische dienst in Nederlandsch Indië, over Jan. 1858 tot en met Apr. 1859. - Oudemans.
Batavia 1860 - 4to Obs.

1862. March 14.
Report of Sec. of Treasury of U.S. for year ending June 30. 1862.
Washington - 1861 - 8vo. W.C.B.

1862 April 23d.
Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München. 1860. Heft. IV. V. — 1861. I. Heft. I. II. III. IV. V.
München 1860 - 1861. 7 parts 8vo. Obs.

1862 April 23d.
Abhandlungen der Mathemat.-Physikalischen classe der Koenglich Bayerischen Akademie der Wissenschaften.
Neunten Bandes - Munchen 1861 - 4to Obs.

1862 April 23.
Gedachtnikrede auf Friedrich Liedmann
München 1861 - 4to. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics + Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862 April 23 -
Grenzen und Grenzgaebiete der Physiologischen Forchung.
München 1860. 4to. O.S.

1862 april 23.
Denkrede auf Gotthilf Heinrich v. Schubert.
München, 1861 - 4to O.S.

1862 april 25.
Ephemeris of Stars for Observation with Mars.
Washington - 1862. 8vo. G.P.B.

1862 May 5.
An account of two Meteoric Fireballs - aug. 1860. by H. a. Newton
from Amer. Journ. of Science & Arts. May 1862.
6 leaves 8vo. G.P.B

1862 May 12
Results of Observations (Magnetical & Meteorological) at Greenwich
Greenwich 1859. 4to O.S.

1862 May 14
Bibliotheca Mathematica by L.A. Sohncke
Leipsic & London - 1854. (Bought O.S.

1862. May 28.
Report of Supr. of Coast Survey for 1860.
Washington 1861 - 4to. G.P.B

1862 May 30.
Beobachtungen von veränderlichen Sternen - Schönfeld.
8vo. G.P.B

1862 June 3
Sur la Theorie de la Lune lettres de Jean Plana à Mr.
John W. Lubbock
Turin 1860. 4to. W.C.B.

1862 June 3.
Mémoire sur L'Equation Séculaire du Moyen Mouvement
de la Lune. par Jean Plana
Turin, 1856 - 1857. 4to. W.C.B.

1862 June 3.
Mémoire sur L'intégration des équations différentielles
Relatives au Mouvemnt des Comètes par Jean Plana
Turin 1861 - 4to W.C.B.

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1862phae.proj..270.

1862 June 3.
Note sur un cas particulier du Mouvement Elliptique
par Jean Plana
Turin 1860 - 4to.
W.C.B.

1862 June 3
Mémoire sur la Théorie des Transcendantes Elliptiques
par Jean Plana
Turin, 1860, 4to
W.C.B.

1862 June 3.
Réflexions sur les Objections soulevées par Arago contre la
priorité de Galilée par Jean Plana
Turin, 1860, 4to.
W.C.B.

1862 June 3.
Note sur la formation probable de la multitude des Astéroïdes
qui, entre Mars et Jupiter, circulent autour du Soleil. par
Jean Plana.
4to -
W.C.B.

1862 June 3.
Mémoire sur le Mouvement du Centre de Gravité d'un
Corps Solide - par Jean Plana
Turin, 1859. 4to.
W.C.B.

1862 June 6.
Annales de l'Observatoire Impérial de Paris par Le Verrier.
Memoires, Tome VI.
Paris 1861 - 4to.
Obs.

1862 June 6.
Annales de l'Observatoire Impérial de Paris par Le Verrier.
Observations - Tome XIV. 1858 - XV. 1859.
Paris 2 vols - 1861 - 4to.
Obs.

1862 June 6,
Atlas Ecliptique - annales de l'Observatoire Impérial de Paris
Nos. 5, 6, 41, 49, 52, 62
Obs.

1862 July 2
Report of Astronomer Royal to the Board of Visitors of the
Royal Observatory, Greenwich - Read 1862 June 7.
4to pamphlet
G.P.B

1862 August 6.
Results of Meteorological Observations 1854 to 1859 - [Senate]
4to - Vol. I - Washington 1861 -
S.P.B.

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1862phae.proj..270.

1862 August 6.
Memoirs of the Royal Astronomical Society - Sessions 1860-61.
4to. Vol. xxx - London. 1862. Obs.

1862. August 6
Astronomical, Magndical & Meteorological Observations
at Royal. Obs. Greenwich in 1860
4to. London 1862 Obs.

1862 August 7.
1er Supplement au Tome XVI - Observations Astronomiques
faites a l'Observatoire de Geneve par E. Plantamour.
4to Geneva, 1861- Obs.

1862 August 7.
Note sur les Variations Périodiques de la température
et de la pression atmosphérique au Grand St-Bernard par
M. E. Plantamour.
8vo pamphlet. Obs.

1862 August 7.
Résumé Meteorologique de l'année 1860 pour Genève
et le Grand St. Bernard. par E. Plantamour
8vo. Geneve, 1861 Obs.

1862 August 7.
Annuario del Real Observatorio de Madrid.
Tercer Año - 1862.
Madrid - 1861 - 16mo. Obs.

1862 August 6
Report of the Regents of the University of New York
Albany 8vo. 1862 G.P.B

1862 March 22.
Report of Trustees of Museum of Comparative Zo-ology 1862.
Boston 8vo. 1862 G.P.B

1862 June 30.
Mélanges Mathématiques et Astronomiques tirés du Bulletin
de l'Academie Impériale des Sciences de St. Petersbourg. Tom. III.
8vo. pamphlet G.P.B

1862. March 7
On the Companion of Sirius. by Prof. G.P. Bond
4 pages 8vo. 1862 [2 copies] Obs.

1862 March 7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862 June
Proceedings in Behalf of the Morton Testimonial
Boston. 8vo. pamphlet. 1861. G.P.B.

1862 August 6.
On certain Forms of Interpolation. by W.S.G. Bartlett.
4to pamphlet. 1862. G.P.B.

1862 August 15.
Greenwich Astronomical Observations. 1860.
London. 4to. 1862 Obs.

1862 September 6.
Tabulæ Reductionum Observationum Astronomicarum
annis 1860 usque ad 1880. Respondentes auctore J. Ph. Wolfers.
Additæ sunt: Tabulæ Regiomontanæ annis 1850 usque ad
1860 Respondentes ab Ill. Zech continuatæ
Berolini. 1858. 8vo. G.P.B.

1862 September 6.
Report on the Rumford Fund, from the Proceedings of
Amer. Acad. of Arts & Sciences. Aug. 12. 1862.
4 leaves 8vo. 1862 G.P.B.

1862 September 8.
Observations on the Language of Chaucer by F.J. Child.
Cambridge. 4to. 1862 G.P.B.

1862 September 12.
Errata in Hansen's Lunar Tables - Royal Obs. Greenwich
Nautical Almanac Circular No. 9.
Greenwich. 1862. 8vo. [5 copies] Obs. & G.P.B

1862 September 16.
On Meteorology by Prof. J. Lovering. from American Almanac.
1862 pamphlet 8vo. G.P.B.

1862 September 18.
De Wet der Stormen getoetst aan Latere Waarnemingen
Utrecht. 1862. 4to. G.P.B.

1862 October
Souvenirs de La Comète de 1858 par Eugène Jeanjaquet
Neuchatel. 1862. 8vo. G.P.B.

1862 October 21.
Annual of Scientific Discovery for 1862 by D.A. Wells.
Boston. 1862. 8vo. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862. October 21.
The Harvard Magazine. Sept. 1862. Vol. IX - no. 76.
Cambridge. 8vo. 1862 Obs.

1862. November 4
The Telescope by Sir John F. W. Herschel
Edinburg. 8vo. 1861. Obs.

1862, July 19.
International Law. Case of the Trent. by Joel Parker.
Cambridge. 8° 1862 G.P.B.

1862 August.
Memoir of Cornelius Conway Felton, LL.D.,
Cambridge. 1862 8° G.P.B.

1862 October.
The Character of the Rebellion and Conduct of the War.
by Joel Parker.
Cambridge. 1862 8° G.P.B.

1862 October.
The Cosmical Features of Terrestrial Magnetism by Sabine
London 1862 8° G.P.B

1862 November 9.
Ueber die tägliche Oscillation des Barometers von Dr. Lamont.
München. 1862 8° Obs.

1862 November 9.
Annalen der Königlichen Sternwarte bei München von Lamont
München, 1862 8° Obs.

1862 November 9.
Annual Report of the Board of Regents of the Smithsonian
Institution for the year 1861.
Washington, 1862 8° G.P.B.

1862 November 10.
Annual Report of the Board of Regents of the Smithsonian
Institution showing the Operations, Expenditures, and
Condition of the Institution for the Year 1861.
Washington, 1862 8.vo. G.P.B.

1862 November 13.
Standard Mean Right-Ascensions of Circumpolar and
Time Stars prepared for the use of the U. S. Coast Survey
A. D. Bache, Superintendent.
Washington, 1862 4to. 2 Copies G.P.B & Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1862. November 14.
Sketch of the Life of Edward C. Herrick, Late Librarian and Treasurer of Yale College. by Prof. T. A. Thacher. from the "New Englander" for October, 1862.
New Haven 1862 8vo. G.P.B.

1862 November 22.
Reduction of the Observations of the Deep-Sunk Thermometers at the Royal Observatory, Greenwich from 1840 to 1859 by Professor J. D. Everett. Extracted from the Greenwich Observations, 1860.
4to. pamphlet G.P.B.

1862 November 12.
Report of the Dudley Observatory, by the Astronomer in charge Nov. 1862.
Newspaper Extract G.P.B.

1862. December 2.
F. G. W. Struve's beobachtungen des Halleyschen Cometen. von 1835
St. Petersburg 1859. long 4to. Obs.

1862 December 2
Expédition Chronométrique executée en 1844. entre Altona et Greenwich par F. G. W. Struve et O. W. Struve.
St. Petersbourg. 1846 4to. Obs.

1862 December 2
General Register der Bände XXI bis XXXX der Astronomischen Nachrichten, von G. A. Jahn.
Hamburg 1856 4to. Obs.

1862. December 2.
Sur L'emploi de L'instrument des Passages pour la Détermination des Positions Géographiques. par F. G. W. Struve.
St. Petersbourg 1838 4to. Obs.

1862 December 12.
Bullettino Meteorologico dell'osservatorio del Collegio Romano con Corrispondenza e Bibliografia per l'avanzamento della fisica terrestre. Num°. 19. Roma Supplemento al 31 Ottobre 1862.
pamphlet 4to G.P.B.

1862 December 12.
Supplement to the Nautical Almanac for the Year 1866
Ephemerides of the Minor Planets, for the year 1863.
pamphlet 8vo Obs.

1862 December 10.
Extracts from Proceedings of The American Academy of Arts & Sciences.
Boston. Dec. 10th 1862. 8vo. Obs.

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1862phae.proj..270.

1862 December 18.
Report of the Thirty-first Meeting of the British Association for the Advancement of Science
London. 1862. 8vo. (in boards) G.P.B.

1862 December 18.
Sur les Phénomènes Périodiques des Plantes et des Animaux par M. ad. Quetelet
5 pages 8vo. Obs.

1862 December 18.
Sur la Physique du Globe, en Belgique par M. ad. Quetelet.
pamphlet 8vo. Obs.

1862 December 18.
De la Nécessité d'un Système Général d'Observations nautiques et Météorologiques. Lettre de M. Maury, Directeur de l'Observatoire de Washington, a M. Ad. Quetelet.
pamphlet 8 vo. Obs.

1862. December 18.
Notices. Extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1862, par le Directeur A. Quetelet.
16mo. Obs.

1862. December 18.
Notices Extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1861, par Quetelet.
16mo. Obs.

1862. December 20
On the Theory of the Moon and on the Perturbations of Planets by Sir John W. Lubbock. Part X.
London 1860. 8vo. G.P.B.

1862. December 18
Annales de l'Observatoire Royal de Bruxelles, par Quetelet
Tome XIII.
Bruxelles 1861. 4to Obs.

1862 December 18.
Académie Royale de Belgique (Extrait du Tome XXXIII des Mémoires)
Observations des Phénomènes Périodiques
4to Obs.

1862 December 18
Observations des Phénomènes Périodiques.
4to Obs.

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1862phae.proj..270.

1862. December 22.
Blue Book or Register of Officers and Agents, in the Service of the United States. to November 1862.
New York, 1863. 8vo. Obs.

1862. December 26.
Astronomical and Meteorological Observations made at the United States Naval Observatory during the year 1861.
Washington, 1862, 4to G.P.B.

1863. January 6.
Meteorologische Waarnemingen in Nederland en zijne Bezittingen, en Afwijkingen van Temperatuur en Barometerstand op vele Plaatsen in Europa. Uitgegeven door het Koninklijk Nederlandsch Meteorologisch Instituut. 1861.
Utrecht. 1862. two copies- Obs.

1863. January 6.
Memoires de la Société Impériale des Sciences Naturelles de Cherbourg.
Tome VIII. Paris et Cherbourg, 1861. 8vo. Obs.

1863. January 6.
Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford- 1859 and 1860 by Rev. Robert Main. Vol. XX.
Oxford. 1862. 2 copies- (in cloth) G.P.B. & Obs.

1863. January 6.
Böhm- Beitrag zur Berechnung der Sternschnuppen (Separat Abdruck aus Band IX. der Abhandlungen der naturforschenden Gesellschaft zu Gorlitz.)
8vo. Obs.

1863 January 6.
Beobachtungen von Sonnen-Flecken und Bestimmung der Rotations-Elemente der Sonne, von Dr. J. G. Böhm
Wien, 1852 large 4to. Obs.

1863. January 6.
Ueber die Geographische Breite von Prag, von Böhm
Prag. 1857. 4° Obs.

1863. January 6.
Methode Geographische Breite und Azimut zugleich aus blossen Azimut-Beobachtungen der Circumpolar-Sterne - etc. Böhm.
Prag. 1855. 4° Obs.

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1862phae.proj..270.

1863. January 6.
Untersuchungen über das Atmosphärische Ozon. von Bochm
Wien 1858. 8vo. Obs.

1863. January 6.
Über Pendel mit Quecksilber-Compensation. von Böhm
Wien. 1858. 8vo. Obs.

1863 January 6.
Über die Seehöhe von Prag. von Böhm.
Wien. 1857. 8vo. Obs.

1863 January 2.
Nouvelles Recherches sur La Figure des Atmosphères des Corps Célestes, par Roche
Paris. 1862. 4to. G.P.B.

1863. January 5.
Recherches Astronomiques de l'Observatoire d'Utrecht, par M. Hoek. Première Livraison.
1861. 4to. Obs.

1863. January 7.
Report of the Astronomer Royal. Greenwich. June 7. 1862 by G.B. Airy.
4to. 1862. Greenwich G.P.B.

1863. January 9.
Philosophical Transactions. Plates XXIV to XXXI inclusive
4to. G.P.B.

1863. January 9.
Éphémérides pour la Recherche de la Comète périodique de d'Arrest, à son prochain retour en 1863 et 1864. par Villarceau.
4 pages 4to. G.P.B.

1863. January 9.
Greenwich Magnetical & Meteorological Observations 1860
Greenwich. 4to. Obs.

1863. January 6.
Astronomical and Meteorological Observations made at the United States Naval Observatory, 1861.
Washington 1862, 4to. Obs.

1863. January 9.
On the Construction of Specula of Six-Feet aperture and a Selection from the Observations of Nebulae made with them.
By The Earl of Rosse. From Philosoph. Trans. Part III. 1861.
London 1862, 4to G.P.B.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863, January 10.
Proceedings of the Literary & Philosophical Society of Liverpool during the Fifty-first Session, 1861-62. No. XVI.
Liverpool 1862, 8vo. Obs.

1863. January 13.
Éphémérides pour la Recherche de la Comète périodique de d'Arrest, à son prochain retour en 1863 et 1864.
Par M. Yvon Villarceau.
4to, two leaves. G.P.B.

1863. January 14.
Thirty-ninth Annual Register of the Rensselaer Polytechnic Institute, Troy, N.Y. 1862-63.
November 1862, Troy, N.Y. 8vo. Obs.

1863 January 23.
Tabulae Regiomontanae Reductionum Observationum Astronomicarum ab anno 1750 usque ad annum 1850.
Auctore Friderico Wilhelmo Bessel
Regiomonti, 1830. 8vo. Obs.

1863 January 27.
The Bakerian Lecture on the Total Solar Eclipse of July 18th 1860. Observed at Rivabellosa, near Miranda de Ebro in Spain. By Warren De La Rue. — Philos. Trans. I. 1862.
London, 1862. 4to. 3 copies (2) G.P.B. & Obs.

1863. January 31.
Memoirs of De Candolle, from Amer. Journal of Science and Arts. (Second Series) vol. XXXV. No. 103. Jan. 1863.
1863. 8 leaves, 8vo. G.P.B.

1863. January 31.
Proceedings of the American Academy of Arts & Sciences.
pp. 313—384. 8vo. Obs.

1863. February 12.
Olcott Meridian Circle, made for Dudley Observatory,
lithograph 4to size. G.P.B.

1863. February 16.
Sonnenfinsternis vom 18. Juli 1860, Lamont,
pp. 569. 602. 8vo. G.P.B.

1863. February 20.
Berliner astronomisches Jahrbuch für 1865, von Encke.
Berlin. 1862, 8vo. Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. February 26.
Untersuchungen über das Sonnenspectrum und die Spectren der Chemischen Elemente von G. Kirchhoff.
Berlin, 1862. 4to. Obs.

1863. February 26.
Grundzüge einer allgemeinen Photometrie des Himmels von Dr. J. C. F. Zöllner.
Berlin, 1861 Obs.

1863. March 6 and 21.
Report on the Repitition of the Magnetic Survey of England by Maj. Gen. Edward Sabine, R.A. — from Rep. of British Assoc. 1861.
London 1862. 8vo. 2 copies G.P.B

1863. March 6.
Address of Maj. Gen. Sabine, at anniversary Meeting of the Royal Society Dec. 1. 1862.
London, 1862. 8vo. G.P.B.

1863. March 6.
Circular to the Visitors of the Royal Observatory (not published)
Dec. 1862. 8vo. G.P.B.

1863. March 7.
The National Almanac and Annual Record, 1863.
Philadelphia, 1863, 8vo. G.P.B.

1863 March 20.
Ninth Annual Report of Board of Education — Department of Public Instruction, city of Chicago., 1862.
Chicago. 1863. 8vo. G.P.B.

1863 March 21
Annales de l'Observatoire Physique Central de Russie par A. T. Kupffer. Année, 1859. Nos 1 et 2.
St. Pétersbourg, 1862. 4to, 2 vols. Obs.

1863. March 21.
Mémoires de la Société de Physique et d'histoire Naturelle de Genève. Tome XVI. Première Partie et Seconde Partie.
Geneve 1861 — 1862. 2 parts. 4to. Obs.

1863. March 21.
Erinnerung an Mitglieder der Mathematisch-Physikalischen Classe der K. Bayr. Akademie der Wissenschaften. Eine Rede, vorgetragen in der öffentlichen sitzung zur Feier des Akademischen Saecularfestes. Am. 29. März 1859. von Carl. Friedrich Philipp von Martius
Munchen 1859. 4to Obs.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. March 21.
Zum Gedächtniss an Jean Baptiste Biot.
Gesprochen in der öffentlichen Sitzung der k. b. Akademie der Wiesenschaften am 28. März 1862. von Carl Fried. Philipp von Martius.
Munchen. 1862. 4to. Obs.

1863. March 21.
Sur Deux Inégalités d'une grandeur Remarquable dans les Apparitions de La Comète de Halley. par Angström
Upsal. 1862. 4to. Obs.

1863. March 21.
Coup d'œil sur l'Hydrologie du Mexique par Saussure,
Geneve, 1862 - 8vo. Obs.

1863. March 21.
Errata in Hansen's Lunar Tables.
Greenwich, 1862. 8vo. 4leaves - 2 copies. Obs.

1863 March 21.
Siebenundvierzigster Jahresbericht der Naturforschenden Gesellschaft in Emden, 1861. von Metger.
Emden. 1862 - 8vo. Obs.

1863. March 21.
Ergebnisse der Witterungs-Beobachtungen zu Emden in den Jahren 1860 und 1861 - von Prestel.
Emden, 1862 Obs.

1863. March 21.
Reise der Österreichischen Fregatte Novara um die erde in den Jahren 1857-1858, 1859. Unter den Befehlen des Commodore B. von Wüllerstorf-Urbair. Nautisch-Physicalischer Theil I, Abtheilung.
Wien, 1862, 4to. Obs.

1863. March 21.
Sur la Marche Annuelle du Thermomètre et du Barométre en Neêrlande et en divers lieux de l'Europe par. Ballot.
Amsterdam. 1861. 4to. G.P.B.

1863. March 21.
Meteorologische Waarnemingen in Nederland en Zijne Bezittingen, en Afwijkingen, 1860.
Utrecht, 1861 4to. G.P.B.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. March 21
Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München 1860 Heft. I, II, III, IV, V. — 1861, I. Heft I, II, III, IV, V — 1861. II. Heft I, II, III, — 1862. I. Heft. I, II, III, IV, — 1862. II. Heft. I, II.
München 1860-1862. 19 parts, 8vo. Obs.

1863. March 23.
Meteorologische Beobachtungen. Aufgezeichnet auf Christiania's Observatorium. Lieferung I & II (1837) — Zweite Lieferung 1842-1835
Christiania 1862. 2 vols. G.P.B.

1863 March 23.
Om Kometbanernes Indbyrdes Beliggenhed. Besvarelse af Universitetets Prisopgave for 1860. Af H. Mohn.
Christiania 1861. 4to. G.P.B

1863. March 23.
Om Cirklers Berøring. Besvarelse af Universitetets Prisopgave for 1859. Af C.M. Guldberg.
Christiana, 1861, 4to. G.P.B.

1863. March 24.
Astronomical Observations with the Spectroscope by Lewis M. Rutherfurd. From the Am. Journ. of Science & Arts vol. XXXV.
8vo. 1863. G.P.B.

1863. March 24.
Report of the Committee of the Overseers of Harvard College appointed to visit the Library for the year 1862; together with the accompanying documents. Submitted Feb. 19. 1863.
Boston. 8vo. 1863. G.P.B

1863. Jan. 15.
The English Churchman for Thursday. Jan. 1st 1863. G.P.B.

1863. Jan. 21.
Preliminary Report on the Eighth Census. 1860. By Jos. C.G. Kennedy. Superintendent.
Washington. 1862. 8vo. G.P.B.

1863 March 24.
Description of a new Cataloguing and Charting Machine, by G.W. Hough, A.M. Astronomer in Charge of the Dudley Observatory. Abstract of a paper read before the Albany Institute.
Albany. 1863. 8vo. G.P.B.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. April 1.
A Handbook of Descriptive and Practical Astronomy.
By George F. Chambers. F.R.G.S.
London. 1861. 4to. G.P.B.

1863. April 13.
Biennial Report of the Chicago Historical Society, to the Governor of Illinois.
Springfield 1863. 8vo. G.P.B.

1863. April 14.
A second book in Geometry. By Thomas Hill. Reasoning upon Facts.
Boston. 1863. 8vo. Obs.

1863. April 21.
Methods of Location or Modes of Describing and Adjusting Railway Curves and Tangents, as practiced by the Engineers of Pennsylvania, by Samuel W. Mifflin, Civil Engineer. Third Edition Revised and Greatly Improved.
Philadelphia. 1854. 8vo. G.P.B.

1863. April 24.
Annual Report of the Trustees of the Museum of Comparative Zoölogy, together with the Report of the Director. 1862.
Boston. 1863. 8vo. G.P.B.

1863 May
Resultate Photometrischer Messungen an zweihundert und acht der vorzüglichsten Fixsterne. Der math-phys. Classe der k. Akademie vorgelegt am 13. Juli 1861. von Ludwig Seidel. Mit einer Steintafel. Aus den Abhandlungen der k. bayer. Akademie der W. II. Cl. IX. Bd. III. Abth.
München. 1862. 4to. G.P.B.

1863 May
Denkrede auf Joh. Andreas Wagner. Gehalten in der öffentlichen Sitzung am 28. November 1862 von Dr. Carl Friedrich Philipp von Martius, Secretär der mathem.-phys. Classe.
München. 1862. 4to. G.P.B.

1863 May

1863. May
Zum Gedächtniss an Jean Baptiste Biot. Gesprochen in der öffentlichen Sitzung der k. b. Akademie der Wissenschaften am 28. März 1862 von Carl Friedrich Philipp von Martius, Secretär der mathem.-phys. Classe.
München. 1862. 4to. G.P.B.

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1862phae.proj..270.

1863 May 19

Die veränderlichen Sterne Vortrag von Prof. Dr. Schönfeld
Separat-Abdruck aus dem 29 Jahresberichte des Mannheimer
Vereins für Naturkunde
Mannheim 1863 8vo. Obs.

1863 May 19 Do Do G.P.B.

1863 May
Rede in der öffentlichen Sitzung der k. Akad. der Wissenschaften am
28 Marz 1863 zur Feier ihres 104. Stiftungstages gehalten von Justus
Freiherrn von Liebig. München 1863 4to. G.P.B.

1863. May 22.
Annales de L'Observatoire Impérial de Paris, Publiées par U.-
J. Le Verrier, Directeur de L'Observatoire.
Observations. Tome III. 1839-1840.
Paris. 1862. 4to. Obs.

Ditto Observations Tome IV 1841-42
Paris 1862 "

Ditto Observations Tome V 1843-44
Paris 1862 "

Ditto Observations Tome XVI 1860
Paris 1862 "

Ditto Observations Tome XVII 1861
Paris 1863 "

1863. May.
Three Cities in Russia by Professor C. Piazzi Smyth. F.R.S. S.L.& E etc.
illustrated with Maps and wood-engravings. In Two Volumes.
London. 1862. 8vo. Obs.

1863

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1862phae.proj..270.

1863 July 1

Astronomische Beobachtungen auf der Sternwarte zu Bonn
von Dr F. W. A. Argelander Fünfte Band
Bonner Sternverzeichniss Dritte Section
Bonn, 1862.

Obs.

1863. July 2.
The Astronomical Register.
No. 4. April. 1863.
London. 1863. 8vo.

G. P. B.

1863. July 4.
[From the American Journal of Science and Arts. Vol. XXXVI, July, 1863]
Evidence of the Cosmical origin of shooting stars derived from the dates of early star-showers. by H. A. Newton.
New Haven. 1863. 8vo.

G. P. B.

1863. July 15.
Catalogus Senatus Academici Collegii Harvardiani, Et Eorum Qui Muneribus Et Officiis Præfuerunt, Quique Honoribus Academicis Donati Sunt, in Universitate Quæ Est Cantabrigiæ in Civitate Massachusettensium.
Cantabrigiæ. MDCCC LXIII. 8vo.

G. P. B.

1863. July 15.
Verslag van de Bepaling Der Geographische Ligging Van Die Plaatsen Op Java, Waar Telegraafkantoren Gevestigd Zijn, Opgemaakt Door Den Hoofd-ingenieur Van De Geographische Dienst in Nederlandsch-indië, Dr. J. A. C. Oudemans.
Batavia, H. M. Van Dorp. 1862. 4to.

Obs.

1863. July 1.
Mémoires de L'Académie Impériale des Sciences de St. Pétersbourg, VIIe Série. Tome V, N° 4. Observations de la Grande Nébuleuse D'Orion, faites A Cazan et A Poulkova. par O. Struve, membre de L'Académie. 1re Partie: Mémoire de M. Liapounov sur Les observations de Cazan. IIe Partie: O. Struve, Additions au mémoire de M. Liapounov et Observations de Poulkova. (Avec 4 Planches.) Présenté le 1 novembre 1861.
St. Pétersbourg. 1862. 4to.

Obs.

1863. May 22.
Untersuchungen Uebr Veränderliche Eigenbewegungen von G. F. J. Arthur Auwers. Inaugural-Dissertation zur Erlangung der Philosophischen Doctorwürde.
Koenigsberg 1862. 4to

Obs.

1863. May 22.
Über die Bahn der Ariadne. von Dr. Edmund Weiss. Assistenten der k.k. Sternwarte.
Wien. November 3. 1860. 8vo.

G. P. B.

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1862phae.proj..270.

1863. May 22.
Über Die Bahn Von (59) Elpis - von Dr. Edmund Weiss - Assistenten der k. k Sternwarte. (Aus dem XLV. Bande der Sitzungsberichte der mathem-naturw. Classe der Kaiserlichen Akademie der Wissenschaften besonders abgedruckt.) (Vorgelegt in der Sitzung vom 3 Jänner 1862.)
Wien. 1862. 8vo. W.C.B.

1863. May 22.
William Herschel's Verzeichnisse von Nebelflecken und Sternh. außen, bearbeitet von Arthur Auwers.
Königsberg. 1862. 4to. Obs.

1863. May 22.
Astronomische Beobachtungen auf der Grosherzoglichen Sternwarte zu Mannheim angestellt und herausgegeben von Dr. C. Schönfeld, Professor und Grosherzoglicher Hofastronom.
Erste Abtheilung. Beobachtungen von Nebelflecken und Sternhaufen.
Mannheim. 1862. 4to. Obs.

1863. May.
Mémoires de L'Académie Impériale des Sciences de St.-Pétersbourg, VIIe Série. Tome V. N° 4. Observations De La Grande Nébuleuse D'Orion, faites à Cazan et a Poulkova. par O. Struve, Membre de L'Académie.
Ire Partie: Memoire de M. Liapounov sur les observations de Cazan.
IIe Partie: O. Struve, Additions au mémoire de M. Liapounov et Observations de Poulkova. (Avec 4 Planches.) Présenté le 1 Novembre 1861.
St.-Pétersbourg. 1862. 4to. Bought in Europe Obs.

1863. May 22.
Die Totale Sonnenfinsterniss vom 31. December 1861 in Griechenland von Dr. Edmund Weiss. Assistenten der k.k. Sternwarte. (Sonder-Abdruck aus dem XLV. Bande der Sitzungsberichte der mathem-naturw. Classe der kais. Akademie der Wissenschaften.) (Vorgelegt in der Sitzung von 30. Jänner 1862.)
Wien. 1862. 8vo. W.C.B.

1863. May 22.
Berechnung der Totalen Sonnenfinsterniss A/M 31. December 1861. von Dr Edmund Weiss. Assistenten Der k.k. Sternwarte. (Mit 1 Karte.)
(Aus dem XLV. Bande des Jahrganges 1862 der Sitzungsberichte der mathem-naturw. Classe der kais. Akademie der Wissenschaften besonders abgedruckt.) (Vorgelegt in der Sitzung vom 5. December 1861.)
Wien. 1862. 8vo. W.C.B.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. May 22.
Vergleichungen der Wiener Maasse mit mehreren auf der Kaiserl. Russischen Hauptsternwarte zu Pulkowa Befindlichen Maasseinheiten. Im Jahre 1850 Ausgeführt von dem Ausländischen Ehrenmitgliede W. Struve. Mit einem Nachtrage von dem W. M. Karl von Littrow. (Aus dem XLIV. Bande des Jahrganges 1861 der Sitzungsberichte der mathem.-naturw. Classe der Kais. Akademie der Wissenschaften besonders abgedruckt.) (Vorgelegt in der Sitzung vom 6. Juni 1861.)
Wien. 1861. 8vo. Obs.

1863. M

1863, May 22.
Declinationes Stellarum Fundamentalium Novae Ex Ultimis Ill.i Besel Observationibus Derivatae. Dissertatio Qua Ad Audiendam Orationem Pro Loco In Facultate Rite Obtinendo Die Xi Octobris Hora XI In Auditorio Maximo Habendam Invitat Eduardus Luther Phil. Doctor, Specolae Regiae Director, Astronomiae Professor Publ. Ord. Design.
Regiomonti Pr. MDCCCLIX. 4to. Obs.

1863. May 22
Do Do G.P.B.

1863. May 22.
Untersuchungen Uebr Veränderliche Eigenbewegungen von S.T.J. Arthur Auwers. Inaugural-Dissertation zur Erlangung Der Philosophischen Doctorwürde.
Koenigsberg 1862. 4to. G.P.B.

1863. May 22.
Astronomische Beobachtungen auf der Königlichen Universitäts-Sternwarte zu Königsberg. Herausgegeben von Dr. Eduard Luther, ordentlichem Professor der Astronomie und Director der königl. Sternwarte.
Vier und dreissigste Abtheilung.
Königsberg. 1862. 4to. Obs.

1863. May.
Mountain Barometer Tables; calculated and Stereoglyphed by Messrs. Schentz's Calculating Machine No. 2, and printed by Machinery.
London. 1862. Obs.

1863. May 22.
Astronomische Beobachtungen auf der Grossherzoglichen Sternwarte zu Mannheim angestellt und herausgegeben von Dr: C. Schönfeld. Professor und Grossherzoglicher Hofastronom. Erste Abtheilung. Beobachtungen von Nebelflecken und Sternhaufen.
Mannheim. 1862. 4to. G.P.B.

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1862phae.proj..270.

1863. May 22.
Meteorologische Beobachtungen an der k. k. Sternwarte in Wien von 1775 bis 1855. Auf öffentliche Kosten herausgegeben von Carl von Littrow, Director, und Carl Hornstein, Adjunct der k. k. Sternwarte. Dritter Band. (1810-1822.)
Wien. 1862. 8vo. Obs.

1863. May 22.
Annalen der k. k. Sternwarte in Wien. Nach dem Befehle Seiner k. k. apost. Majestät auf öffentliche Kosten herausgegeben von Carl von Littrow, Director der Sternwarte &c. Dritter Folge Eilfter Band. Jahrgang 1861.
Wien. 1862. 8vo. Obs.

1863. May 22.
Verhandelingen der Koninklijke Akademie van Wetenschappen. Negende Deel. Met Platen.
Amsterdam. 1861. 4to. Obs.

1863. May 22.
Annales de l'Observatoire Impérial de Paris. Atlas Eclipticque par M. Chacornac.
Carte No. 2. Comprenant 1610 Etoiles réduites au 1er Juillet 1852 d'après les observations des 11 Septembre 1852 au 19 Novembre 1853 faites à l'Observatoire de Marseille; et celles du 2 Aout 1854 au 14 Octobre 1862. faites a l'Observatoire Impérial de Paris.
Carte No. 2bis Comprenant 2,030 Etoiles réduites au 1er Juillet 1852 d'après les observations du 11 Septembre 1852. au 19 Novembre 1853 faites a l'Observatoire de Marseille et celles du 2 Aout 1854 au 26 Octobre 1861 faites a l'Observatoire Impérial de Paris.
Carte No. 9. Comprenant 2,184 Etoiles réduites au 1er Juillet 1852 d'après les observations du 17 Août 1854 au 18 Février 1862 faites à l'observatoire Impérial de Paris.
Carte No. 15. Comprenant 3,230 Etoiles réduites au 1er Juillet 1852 d'après les observations du 1er Octobre, 1854 au 25 Avril 1862 faites à l'Observatoire Impérial de Paris.
Carte No. 39. Comprenant 1295 Etoiles réduites au 1er Juillet 1852 d'après les Observations du 12 Janvier au 4 Fevrier 1854 faites a l'observatoire de Marseille; et celle du 3 Mars 1854 au 5 Juillet 1862 faites a l'observatoire Impérial de Paris.
Carte No. 46. Comprenant 2040 Etoiles réduites au 1er Juillet 1852 d'après les observations du 7 Mai au 27 Juin 1853 faites a l'Observatoire de Marseille; et celle du 5 Mars 1854 au 5 Août 1862 faites a l'observatoire Impérial de Paris.
Paris. Obs.

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1862phae.proj..270.

1863. June 12.
Beilage zum nautisch-physicalischen Theile der Reise der österreichischen Fregatte „Novara" um die Erde.
(Charts.) Obs.

1863 June 12.
Do Do S.P.B.

1863 June 15.
Abstract of Meteorological Observations taken in Tasmania during the six months ending June, 1862 – For the Papers and proceedings of the Royal Society. Private Observatory, Hobart Town.
Private Observatory of Francis Abbott. Hobart Town
1 sheet folio. S.P.B.

1863 June 15.
Reise der Österreichischen Fregatte Novara Um Die Erde in den Jahren 1857, 1858, 1859 Unter Den Befehlen Des Commodore B. von Wüllerstorf-Urbair. Nautisch-Physicalischer Theil I Abtheilung. Geographische Ortsbestimmungen und Fluthbeobachtungen. Mit drei beigebundenen Curskärtchen und einer Beilage von sieben lithographirten Plänen. (Mittheilungen Der Hydrographischen Anstalt Der K. K. Marine. I. Band. I. Heft.)
Wien. 1862. 4to Obs.

1863 June 21.
Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich. Read at the Annual Visitation of the Royal Observatory 1863. June 6.
4to. W.C.B.

1863 July 3.
A Manual of Spherical and Practical Astronomy: embracing the general problems of Spherical astronomy, the special applications to Nautical Astronomy, and the theory and use of fixed and portable astronomical instruments. with an appendix on the method of Least Squares. By William Chauvenet. Professor of Mathematics & Astronomy in Washington University St. Louis. Vol. I Spherical Astronomy.
Philadelphia. 1863. 8vo. Obs.

1863. July 8.
Letters of Alexander von Humboldt to Varnhagen von Ense. From 1827 to 1858. with Extracts from Varnhagen's Diaries, and Letters of Varnhagen & others to Humboldt. Translated from the second German edition. by Friedrich Kapp.
New. York. M DCCC LX 8vo. Obs.

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1862phae.proj..270.

1863 Aug. 14.
Annales de L'Observatoire De Toulouse, par M. F. Petit, correspondant de L'Institut de France (Académie des Sciences de Toulouse. Tome I.
Toulouse. 1863. 4 to. G.P.B.

1863. Aug. 14.
XIX. A Catalogue of Standard Polar and Clock Stars, for the Reduction of Observations in Right Ascension; with a Discussion of their Positions. By Truman Henry Safford. (communicated September 9, 1862.)
(From Memoirs of the American Academy - Vol. VIII. 4to. Obs.

1863. Aug. 14.
Do Do G.P.B.

1863. Aug. 25.
Report of the Superintendent of the Coast Survey, showing the Progress of the Survey during the year 1861.
Washington. 1862. 8vo. G.P.B.

1863. August 31.
On the velocity of light and the Sun's distance.
By Prof. Joseph Liouville. 8vo.
G.P.B.

1863. August. Book Catalogue.
Librairie de Mallet-Bachelier.
Paris. 8vo.
G.P.B.

1863. Book Catalogue.
Bulletin de Librairie Ancienne. Nos. 3.4.
Paris. G.P.B.

1863. August. Book Catalogue.
B. Weilermann's & Co'l Literary Bulletin. Nos. 7.8.9.10.
8vo.
G.P.B.

1863. Book Catalogues.
Bulletin Mensuel de la Librairie Française. Nos. 6.7.8.9.
Paris. 8vo.
G.P.B.

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1862phae.proj..270.

Book Catalogues.

1863.
Catalogues des Antiquarischen Bücherlagers. Von H. W. Schmidt.
8 vo.
G. P. B.

1863. Weltvolle Schriften. Math, Physik, Optik, Astron. Mileard.
H. W. Schmidt in Halle. 8 vo. G. P. B

1863. Catalog. Antiquarium's von W. Selzer in Bremen.
8 vo.
G. P. B.

1863. B. Wiebmann's London Book Lit. No. 6, 7, 8.
8 vo. G. P. B.

1863. May 2nd
Monthly Notices of Royal Ast. So.
8 vo.
G. P. B.

1863. May.
On Physical Lines of Force. By J. C. Maxwell. Part I. III.
8 vo. G. P. B

1863. Illustrations of the Dynamical Theory of Gases.
By J. C. Maxwell M.A. Part 1. 8 vo.
G. P. B.

1863. May.
On the Secular Acceleration of the Moon's Mean Motion.
By W. F. Donkin.
London. 8 vo.
G. P. B.

1863. May.
Report of the Astronomer to the Marine Committee.
Liverpool. 8 vo.

1863. May.
On the Theory of Compound Colours, & the Relations of
the Spectrum. By J. C. Maxwell.
4 to. G. P. B.

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1863. April 14.
A Second Book in Geometry. By Thomas Hill.
Boston. 8vo. G. P. B.

1863. Sept.
Heat considered as a mode of Motion.
By John Tyndall.
New York. 8vo. G. P. B.

1863. Sept.
Reise der Österreichischen Fregatte Novara, um die erde
in Den Jahren 1857, 1858, 1859. Unter Den Befehlen Des
Commodore B. Von Wüllerstorf-Urbair. Nautisch-Physicalischer
Theil. II. Abtheilung. Magnetische Beobachtungen.
(Mittheilungen der Hydrographischen Anstalt der K. K. Ma-
rine. I. Band. 2. Heft.)
Wien. Aus der Kaiserlich-Königlichen Hof- und Staatsdruckerei
1863. In commission Bei Carl Gerold's Sohn. 4to.
G. P. B

1863 Jan. 1.
Proceedings of the American Academy of Arts & Science.
8vo.
G. P. B.

1863. Jan.?
Nouveaux Atlas Universitaires de Geographie, Physique.
Politique, et Historique.
De M. Babinet.
Paris. 4to.
G. P. B.

1863. Jan.
Atlas Ephémérial et Universel de Géographie.
Par M. F. A. Garnier. Prospectus.
4to.
G. P. B.

1863. Oct.
Statuten der Astronomischen Gesellschaft.
4to.
G. P. B.

1863. October.
Notices extraites de l'annuaire de l'Observatory Royal
de Bruxelles pour 1863. Par le Directeur A. Quetelet.
8vo.
G. P. B

1863. October.
Proceedings of the American Academy of Arts
& Sciences. Selected from the records.
8vo.
G. P. B.

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1863. October.
Memoirs of the American Academy of Arts & Sciences
Vol. VIII. – Part II.
Cambridge. 4 To.
G. P. B.

1863. October 29.
Mémoires de l'Académie Imperial des Sciences de
St.-Pétersbourg. VIIe Série. Tome VI. No. 7.
Beobachtungen des Mars um die Zeit der Opposition 1862.
Von Dr. A. Winnecke, Astronomen der Nikolai-Hauptstern-
-warte.
St. Petersburg. 4 To.
G. P. B.

1863. October 29.
Positiones Mediae Stellarum Fixarum in Zonis Regiomontanis a Besselio inter +15° +45° Declinationis Observatarum
Ad Annum 1825 Reductae et in Catalogum Ordinatae.
Auctore Maximiliano Weisse. Directore Quondam Specolae
Gracovienis. Jussu Academiae Imperialis Petropolitanae
Edi Curavit et Praefatus Est Otto Struve. Specolae Pulcovensis
Director.
Petropoli. 1863. 4 To.
G. P. B.

1863. Oct. 29.
Mémoires de l'Académie Imperiale des Sciences de
St.-Pétersbourg. VIIe Série. Tome V. No. 4.
Observations de la Grande Nébuleuse D'Orion. Faites a
Gazon et a Poulkova. Par O. Struve. Membre de l'Académie.
Ire Partie: Mémoire de M. Liapounov sur les observations de Gazen
IIe Partie: O. Struve. Additions au mémoire de M. Liapounov
et Observations de Poulkova. Avec 4 Planches. Présenté le
1 Novembre 1861.
St. Pétersbourg. 1862. 4 To.
G. P. B.

1863. October 29.
Positiones Mediae Stellarum Fixarum in Zonis Regiomontanis
a Besselio Inter +15° et +45° Declinationis Observatarum, ad
Annum 1825 Reductae et in Catalogum Ordinatae. Auctore
Max. Weisse. Jussu Academiae Imperialis Petropolitanae
Edi curavit et praefatus est Otto Struve.
Petropoli. From Obs. of Poulkova. 4 T.
Obs.

1863. Oct. 28.
On Vibrating Water-Falls. By Elias Loomis. Professor of
Nat. Philosophy & Astronomy in Yale College.
8 vo.
G. P. B.

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1863. Oöctober 29.
Mémoires de l'Academie Impériale des Sciences de St.-Petersbourg. VIIe Série. Tome VI. No. 7.
Beobachtungen des Mars um Die Zeit der Opposition 1862. Von Dr. A. Winnecke.
St. Petersburg. 4 to.
Obs.

1863. Oct. 29.
Observaciones Meridianas i Micrométricas. Relativas al Planéta Marte. Al Tiempo de su Oposicion en 1862. Verificadas en el Observatorio de Santiago de Chile.
Santiago. 4 To.
G. P. B.

Oct. 29.
1863. Résumé Météorologique de l'année 1861 pour Genève et le Grand St.-Bernard. par C. Plantamour.
Genève. 1862. 8 vo.
Obs.

1863. Oct. 29.
Ueber die Parallaxe des Sterns 22. 21258.
Von A. Krueger.
Helsingfors. 4 to.
G. P. B.

1863. Oct. 29.
Du Climat de Genève. par C. Plantamour.
Genève.
Obs

1863. Oct. 24.
Tables de Logarithmes a cinq décimales pour les nombres et lignes trigonométriques. suivies des logarithmes d'addition et de soustraction ou logarithmes de Gauss, et de diverses tables usuelles.
Par J. Hoüel.
Paris. 8 vo.
Obs.

1863. Oct. 24.
Tables des Logarithmes et Co-Logarithmes des nombres et des lignes trigonométriques, disposées de manière a rendre les parties proportionnelles toujours additives suivies d'un Recueil de Tables Astronomiques et Nautiques Par V. Caillet, Examinateur de la Marine, ancien Professeur d'Astronomie et de Navigation aux Ecoles Navale et d'Hydrographie.
Paris. Mallet-Bachelier quai des Augustins, 55.
Robiquet, rue pavée-saint-andré-des-arts. 2.
Edition Stéréotype. 1854.
8 vo. Bought of Leon & Francis.
Obs.

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1863. October 22.
Revue de Physique et d'Astronomie. Par M. R. Radau.
Paris. 4 to.

G. P. B.

1863. Oct. 24.
Undersökning af Fayeska Komētens Bana. Af
Axel Möller. Till K. Wetenskaps-Akademien Inlemnad
D. 4 Oktober 1861. 4 to.
Stockholm 1862.

G. P. B.

1863. Oct. 14.
Annales de l'Observatoire Royal de Bruxelles. Publiées aux
frais de l'état, par le directeur, A. Quetelet. Tome XV.
Bruxelles, M. Hayez. Imprimeur de l'Académie Royale. 1862.
4 to.

Obs.

1863. Oct. 14.
Étoiles filantes. — Orages des mois d'Août et de Septembre
1862. — Direction des courants électriques dans le corps
des Animaux; Communications faites par M. Ad. Quetelet.
Secrétaire Perpétuel de l'Académie Royale de Belgique. 8 vo.

1863. Oct. 14.
Obs.
Sur les étoiles filantes, par C. Herrick de New Haven
[Connecticut, et Ad. Quetelet. 8 vo.

Obs.

1863. Oct. 14.
Académie Royale de Belgique.
Bolide observé dans la Soirée du 4 Mars 1863.
Communication de M. Ad. Quetelet. 8 vo.

Obs.

1863. Oct. 14.
Académie Royale de Belgique.
Sur les Nébuleuses. — Sur l'Hygrométrie. — Sur les Vari-
ations periodiques de l'Atmosphère, Etc. 8 vo.

Obs.

1863. Oct. 14.
Différence des temps entre Bruxelles et Vienne, pour les
époques critiques des plantes et des animaux. Par Ad. Quet-
elet. 8 vo.

Obs.

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1863. Oct. 29.
Observations faites à l'époque où le plan des anneaux de Saturne passait par le Soleil, par O. Struve.
Obs.

1863. Oct. 29.
Ueber die Sonne. Von Dr. A. Winnecke.
St. Petersburg, 1861. 8vo.

1863. Oct. 30.
Astronomical and magnetical and Meteorological Observations, made at the Royal Observatory, Greenwich, in the year 1861. Under the direction of George Biddell Airy, Esq. M.A. Astronomer Royal. Published by order of the Board of Admiralty, in obedience to Her Majesty's command.
London: Printed by George Edward Eyre & William Spottiswoode, Printers to the Queen's most excellent Majesty. For her Majesty's Stationery Office. 1863. 4to.
Obs.

1863. November 1.
Atlas designed to illustrate Burritt's Geography of the Heavens. Comprising the following maps on 8 Plates.
Plan exhibiting the relative magnitudes, distances & positions of the different bodies which compose the Solar System.
The visible Heavens in January, February & March.
The visible Heavens in Oct. Nov. & December.
" " " " April, May & June.
" " " " July, August & September.
" " " " the South Polar regions for each month in the year.
The visible Heavens in the North Polar regions for each month in the year.
Clusters, Nebulae & Comets. Double Stars & Clusters
By Hiram Mattison, A. M.
Brought of Seaver & Francis.
Obs.

1863. Nov. 18.
Untersuchungen über die gegenseitigen Helligkeiten der Fixsterne erster Größe und über die Extinction des Lichtes in der Atmosphäre. Nebst einem Anhange über die Helligkeit der Sonne verglichen mit Sternen, und über die Licht reflectirende Kraft der Planeten. Von Ludwig Seidel.
München 1852. 4to.
G. P. B.

1863. Dec. 10.
Supplement to the Nautical Almanac for the year 1867. Ephemerides of the minor Planets, for the year 1864. London
Obs.

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1863. Dec. 30. Obs.
Williams & Norgate's Scientific Book Circular. List of German, French & other Foreign Scientific Publications.
Edinburgh - London. November 1863. 8vo. 2 copies.

1863 Dec. 30. Obs.
Books reduced in price. A Catalogue of Oriental Books, Classics Theology, Etc. Chiefly Remainders, ordered at much reduced prices by Williams & Norgate. London - Edinburgh.
October 1863. 8vo.

1863 Dec. 30. Obs.
Catalogue d'une collection précieuse de livres d'Astronomie Provenant de la Bibliothèque de M. H. Umpfenbach. En vente aux prix marqués, chez S. Calvary et Cie.
Berlin. 8vo

1863 Dec. 30 Obs.
Catalogues des livres scientifs. No. 5 Chez A Asher & co.
Berlin. 8vo.

1863 Dec. 26. G.P.B.
XIII. On the Diurnal Inequalities of Terrestrial Magnetism, as deduced from observations made at the Royal Observatory, Greenwich, from 1841 to 1857. By George Biddell Airy, M.A. F.R.S. Astronomer Royal. 4to.

1863 Dec. 15. G.P.B.
Map of the World, on Sir John Herschell's Projection, exhibiting all the accessible portion of the surface of the Globe. Twice revised. Edinburgh. A & C. Black. Publishers.

G.P.B.

1863 Dec. 15.
Geology of North America; with two reports of the prairies of ~~New Mexico~~ Arkansas & Texas. the Rocky Mountains of New Mexico, & the Sierra Nevada of California. Originally made by Jules Marcou, for the United States Government.
Zurich. by Zürcher & Furber, & sold by A. Klincksieck. No. 11 Rue de Lille, a Paris. New York. Wiley & Halsted. Broadway London, Trübner & Co. Williams & Norgate - Leipzic, Wilhelm Engelmann. 1858. 4to.

G.P.B.

1863 Dec. 21. Book Catalogue, Bulletin Mensuel (Reinwald) Oct. Nov. 1863. G.P.B.
B. Westermann & Co's, London, Book List Sept. Oct. 1863; B. Westermann & Co's. Literary Bulletin. Nov. 1863.

1863. Dec. 26. Book Catalogues. Moser of Tübingen Verzeichniss naturwissenschaftlicher und mathematischer Werke 1863; and Catalog XIV der antiquarischen Bücherlagers von Eduard Goll.

Obs.

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1864. Jan. 14. G. P. B.
On the Density, Rotation & Relative Age of the Planets.
8 vo.

1864 Jan 14. G. P. B
Experiments on the Formation of Infusoria in boiled solutions of organic matter, inclosed in Hermitically sealed vessels & supplied with pure air.
By Jeffries Wyman, M. D. 8 vo.

1864 Jan. 14. G. P. B.
Terrestrial Magnetism, a consequence of the earth's motion in Ether: how confirmed by observation. / An explanatory notice by Prof. Gustavus Hinrichs, Iowa State University. / Iowa City, Iowa. 1864. 8 vo.

1864 Jan. 14. G. P. B.
Der Erdmagnetismus als folge der Bewegung der Erde im Aether. Von Gustav Hinrichs, Cand. Math.
Kopenhagen. Gyldendal'sche Buchdruckerei. 1860. 8 vo.

1864 Jan. G. P. B.
Explanation to the ~~Book~~-Policy-Holders of the manner in which the surplus of the Mutual Life Insurance Co. of New York, for the five years 1858-1862, has been distributed. 8 vo.

1864 Jan. 14. G. P. B.
Observations faites à l'époque où le plan des anneaux de Saturne passait par le Soleil, par O. Struve. 8 vo.

1864 Jan. 14. G. P. B.
Mémoires de l'Académie Impériale des Sciences de St Pétersbourg. VIIe Série. Tome V. No. 4.
Observations de la Grande Nébuleuse d'Orion, faites à Kazan et à Poulkova, par O. Struve, membre de l'Académie. 1re Partie: Mémoire de M. Lilienthal sur les observations de Kazan. IIe Partie: O. Struve, Additions au Mémoire de M. Lilienthal et Observations de Poulkova. (Avec 4 Planches.)
Présenté le 1 novembre 1861.
St Pétersbourg, 1862. Commissionnaires de l'Académie Impériale des Sciences: / à St Pétersbourg, MM. Eggers et Co; à Riga, M. Samuel Schmidt, à Leipzig, M. Léopold Voss.
Prix: 1 R. 95 Kop. = Thlr. 15 Sgr. 4to.

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1864 Jan. 11. Obs.
Abstracts of Magnetical Observations, made at the Magnetical Observatory, Toronto, Canada West, during the years 1856 to 1862, inclusive, and during parts of the years 1853 and 1855. Toronto: Printed by Lovell & Gibson, Yonge St. 1863. 4to.

1864 Jan. 4. Obs.
Memoirs of the Royal Astronomical Society. Vol. XXXI. Being the Quarto Volume for the Session 1860-1862. London. Published by the Society, and sold at their apartments, Somerset House. 1863. 4to.

1864 Jan. 4. G.P.B.
Report of the thirty-second Meeting of the British Association for the Advancement of Science; Held at Cambridge in October 1862. London: John Murray, Albemarle St. 1863. 8vo.

1864 Jan. 26. G.P.B.
Astronomische Beobachtungen auf der Sternwarte der Königlichen Rheinischen Friedrich-Wilhelms-Universität zu Bonn, angestellt und herausgegeben von Dr. Friedrich Wilhelm August Argelander, Director der Sternwarte. Fünfter Band. Bonner Sternverzeichniss. Dritte Section. Bonn, bei Adolph Marcus. 1862.
Bonner Sternverzeichniss. Dritte Section, enthaltend die geraderen mittleren Oerter von 10812 Sternen zwischen 41 und 90 Grad nördlicher Declination für den Anfang des Jahrs 1855. Unter Mitwirkung der Herren Prof. Dr. E. Schönfeld und Professor Dr. A. Krüger, auf der Sternwarte der Königlichen Rheinischen Friedrich-Wilhelms-Universität zu Bonn beobachtet und berechnet, von Dr. Friedrich Wilhelm August Argelander, Director der Sternwarte. Bonn, bei Adolph Marcus. 1862. 4to

Ditto Observatory.

1864 Jan. 15. Obs.
Astronomical & Magnetical & Meteorological Observations made at the Royal Observatory, Greenwich, in the year 1861: under the direction of George Biddell Airy, Esq. M.A., Astronomer Royal. Published by order of the Board of Admiralty, in obedience to Her Majesty's Command. London: printed by Geo. Edw. Eyre & Wm. Spottiswoode, Printers to the Queen's most Excellent Majesty. For Her Majesty's Stationery Office. 1863. 4to.

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1862phae.proj..270.

1864 Jan. 26. Obs.
Royal Observatory, Greenwich. Results of Magnetical & Meteorological Observations. 1861. 4to. From the Royal Society.

1864 Jan. 26. G. P. B.
Jahresbericht, a m 14. Juni 1863 Dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt.) Anhang I. Statuten der Nicolai-Hauptsternwarte. " II. Verordnungen des Ministers. St. Petersburg. Buchdruckerei der Kaiserlichen Akademie der Wissenschaften. 1863. 8vo. From Imp. Obs. Pulkova.

Ditto Observatory.

1864 Jan. 26. G. P. B.
Fehler-Verzeichniss für die Bonner Zonenbeobachtungen zwischen 45° und 80° nördlicher Declination. Aus dem 8ten Bande der Bonner Beobachtungen besonders abgedruckt. 4to.

Ditto Observatory.

1864 Jan. 26. G. P. B.
Parallaxen-Bestimmungen mit dem Königsberger Heliometer. Von Dr. A. Auwers. 4to.
From A. Auwers.

Ditto Observatory.

1864 Jan. 26. Obs.
Achtundvierzigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1862. Von Dr. H. Meiger, Secretär. Emden. Druck von D. Th. Woortman. 1863. 8vo.

1864 Jan. 26. Obs.
Das geographische System der Winde über dem atlantischen Ocean in der vom Aequator nach den Angelpunkten der Erde gehenden Richtung, die Aenderung seiner Lage in der jährlichen Wende auf der nördlichen Halbkugel. Durch leicht verständliche Formeln dargestellt von Dr. M. A. F. Prestel. Kleine Schriften der Naturforschenden Gesellschaft in Emden. Emden. Druck von Th. Hahn Wwe. 1863. 4to.

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1862phae.proj..270.

1864 Jan. 26. G. P. B.
Results of the Magnetic Observations at the New Observatory from 1857 & 1858 to 1862 inclusive. Nos. I. and II. Sections 1 to 8. By Edw. Sabine, Maj. Gen. R. A. & President of the Royal Society. From the Philosophical Transactions. I. Part I. 1863. London: Printed by Taylor & Francis, Red Lion Court, Fleet St. 1863. 4to. 1 hd 449.
From Royal Society.

1864. Jan. 28. Obs.
The Mathematical Miscellany. Vol II. Conducted by C. Gill, Prof. of Mathematics, St Paul's College, N. Y. Published at St Paul's College. Nos. VII. & VIII. For sale in New York by Wm. Jackson, 102 Broadway; and in London, by Richard Groombridge, Panyer Alley, Paternoster-Row. 1839. 8 vo.
From Prof. O. Root. Hamilton College.

1864. Jan. 28. Obs.
The Mathematical Miscellany. Number I. Conducted by C. Gill, Prof. of Mathematics in the Institute at Flushing Long Island. Published at the Institute. New York: W. C. Dean, Printer, No. 2 Ann Street. 1836. 8 vo.
From Prof. O. Root. Hamilton College.

1863 Dec. 30. Obs.
Jerome de la Land's Logarithmisch-trigonometrische Tafeln vermehrt durch die Tafeln der Gauss'schen Logarithmen; durch die Logarithmen der Atomgewichte einfacher und einiger zusammengesetzten chemischen Stoffe; durch die Logarithmen anderer Zahlen, die in der Chemie und Physik oft gebraucht werden und durch einige mathematische Formeln. Herausgegeben von Heinrich Gottlob Köhler Dr. phil. Dritte verbesserte und vermehrte Stereotyp-Ausgabe. Leipzig, Druck und Verlag von Karl Tauchnitz. 1849. Bought of H. T. Parker. 1 s.

1863 Dec. 30 Obs.
Vollständige logarithmische und trigonometrische Tafeln zum Theil in neuer Anordnung, durch Zusätze erweitert und mit ausführlichen Erläuterungen versehen von Dr. C. F. August, Professor und Director des Göllnischen Real-Gymnasiums, Ritter des rothen Adlerordens vierter Classe, Mitglied mehrerer gelehrten Gesellschaften. Dritte Auflage. Berlin. Verlag von Veit und Comp. 1853.
Bought off H. T. Parker. 1 s.

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1863 Dec. 30. Obs.
De Ascensionibus Rectis A Flamsteadio Quadrantis Muralis Ope Observatis. Dissertatio Astronomica. Scripsit et Summorum in Philosophia Honorum Auctoritate Amplissimi Philosophorum Ordinis In Universitate Fridericia Guilelmia Rhenana Rite Obtinendorum Caussa. Una cum Lententiis controversis die XI. Mensis Augusti CIↃIↃCCCLIIII In Publico Defendet Adalbertus Krueger Mariaeburgensis. Adversariorum Partes Suscipient: Ed. Schoenfeld, Philos. Dr. Remmt. Theod. Meyer, Labor. Phys. Adiunct. Bonnae Formis Caroli Georgi.
Bought of H. T. Parker. 6d.

1863 Dec. 30. Obs.
De Methodis Variis Perturbationes Speciales Dictas Computandi. Dissertatio Inauguralis Astronomica Quam Pro Summis In Philosophia Honoribus In Academia Christiana-Albertina Rite Obtinendis Scripsit Mauritius Allé Moravo-Brunnensis Specolae Astronomicae Cracoviensis Adiunctus. Killiae. Ex Officina L. F. Mohr. MDCCCLX.
Bought of H. T. Parker. 1 s. 146.

1863 Dec 30. Obs.
Report of the Astronomer Royal, To the Board of Visitors. Read at the Annual Visitation of the Royal Observatory. Greenwich, 1850 June 1.
Bought of H. T. Parker. 1s.6d. 29.

1863 Dec. 30. Obs.
C. G. W. Struve, Observationes Astronomicas, institutas in specula Universitatis caesareae Dorpatensis, publici juris facit Senatus Universitatis. Voluminis IV. seu novae seriei Volumen I. Observationes annorum 1822 et 1825. Dorpati, 1825. Ex officina academica J. C. Schuemmanni.
Bought of H. T. Parker. 2 l. 1s. 120. 5 volumes in 2.

1863 Dec. 30. Obs.
Catalogue de 501 Étoiles, Suivi des Tables relatives d'Aberration et de Nutation, par Antoine Cagnoli, Chevalier de l'Ordre de la Couronne de Fer, Président de la Société Italienne des Sciences, Professeur de Mathématiques Transcendantes à l'Ecole Militaire de Modène, Membre de l'Institut National Italien et de plusieurs Académies. A Modène chez la Société Typographique. 1807.
Bought of H. T. Parker.

1863. Dec. 30. Obs.
Mémoire sur l'attraction d'un ellipsoide Homogène; par M. Poisson. Lu à l'academie, le 7 ~~septembre~~ octobre 1833. 4to.
Bought of H. T. Parker, 5 s. 6d.

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1863. Dec. 30. Obs.

Zweijaehrige Beobachtungen der meisten jetzt Bekannten Veraenderlichen Sterne, von J. A. C. Oudemans. 4 to.
Bought of H. T. Parker. 1 s.

1863. Dec. 30. Obs.

XVII. On a method of describing the relative Positions & Magnitudes of the fixed Stars; together with some Astronomical Observations. By the Rev. Francis Wollaston, LL.B. F.R.S.
Bought of H. T. Parker. 2/6.

1863. Dec. 30. Obs.

On the results of periodical Observations of the positions and distances of nineteen of the Stars in Sir John Herschel's list of Stars, favorably situated for the Investigation of Parallax, contained in part III. of the Philosophical Transactions for 1826, and part I. 1827. By Lord Wrottesley, F.R.S. &c.
From the Philosophical Transactions. I Part II. for 1851.
London: Printed by Richard Taylor, Red Lion Court, Fleet St.
1851. 4 to. Bought of H. T. Parker. 1/6.

1863. Dec. 30. Obs

Cométographie ou Traité Historique et Théorique des Comètes. Par M. Pingré, Chanoine Régulier et Bibliothécaire de Sainte-Geneviève, Chancelier de l'Université de Paris, de l'Académie Royale des Sciences. Tome Second. A Paris, de l'Imprimerie Royale. M. DCC.LXXIV. 4 to. Atlas. Tome 1st.
Bought of H. T. Parker. 2 vols. 16 s.

1863. Dec. 30. Obs.

Du Calcul des Dérivations; par L. F. A. Arbogast, De l'Institut National de France, Professeur de Mathématiques à Strasbourg. A Strasbourg, De l'Imprimerie de Levrault, Frères. An VIII (1800). 4 to.
Bought of H. T. Parker. 10/6.

1863. Dec. 30. Obs.

Observations Astronomiques faites a l'Observatoire Royal de Paris; publiées par le Bureau des Longitudes. Tome Premier & Second. Paris, Bachelier (Successeur de Mme Ve Courcier), Libraire pour les Mathématiques, Quai des Augustins, No. 55. 1825-1828. 4 to.
Bought of H. T. Parker. 2 vols. in one. £1. 5 s.

1863. Dec. 30. Obs.

Tables de Logarithmes pour les nombres et pour les lignes.
Bought of H. T. Parker. 1/6 d.

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1863. Dec. 30. Obs.

Johannis Hevelii Prodromus Astronomiae, Exhibens Fundamenta, quae tam ad norum plane & correctionem Stellarum Fixarum Catalogum conficiendum, quam ad omnium Planetarum Tabulas corrigendas omnimodè spectant; nec non Novas & correctiores Tabulas Solares, aliasque plurimas ad Astronomiam pertinentes, utpote Refractionum Solarium, Parallaxium, Declinationum, Angulorum Ecliptica & Meridiani, Ascensionum Rectarum & Obliquarum, Horizonti Gedanensi inservientium, Differentiarum Ascensionalium, Motûs item & Refractionum Stellarum Fixarum. Quibus additus est liber Catalogus Stellarum Fixarum, tam majus ad Annum 1660. quàm minor ad Annum completum 1700. Accessit Corollarii loco Tabula Motus Lunae Librationis, ad bina secula proximè ventura prolongata, hactenus cum Descriptione, ejusque usu. Cum Gratia & Privilegio Sac. Reg. Maj. Polon. Gedani, Typis Johannis-Zachariae Stollii. Anno M DC XC. 4to.
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Memoires sur L'Horlogerie Exacte, Contenant: I. Remarques sur l'Horlogerie exacte, et proposition d'un Echappement libre (à double roue) avec une réduction considérable de frottement. II. Description de l'Echappement libre à double roue. III. De l'Isochronisme des vibrations du pendule des Horloges astronomiques dans des arcs d'égale étendue. IV. Description d'un pendule compensateur construit de corriger la compensation et de parvenir au dernier point d'exactitude. V. De l'influence de l'air sur le régulateur des Pendules astronomiques et des Horloges à longitude. Suivi de la Description d'un nouveau Thermomètre Métallique à Minimum. Par Urbain Jürgensen, Horloger pour l'Astronomie et la marine, Chevalier de l'Ordre du Danebrog et D. M., Membre de la Société royale des Sciences et du Comité des Arts de la Société économique royale de Copenhague. Avec cinq Planches en Taille-douce. Publiés et en Partie Traduits du Danois par le Fils Aîné de l'Auteur, Louis-Urbain Jürgensen. Paris, Bachelier, Imprimeur-Libraire pour les Sciences, Quai des Augustins, No. 55. 1832. 4 to.
Bought of H. I. Parker. 3/6.

1863. Dec. 30. Obs.

Beiträge zur physischen Kenntniss der himmlischen Körper im Sonnensysteme von Wilhelm Beer, Königl. Preuss. Geheimen Commerzienrathe, Canthur u. Ritter mehrerer Orden, corresp. u. Ehrenmitgliede verschiedener gelehrten Gesellschaften. Dr. J. H. Mädler, Kaiserl. Russ. Hofrathe ordentlichem Professor an der Universität und Director der Sternwarte zu Dorpat, mehrerer gelehrten Gesellschaften Mitgliede. Mit 7 Kupfertafeln. Weimar, 1841. Druck und Verlag von Bernhard Friedrich Voigt. 4 to.
Bought of H. I. Parker. 2/6. 6d.

1863. Dec. 30. Obs.

Die Astronomische Strahlenbrechung in Ihrer Historischen Entwickelung Dargestellt von Dr. C. Bruhns, Astronom der neuen Sternwarte und Professor an der Universität zu Leipzig. Eine Gekrönte Preisschrift. Leipzig, Voigt & Günther. 1861. 4 to.
Bought of H. I. Parker. 3/6 d.

1863. Dec. 30. Obs.

Tables de Logarithmes pour les Nombres et pour les Sinus. Avec les explications et les usages principaux pour l'Astronomie, la Gnomonique, la Géométrie, la Navigation, la Géographie, la Physique, l'Art Militaire, l'Architecture, l'Arpentage, la Statique et les Rentes. Par Jérôme De la Lande. Edition Stéréotype. Bruxelles, Publié par la Société nationale pour la propagation des Bons Livres. Gérant Ch.-J. De Mat. 1844. 4 to.
Bought of H. I. Parker. 1/6 d.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863, Dec. 30. Obs.

Lestrange. Mélanges d'Érudition et de Critique Historique. Précédés de l'Éloge de l'Auteur par M. le Baron Walckenaer, Secrétaire perpétuel de l'Académie des Inscriptions et Belles Lettres. Paris, E. Dicrocq, Libraire-Editeur, 55, Rue de Seine. 8vo.
Bought of H. T. Parker. 6/s. 10 d.

1863, Dec. 30. Obs.

Ad Sacrum in Domo Emendatorum Memoriam Spe Recolendam et Ad Novi Magistratus Academici Renuntiationem Rite Peragendam Coetum Academicum in Diem XXI. Mensis Novembris indicit Universitatis Regiae Hauniensis Prorector Georgius Forchhammer, Phil. Doctor. et Mineralogiae Professor Ordinarius, Ordinis Dannebrogici Commend. Eiusdem Crucis Argentea Ornatus, Cum Senatu Academico. Hauniae M.DCCC.LXI. Ghest H. L. D'Arrest, Astron. Professoris Ordinarii, Disputatio de Instrumento Magno Aequatoreo in Specula Universitatis Hauniensis super Erecto. 8vo
Bought of H. T. Parker. Price not in Lowndes

1863, Dec. 30. Obs.

Petri Horrebowii In Academia Regia Hauniensi Astronomiae Professoris Operum Mathematico-Physicorum Tomus Primus. Continens Elementa Matheseos, in Propositionem Harmonicam Mathematis, Clavem Astronomiae Alterq Tanto Auctiorem. Hauniae CIↃIↃCCXL. Sumtibus Jacobi Preudtii. 8vo.
Bought of H. T. Parker. 4/s.

1863, Dec. 30. Obs.

Du Calcul des Dérivations; Par L. F. A. Arbogast, De l'Institut national de France, Professeur de Mathématiques à Strasbourg. A Strasbourg, De l'Imprimerie de Levrault, Frères. An VIII (1800). 4to.
Bought of H. T. Parker. 10/6.

1863, Dec. 30. Obs.

Astronomie, par M. De la Lande, Conseiller du Roi, Lecteur Royal en Mathématiques; Membre de l'Académie Royal des Sciences de Paris; de la Société Royale de Londres; de l'Académie Impériale de Petersbourg; de l'Académie Royale des Sciences & Belles Lettres de Prusse; de la Société Royale de Gottingen; de l'Institut de Bologne; de l'Académie des Arts établie en Angleterre, &c. Lecteur Royal. Tome Premier. A Paris, Chez Desaint & Saillant, Libraires, rue S. Jean-de-Beauvais. M.DCC.LXIV. Avec Privilege du Roi. 4to. 2 vols.
Bought of H. T. Parker. 19/9.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. Dec. 30. Obs.
Cométographie ou Traité Historique et Théorique des Comètes. Par M. Pingré, Chanoine Régulier & Bibliothécaire de Sainte Geneviève, Chancelier de l'Université de Paris, de l'Académie Royale des Sciences. A Paris, de l'Imprimerie Royale. M.DCC.LXXXIV. 4to. 2 vols.
Bought of H.T. Parker. 16/s.

1863. Dec. 30. Obs.
(181) XVII. On a method of describing the relative Positions and Magnitudes of the fixed Stars; together with some Astronomical Observations. By the Rev. Francis Wollaston LL.B. F.R.S. Read February 5. 1784. 4to.
Bought of H.T. Parker. 2/s.

1863. Dec. 30. Obs.
On the results of Periodical Observations of the position and distances of thirteen of the stars in Sir John Herschel's List of Stars, favorably situated for the investigation of Parallax, contained in Part III of the Philosophical Transactions for 1826, and Part I. 1827. By Lord Wrottesley, F.R.S. etc. From the Philosophical Transactions. — Part II for 1851. London: Printed by Richard Taylor, Red Lion Court, Fleet St. 1851. 4to.
Bought of H.T. Parker. 1/s.

1863. Dec. 30. Obs.
Mémoire sur l'attraction d'un Ellipsoide Homogène. Par M. Poisson. Lu à l'académie, le 9 Octobre 1833. 4to.
Bought of H.T. Parker. 5/s 6d.

1863. Dec. 30. Obs.
Zweijährige Beobachtungen der meisten jetzt Bekannten Veränderlichen Sterne. von J. A. C. Oudemans. 4to.
Bought of H.T. Parker. 1/s.

1863. Dec. 30. Obs.
Observations Astronomiques faites à l'Observatoire Royal de Paris; publiées par le Bureau des Longitudes. De l'Imprimerie de Huzard-Courcier, Rue du Jardinet, No. 12. Paris; Bachelier (Successeur de Mme Ve Courcier), Libraire pour les Mathématiques, Quai des Augustins, No. 55. 1825. 4to.
Bought of H.T. Parker. 2 vols. in one. £1. 5s.

1863. Dec. 30. Obs.
Historische Untersuchungen über die astronomischen Beobachtungen der Alten, von Ludwig Ideler, Astronomen der Königl. Preussischen Akademie der Wissenschaften. Berlin, bey C. Quien 1806. 8vo.
Bought of H.T. Parker. Price not in Invoice.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1863. Dec. 30. Obs.

Johannis Hevelii Prodromus Astronomiae. Exhibens Fundamenta, quae tam ad novem planè & correctiorem Stellarum Fixarum Catalogum construendum, quàm ad omnium Planetarum Tabulas corrigendas omninodè spectant; nec non Novas & correctiones Tabulas Solares, aliasque plurimas ad Astronomiam pertinentes, utpote Refractionum Solarium, Parallaxium, Declinationum, Angulorum Ecliptica & Meridiani, Ascensionum Rectarum & Obliquarum, Horizonti Gedanensi inservientium, Differentiarum Ascensionalium, Motûs item & Refractionum Stellarum Fixarum. Quibus additus est uterq; Catalogus Stellarum Fixarum, tam major ad Annum 1660. quàm minor ad Annum completum 1700. Accessit Corollarii loco Tabula Motûs Lunae Libratorii, Ad bina Secula proximè ventura prolongata, brevi cum Descriptione, ejusque usu. Cum Gratiâ & Privilegio Sac. Reg. Maj. Polon. Gedani, Typis Johannis-Zachariae Stollii. Anno Dn. Dc xc. 4to.
Bought of H. J. Parker. 1/s. 10d.

1863. Dec. 30. Obs.

Fixarum Praecipuarum Catalogus Novus ex Observationibus Astronomicis in Specula Astronomica Gothana Annis 1787. 1788. 1789. 1790. Habitis ad Initium anni M.DCCC. Constructus. Auctore Francisco de Zach. Gothae, in commissis apud Carolum Guilielmum Ettinger. MDCCCXXXII. 4to.
Bought of H. J. Parker. Price not on invoice.

1863. Dec. 30. Obs.

Mémoire sur le Calcul des Perturbations et le prochain retour a son périhélie de la Comète de Halley; Par G. De Pontécoulant, Membre de la Société royale de Londres &c. de l'Académie des Sciences de Berlin. 4to.
Bought of H. J. Parker. Price not on Invoice.

1863. Dec. 30. Obs.

Physikalisch-astronomische Beobachtungen von Dr. Gruithuisen, M. d. K. A. d. N. Mit einer Kupfertafel. 4to.
Bought of H. J. Parker. Price not on Invoice.

1863. Dec. 30. Obs.

Register für die Monatsberichte der Königlichen Preuss. Akademie der Wissenschaften zu Berlin vom Jahre 1836 bis 1858. Berlin. Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften. 1860. In Commission in Ferd. Dümmler's Verlags-Buchhandlung. 4to.
Bought of H. J. Parker. Price not on Invoice.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1863. Dec. 30. Obs.

Uranodromus Cometicus. Ein ausführlicher Gracial Vorgrossen Cometen dessi 618 Jahrs, darinnen seine erscheinung und Lauss, seine Hohe von der erden und andere daraus Folgende Sachen durch Astronomische rechnung dargethan, und seine bedeutungen durch gebührliche muthmassung gesucht werden. Nebest ein gefugtem discurs von Cometen in gemein. Beschrieben von M. Petro Lilligero. Königl. Stadt. Dantzigk Mathematico. Plaga Lauli Orientalis Vien ad centrum constitutio. Dantzigk, Gedruckt und Verlegt durch Andream Hünefeldt. Im Jahr. 1619. 8vo.
Bought of H. I. Parker. 7/s. 9d.

1863. December 30. Obs.

Populäre Vorträge über Astronomie von Dr. Karl Theodor Anger, ehemals Professer der Mathematik am Gymnasium zu Danzig. Nach dem Tode des Verfassers herausgegeben von Dr. Gustav Baddach Professer der Naturgeschichte an der Universität zu Königsberg. Danzig, Verlag von A. W. Kafemann. 1862. 8vo.
Bought of H. I. Parker. Price not on cover.

1863. December 30. Obs.

Der Schöne Halley, ein Komet, den wir anit dem Jahre 1834 wieder zu erwarten haben. Mit einer gemeinfasslichen, Jedermann verständlichen Belehrung über Kometen überhaupt von Heinrich August Herbst, Pfarrer zu Veitsberg und adjunct der Schulaufsicht. Mit drei Zeichnungen. Zweite unveränderte Auflage. Ilmenau 1834. Druck und Verlag von Bernh. Friedr. Voigt. 8vo.
Bought of H. I. Parker. Price not on cover.

1863. December 30. Obs.

Die Wunder des Himmels, oder gemeinfassliche Darstellung des Weltsystems. Von J. J. Littrow, Director der K. K. Sternwarte in Wien. Mit Königl. Würtembergischem Privilegium. Drei Bände Mit dem Bildnisse des Verfassers und astronomischen Tafeln. Erster Theil: Theorische Astronomie. Stuttgart, Carl Hoffmann. 1834. 8vo.
Bought of H. I. Parker. 6/ 6d

1863. Dec. 30. Obs.

Die Lehre von Grössten und Kleinsten. Mit einer Einleitung und einem Anhange, von denen die erstere Hilfssätze aus der Differential- und Integral-Rechnung, der letztere dagegen eine etwas allgemeinere Variations-Rechnung enthält. Zu seinen Vorlesungen und zum Selbst-Unterrichte bearbeitet von Dr. Martin Ohm, an der Königl. Universität zu Berlin ausserordentl. Professor, Lehrer an der Königl. Bau-Akademie daselbst, und mehrer gelehrten Gesellschaften Mitglied. Berlin 1825. Bei J. H. Riemann. 8vo.
Bought of H. I. Parker. 3/s. 11d.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1863. Dec. 30. Obs.

Neuer Comet, Stern. Welcher im November des 1680 sten Jahres erschienen. Und zu Plauen im Voigtlan= der dergestalt observiret worden, Sampt etlicher Beschreibung, und darüber Habenden Gedancken. Gedruckt und zu finden daselbst bey Johann Christian Meisen. 8 vo.
Bought of H. T. Parker. 6/d.

1863. Dec. 30. Obs.

Der grosse Komet von 1556 und seine bevorstehende Wiederkehr. Von Dr. G. A. Jahn. Mit fünf in den Text gedruckten Abbildungen. Leipzig Verlagshandlung von J. J. Weber. 1856. 8 vo.
Bought of H. T. Parker 6/d.

1863 Dec. 30. Obs.

Cometen Historia Das ist, Kurtze Beschreibung der fürnembsten Cometen so von der Regierungs anders Romischen Kayssers Augusti und der gnadenreichen Geburtt unsers Herrn und Heylands Jesu Christi, innerhalb 1618. Jahren sein geschen worden. Aus den Historicis kurtz und Summarischer weis zusamen getragen und verteutscht. Von M. Elia Ehingen der Lateinischen Schulben S. Anna in Augspurg Primario. Psalm Mundi. Wittenacht. Gedruckt zu Augspurg, bey Johann Schultes. 8 vo.
Bought of H. T. Parker. 1/s.

1863 Dec. 30. Obs.

Atlas des gestirnten Himmels von T. T. v. Littrow, Director der Kaiserl Königl. Sternwarte in Wien. Stuttgart, Carl Hoffmann. 1839. 8 vo.
Bought of Henry T. Parker. 6s. 6d.

1863 Dec. 30. Obs.

Oder Cometenhatzer, Das ist: Eine glaubwürdige kopey Articulierter und wohlmagst= ger Klag, des guten, unschuldigen Cometen, Welcher im abgestossenen nächstt verlichenen 1618. Jahr erschienen. Wieder und gegen K. K. Wegen viel übel beygelegter Unwahrheit und Unbilligkeit den 25. Januarij jtzt lauffenden Jahres 1619. dem Gott. Apollini in Parnasso. Durch erbeldten Cometen Wolbestellten Anwald im Rechtenlehanne Porcopio. übergeben. Gedruckt in Carnoffischer Buchdruckerey. Durch Philippum Zoranettum, Anno M! Dlo. XIX. 8 vo.
Bought of H. T. Parker. 9d.

1863 Dec. 30. Obs.

Die Kometen und ihre Bedeutung als Weltkörper. Nach den Resultaten der neusten wissenschaftlichen Forschungen gemeinfasslich dargestellt von G. von Boguslawski. Stettin, 1857. A. Bartelleri. 8 vo.
Bought of H. T. Parker. 1/s.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

186 . Dec. 30. Obs.

Vernünftige Gedancken über die neue Cometenlehre des P. T. Herrn Rector Johann Heyns zu Altbrandenburg, so er in seinem Versuch einer Betrachtung über die Cometen. vorgetragen, nebst einem Beweis a priori von dem Umschwunge der Erde und der andern Planeten, über die langen Whistonischen Schöpfungstage, entworfen von Christian Gottlieb Guttmann Rector der Fürstl. Stadtschule zu Bernstadt. Leipzig, bey Bernh. Christoph Breitkopf. 1744. 8vo.
Bought of H. T. Parker. 6/d.

186 . Dec. 30. Obs.

Neueste Berichte vom Cap der guten Hoffnung über Sir John Herschel's höchst merkwürdige astronomische Entdeckungen, den Mond und seine Bewohner betreffend. Nebst Kurzer Uebersicht einiger neu entdeckter und beobachteter Doppelsterne und Nebelflecken. Hamburg, bei Johann Philipp Cave. 1836.
Bought of H. T. Parker. 6/d.

186 . Dec. 30. Obs.

Observatio und Beschreibung des Cometen, welcher im Novembr und Decembr. des 77. und noch im Januario dieses 78. Jhars erschienen, Geschehen und gestellet durch Andream Hallhium, Mathematicum. 8vo.
Bought of H. T. Parker. 1/s. 6d.

186 . Dec. 30. Obs.

Grundzüge der Wahrscheinlichkeits Rechnung. Von G. Hagen, Königlich Preußischen Geheimen Ober-Baurath. Mit einer Figuren-Tafel. Berlin, bei F. Dümmler. 1837. 8vo.
Bought of H. T. Parker. 3/s. 12d.

186 . Dec. 30. Obs.

Johann Friedrich Volackes D. & Professoris zu Frankfurt an der Oder Kurze Betrachtung über den Cometen insbesondre dieses 1744ten Jahres, welche sonnetenunter dessen Vorsitze auf hiesiger hohen Schule vertheidigt hat, Johann Gottfried Benicke von Landsberg an der Warte. Frankfurt an der Oder, bey Johann Gottfried Conradi. 1744. 8vo.
Bought of H. T. Parker. 6/d.

186 . Oct. 28. Y. P. B

(From the American Journal of Science, Vol. XXXVI, Nov., 1863.)
On Vibrating Water-Falls. By Elias Loomis, Professor of Natural Philosophy and Astronomy in Yale College. 8vo.

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186 Dec. 30. Obs.

Mappa Coelestis sive Tabulae Quinque Enerrantium Septimum Ordinem non Excedentium et Usque ad XXX Gradum Decl. Austr. Pertinentium Quas pro Medio Seculo XIX Stereographice Construxit G. Schwinck. Leipsiae. H. F. Köhler. MDCCCXLIII.

Bought of H. J. Parker.

186

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1864. Feb. 25. G.P.B.

Astronomical and Meteorological Observations made at the United States Naval Observatory during the year 1862. Published by authority from the Hon. Secretary of the Navy. Captain J. M. Gillis U.S.N., Superintendent. Washington Government Printing Office. 1863. 4 to. [3 copies.]

Presented by the Naval Observatory of the United States.

1864. Feb. 25. G.P.B.

Memoirs of the American Academy of Arts and Sciences. New Series. Vol. VIII. – Part II. Cambridge and Boston: Welch, Bigelow, & Co. Printers to the University. 1863. 4 to.

1864. Feb. 20. Obs.

Berliner Astronomisches Jahrbuch für 1866. Mit Genehmhaltung der Königlichen Akademie der Wissenschaften herausgegeben von J. F. Encke, Director der Berliner Sternwarte, unter Mitwirkung des Herrn Prof. Wolfers. Berlin. Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften. 1863. Ferd. Dümmler's Verlags-Buchhandlung. Harrwitz und Gossmann. Bought of Sever & Francis. 8 vo.

1864. March 2. G.P.B.

Anuario del Real Observatorio de Madrid. Quinto Año. – 1864. Madrid Imprenta Nacional 1863. 8 vo.
From Royal Observatory Madras.

1864 March 14. G.P.B.

Senate. Report of the Superintendent of the Coast Survey showing the Progress of the Survey during the year 1861. Washington: Government Printing Office. 1862. 4to.

1864. Feb. 15. Obs.

The American Ephemeris and Nautical Almanac. For the years 1855. 1856. 1857. 1858. 1859. Published by authority of the Secretary of the Navy. Washington. 8 vo. From Prof. Winlock, Supt of Am. Coast. Al.

Ditto for 1860. 1861. 1862. 1863, 1864. Bureau of Ordnance and Hydrography, Washington.

Ditto for 1865. Bureau of Navigation. 2 copies. Bought 1 copy of Sever & Francis.

1864. Feb. 17. Obs.

Tables of Neptune, by C. Schubert. Computed for the American Ephemeris and Nautical Almanac, under the superintendence of Commander Charles Henry Davis, U. S. N. Published by Authority of the Secretary of the Navy. Bureau of Ordnance and Hydrography Washington. 1860. 2 copies. 4 to.
From Prof. Winlock, Supt of Am. Coast. Al.

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1862phae.proj..270.

1864. Feb. 18. Obs.

Smithsonian Contributions to Knowledge. New Tables for determining the Value of the Coefficients, in the Perturbative Function of Planetary Motion, which depend upon the Ratio of the Mean Distances. By John D. Runkle, Assistant in the Office of the American Ephemeris and Nautical Almanac. Accepted for publication by the Smithsonian Institution, November, 1855. 4to.
From Prof. Joseph Winlock, Supt. Am. Naut. Al.

1864. Feb. 18. Obs.

Tables of the Moon's Parallax; constructed from Walker's and Adams's Formulae, arranged as a Supplement to the first edition of Peirce's Tables of the Moon, under the superintendence of Charles Henry Davis, Lieut. United States Navy, Superintend Nautical Almanac; and published under the Authority of the Hon. James C. Dobbin, Secretary of the Navy. Washington: Printed for the use of the Nautical Almanac. 1856. 4to.
From Prof. Winlock, Supt. Am. Naut. Al.

1864. Feb. 18. Obs.

Tables of the Moon; constructed from Plana's Theory, with Airy's and Longstreth's corrections, Hansen's two inequalities of long period arising from the action of Venus, and Hansen's Values of the Secular Variations of the Mean Motion and of the Motion of the Perigee. Arranged in a form designed by Professor Benjamin Peirce, consulting Astronomer, for the use of the Nautical Almanac. Under the Superintendence of Charles Henry Davis, Lieut. United States Navy; And published under the Authority of the Hon. John P. Kennedy, Secretary of the Navy. Washington. Printed for the use of the Nautical Almanac 1853. 4to.
From Prof. Joseph Winlock, Supt Am. Naut. Al.

1864. Feb. 9th. Obs.

The Nautical Almanac and Astronomical Ephemeris for the year 1867. With an appendix. Published by order of the Lords Commissioners of the Admiralty. London: Printed by Geo. E. Eyre & W. Spottiswoode, Her Majesty's Printers; and Sold by John Murray, Albemarle Street. 1863. Price two Shillings & Sixpence. 8vo.
Bought of Sever and Francis.

1864. Feb. 15. Obs.

Connaissance des Temps ou des Mouvements Célestes, à l'usage des Astronomes et des Navigateurs, pour l'an 1861, Publiée par le Bureau des Longitudes. Paris, Mallet-Bachelier, Imprimeur-Libraire du Bureau des Longitudes, de l'École Impériale Polytechnique. Quai des Augustins, 55. Décembre 1858.

Ditto for year 1862. April 1860.

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1864. March 9. Obs.

Review by Rev. Dr. H. P. Tappan of his connection with the University of Michigan. Detroit: The Detroit Free Press Steam Book & Job Printing Establishment. 1864. 8 vo. 2 copies.

1864. March 9. G. P. B.

City Document.— No. 20. City of Boston. Report of the Cochituate Water Board, to the City Council of Boston, for the year 1863. 8 vo.

1864. March 14. G. P. B.

Senate. Letter of the Secretary of War, communicating, in answer to a resolution of the Senate, a copy of the report of Major D. Ferguson on the country, its resources, and the route between Tucson and Lobos Bay. 8 vo.

1864. Feb. 27. G. P. B.

Book Catalogues.

No. 11, 12. 1863. November, December. B. Westermann & Co's London Book List. Also No. 12. December.

Bulletin Mensuel de la Libraire Française, publié par Charles Reinwald.

(No. 11 et 12) — Novembre et Decembre 1863. Librairie de Mallet-Bachelier.

1864. Jan. 18. G. P. B.

(The American Journal of Science & Arts.) (Supplement to January number.) Comet Circular. Probable return of the Comet of 1810.

1864. Feb. 4. G. P. B.

Thirty-eighth Annual Report of the President of Harvard College to the Overseers, exhibiting the State of the Institution for the Academical year 1862-63. Cambridge: Welch, Bigelow and Company, Printers to the University. 1864. 8 vo.

1864. Feb. 25. Obs.

Proceedings of the American Academy of Arts and Sciences: Vol. VI. P.P 97-236. 8 vo.

" "

G. P. B.

1864. Feb. 4. G. P. B.

Smithsonian Contributions to Knowledge. 146. Meteorological Observations in the Arctic Seas, By Sir Francis Leopold McClintock, R.N. made on board the Arctic Searching Yacht "Fox" in Baffin Bay and Prince Regent's Inlet, in 1857, 1858, and 1859. Reduced and discussed, at the expense of the Smithsonian Institution. By Charles A. Schott, Ass't U. S. Coast Survey. Accepted for publication April 1861. 4 to. from the Smithsonian Institution.

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1862phae.proj..270.

1864. March 18. G. P. B.

University of Michigan. Catalogue of the Officers and Students for 1864. Ann Arbor: Published by the University. 1864. 8 vo.

1864. March 21. G. P. B.

Appendix No. 22. Development of Bessel's Function for the effect of Periodic Forces, for Durations of Periods frequently occuring in Meteorological and Magnetical Investigations; with examples.— Communicated by Charles A. Schott, Assistant United States Coast Survey. 4 to.

1864. Feb. 17. G. P. B.

Atlas des nördlichen Gestirnten Himmels, für den Anfang des Jahres 1855, Entworfen auf der Königlichen Sternwarte zu Bonn. V. Lieferung. Bonn Adolph Marcus. 1859. Nos. 25, 28, 29, 30, 31, 34, 35, 36, 37, 38, 39, 40.

1864. Feb. 17. Do. Do. Obs.

1864. March 25. G. P. B.

Proceedings of the Literary and Philosophical Society of Liverpool, during the fifty-second Session, 1862-63. No. XVII. Liverpool: Printed for the members of the Society, by Thomas Brakell, 7 Cook St. 1863. 8 vo.

1864. April 2 Obs.

Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1861. Under the superintendence of the Rev. Robert Main, M. A., Radcliffe Observer. Vol. XXI. Published by Order of the Radcliffe Trustees. Oxford: J. H. & J. Parker. 1864. 8 vo.

1864. April 2. Do. Do. G. P. B.

1864. April 2. Obs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München. 1862. II. Heft III. München. Druck von J. G. Weiss, Universitätsbuchdrucker. 1862. In Commission bei G. Franz. 8 vo.

Do. 1862. II. Heft III. [illegible]

Do. 1863. I. Heft 1. Druck von F. Straub.

Do. " I. " II. "

Do. " I. " III. "

Do. Jahrgang 1863. I. (Doppel-) Heft IV. Druck von F. Straub.

Do. 1863. II. Heft 1. "

From the Königl. bayer. Akademie der Wissenschaften zu München.

1864. April 2. G. P. B.

Donations to the Bodleian Library, during the year ending Oct. 10, 1863. Oxford at the Clarendon Press. 8 vo.

From Bodleian Library.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864 April 2. Obs.

Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. IV. Supplementband mit 12 lithographirten Tafeln. München. Druck der F. S. Hübschmann'schen Buchdruckerei (C. Lintner.) 1866. From the Royal Observatory of Munich.

1864. Feb. 16. G.P.B.

Catalog des Antiquariums von W. Setzer in Bremen, Velzer-strasse No 6.

1864. March 30. G.P.B.

The Motions of the Top, Teetotum and Gyroscope, explained by Lieut. C. D. Ashe, R.N., F.R.A.S., Director of the Observatory, Quebec. Jan. 1864. Quebec: Printed by Hunter, Rose & Co., No. 26 St. Ursule Street. 1864.

1864. March G.P.B.

Book Catalogues.

B. Westermann & Co's Literary Bulletin. January & February.

Bulletin Mensuel de la Libraire Française. January.

1864. April 13. G.P.B.

Address of Major-General Sabine, D.C.L. Oxon., L.L.D. Camb., F.R.A.S., F.L.S., The President, delivered at the Anniversary Meeting of the Royal Society, on Monday, November 30, 1863. Printed at the Request of the Fellows. London: Printed by Taylor & Francis, Red Lion Court, Fleet Street. 1863.

1864. April 13. G.P.B.

Catalogue de Livres Anciens et Modernes. Antiquarischer Katalog von F. A. Brockhaus' Sortiment und Antiquarium in Leipzig. Naturwissenschaften und Mathematik III. Mathematik.—Physik.—Astronomie. Leipzig F. A. Brockhaus 1864.

1864. April 27. G.P.B.

Calendar of the University of Victoria College, Cobourg, for the Academic Year 1863-4. Toronto: Printed at the Wesleyan Book & Job Office. 1864.

1864. April 13. G.P.B.

Antiquarisches Bücherlager von Kirchhoff & Wigand in Leipzig, Marienstrasse 7. Mathematik und Astronomie. Mechanik und Maschinenwesen. Technologie u. Handel. February 1864. No. 98.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. April 23. G.P.B.

Senate. Annual Report of the Board of Regents of the Smithsonian Institution, showing the Operations, Expenditures, and Condition of the Institution for the year 1862. Washington: Government Printing Office. 1863.

May 2. Do. Do. Obs.

July 7. " " G.P.B.

1864. June 2. Obs.

Photographs of the Moons.

Bought of Thom. Groom $4.00.

June 2. Obs.

Description of a series of twelve photographs of the Moon, Photographed by Smith, Beck and Beck, 6 Coleman Street, London, E.C. From the originall negatives by Warren De la Rue, Esq., F.R.S. Published December 1862.

Bought of Thomas Groom. 3/4

1864. June 6. G.P.B.

Register of the Commissioned, Warrant and Volunteer Officers of the Navy of the United States, including Officers of the Marine Corps and others, to January 1. 1864. Washington: Government Printing Office. 1864. 8vo.

1864. June 6. G.P.B.

Chronosemic Signals. A System of Fog Signals, for the Signal Code of the United States Navy, and adapted to General Signal Communication. By B. Franklin Greene, Civ. Eng. Ordered to be substituted for the present system of Fog Signals in the Signal Service of the United States Navy, and to be employed, if occasion should require, in place of the usual system of Flag and Light Signals. Bureau of Navigation, Navy Department. Washington: Government Printing Office. 1864. 8vo.

1864. June 6. G.P.B.

Almanic Catalogue of Zodiacal Stars. Printed for the use of the American Ephemeris and Nautical Almanic. Bureau of Navigation. Washington. 1864. 8vo.

1864. June 8. Obs.

Almindelig norsk Huus-Kalender med Primstav og Merkedage. Christiania. Paa P. T. Mallings Forlag; trykt i hans Officin. 1859. 16 vo.

1864. June 8. G.P.B.

Sagttagelser over Kometen 1862 II, anstillede paa Christiania Observatorium af H. Mohn, Observator. (Aftryk af Videnskabsselskabets Forhandlinger for 1862.) Christiania. Trykt hos Brøgger & Christie. 1863. 8vo. From the Author.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. June 8. Obs.

Om astronomiske og geodetiske Observationer, anstillede paa en Reise i Søndre Bergenhuus' og Stavangers Amter i Sommeren 1861. af J. J. Astrand, Observator ved Bergens Observatorium. (Indbetning til det academiske Collegium ved det Kongelige Frederiks-Universitet.) Christiania. Johan Dahl. Trykt i J. Chr. Gundersens Bogtrykkeri. 1863. 8vo. From the Royal Norwegian University at Christiania.

1864. June 8. Obs.

Resultate Magnetischer, Astronomischer und Meteorologischer Beobachtungen auf einer Reise nach Dem Östlichen Sibirien in Den Jahren 1828–1830. Von Professor Christoph Hansteen und Lieutenant Due. Gleichzeitige Beobachtungen v. Dr. Erman nach Kamtschatka. v. Georg Fuss nach Pekin, und v. Baron Ferd. Wrangel und Lieut. Anjou in dem nordöstl. Sibirien und auf dem Eismeere in den Jahren 1821.–1823 beigefügt. Mit drei Karten und einer Figur-Tafel. Anhang, enthaltend magnetische Beobachtungen auf verschiedenen Land- und Seereisen von dem Verfasser und seinen Landsleuten. Herausgegeben von der Gesellschaft der Wissenschaften zu Christiania. Christiania. Gedruckt Bei Brogger & Christie. 1863. 4to.
From the Royal Norwegian University in Christiania.

1864 June 8. Obs.

Kongliga Svenska Fregatten Eugenies Resa Omkring Jorden Under Befäl af Kpt A. Virgin Åren 1851–1853. Vetenskapliga Iakttagelser På 4:o. Majst Konung Oscar Den Förstes Befallning Utgifna af K. Svenska Vetenskaps-Akademien. Fysik. II. Stockholm, 1861. P. A. Norstedt & Söner. 4to.
From the Royal Swedish Academy of Sciences.

1864. June 8. Obs.

Voyage autour du Monde sur la Frégate Suédoise L'Eugénie, exécuté pendant les années 1851–1853, sous le commandement de C. A. Virgin. Observations Scientifiques publiées, par ordre de sa Majesté le Roi Oscar Ier. Par L'Académie Royale des Sciences à Stockholm. Physique. II. Stockholm, 1861. P. A. Norstedt & Fils. 4to.
From Royal Swedish Academy of Sciences.

1864. June 9. S. P. B.

Report of the Astronomer in charge of the Dudley Observatory, For the year 1863. Albany: J. Munsell, 78 State Street. 1864. 8 vol.

1864. June 10. S. P. B.

Book Catalogues.

Bulletin Mensuel de la Librairie Française. Publié par Chas. Reinwald. Paris. Mars. 1864.
Do. Février 1864.
" Avril "

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. June 10. Gs.P.13.
H. Westermann & Co's Literary Bulletin. Nos. 3.4.5. March – May.

1864. June 13. Gs.P.13.
Population of the United States in 1860; compiled from the Original Returns of the Eighth Census, under the direction of the Secretary of the Interior. By Joseph C.G. Kennedy, Superintendent of Census. Washington: Government Printing Office. 1864. 4to.

1864. June 29. Obs.
Mémoires de la Société Impériale des Sciences Naturelles de Cherbourg. Publiés sous la direction de M. le Dr. Augte. Le Jolis, Archiviste-Perpétuel de la Société. Tome IX. Paris, J. B. Baillière et Fils, Libraires, Rue Hautefeuille, 19. Cherbourg, Bedelfontaine et Syffert, Impr., Rue Napoléon, 1. 1863. 8vo.

1864. June 29. Gs.P.13.
Proceedings of the American Academy of Arts & Sciences Page 249-257. 8vo.
From American Academy.

1864. June 29. Gs.P.13
Proceedings of the American Academy of Arts & Sciences. Selected from the Records. Vol. IV. May 26, 1857. – Annual Meeting. 8vo.
From American Academy.

1864. June 29. Book Catalogues. Obs.
Williams & Norgates Foreign Book Circular. No. 13. April, 1864.
June 29. Obs.
Williams & Norgate's Publications April, 1864.

1864. June 29. Gs.P.13.
Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich. Read at the Annual Visitation of the Royal Observatory, 1864. June 4. Greenwich Observations, 1863. 4to.
From G.B. Airy, Astronomer Royal.

1864. June 29. Gs.P.13.
Proceedings of the American Academy of Arts & Sciences. Vol. V. From May, 1860, to May, 1862. Selected from the Records. Boston and Cambridge: Welch, Bigelow, and Company. 1862. 8vo.
From American Academy.

1864. May 4. Gs.P.13.
Le Moniteur Scientifique Journal des Sciences Pures et Appliquées a l'usage des Chimistes des Pharmaciens et des Manufacturiers avec une Revue de Physique et d'Astronomie pour les Professeurs et les Savants. Par M. Ed. Quadrat Huitième Année de Publications. Par le Dr. Quesneville. Tome Sixième. – Année 1864. Paris. Chez M.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj.270.

1864. Quenneville, Rédacteur-Propriétaire. 55, Rue de la Verrerie, 55. 4to.
From M. Ve. Radau.

1864. May 5. Obs.
Connaissance des Temps ou des Mouvements Célestes, a l'usage des Astronomes et des Navigateurs, pour l'An 1863. Publié par le Bureau des Longitudes. Paris, Mallet-Bachelier, Imprimeur-Libraire du Bureau des Longitudes, de l'École Impériale Polytechnique, Quai des Augustins, 55. Octobre 1861. 8vo.
From R. T. Paine.

1864, May 25. G.P.13.
From the Philosophical Magazine for April 1864.
On Reciprocal Figures and Diagrams of Forces. By J. Clerk Maxwell, F.R.S., Professor of Natural Philosophy in King's College, London. 8vo.
From the Author.

1864, July 11. G.P.13.
On the Distribution of the Dark Lines in the Spectra of the Elements. By Prof. Gustavus Hinrichs, Iowa State University. 8vo. (From the American Jour. of Science & Arts. Vol. XXXVIII, July, 1864.)

1864, July 11. G.P.13.
Tables of Mercury, for the use of the American Ephemeris and Nautical Almanac. By Joseph Winlock, Prof. Math. U.S. Navy. Bureau of Navigation, Washington. 1864. 4to.

1864, July 13. G.P.13.
Entwickelung von Differentialformeln zur Verbesserung einer Planeten- oder Kometenbahn nach Geocentrischen Orten nebst Anwendung Derselben auf die Bahnbestimmung des Planeten (64) und Kometen I. 1861. Von Theodor Oppolzer. (Aus dem XLIX. Bande der Sitzungsb. d. Math.-naturw. Cl. der Kais. Akademie d. Wissenschaften besonders abgedruckt.) (Vorgelegt in der Sitzung vom 10. März 1864) Wien. Aus der K.K. Hof- und Staatsdruckerei. In Commission bei Karl Gerold's Sohn, Buchhändler der Kaiserlichen Akademie der Wissenschaften. 1864. 8vo.

1864. July 13. G.P.13
Bahnbestimmung des Planeten (58) „Concordia". Von Theodor Oppolzer. (Aus dem XLVIII. Bande des Jahrganges 1863 der Sitzungsberichte der Mathem.-naturw. Classe der Kais. Akademie der Wissenschaften besonders abgedruckt.) (Vorgelegt in der Sitzung vom 15. October 1863) Wien. Aus der K.K. Hof- und Staatsdruckerei. In Commission bei Karl Gerold's Sohn, Buchhändler der Kaiserlichen Akademie der Wissenschaften. 1863. 8vo.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. July 13. G.P.B.
Bahnbestimmung des Planeten (64) von Theodor Oppolzer. (Aus dem XLVII.) (Vorgelegt in der Sitzung vom 12. März 1863.) Wien. Aus Der K. K. Hof- und Staatsdruckerei, 1863. 8vo.

1864. July 29. Obs.
Proceedings of the American Academy of Arts and Sciences Selected from the Records. Vols. I. II. III. Boston and Cambridge Metcalf and Co. 1848. Index to Vol. I. 8vo.
From Am. Academy.

1864. July 29. Obs.
Proceedings of the American Academy of Arts and Sciences. Selected from the Records. Vol. VI. P. 1 to 96. 8vo.
From Am. Academy.

1864. July 29. Obs.
Proceedings of the American Academy of Arts and Sciences. P. 249 to 457. 8vo.
From Am. Academy.

1864. July 29. Obs.
Memoirs of the American Academy of Arts and Sciences. 4to. Old Series. Vol. III. Parts 1 & 2. Cambridge. Hilliard & Metcalf. 1809.
From Am. Academy.

1864 July 29. Obs.
Memoirs of the American Academy of Arts and Sciences. Vol. IV. Parts I & II. 4to. Old Series. Cambridge. Hilliard & Metcalf. 1821.
From American Academy.

1864. July 29. Obs.
Memoirs of the American Academy of Arts and Sciences. Vols. I. II. III. New Series. 4to. Cambridge & Boston. Metcalf & Co.
From American Academy.

1864. July 29. Obs.
Memoirs of the American Academy of Arts and Sciences. Vol. VI. Part I. New Series. Cambridge & Boston. Metcalf & Co. 1857.
From Am. Academy.

1864 August 19. G.P.B.
XVIII. First Analysis of One Hundred and Twenty-seven Magnetic Storms, registered by the Magnetic Instruments in the Royal Observatory, Greenwich, from 1841 to 1850. By George Biddell Airy. Astronomer Royal. Page 617-648. 4to
From G.B. Airy.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj.270.

1864, July 28. Sm. B.B.

Senate. Results of Meteorological Observations, made under the direction of the United States Patent Office and the Smithsonian Institution, from the year 1854 to 1859 inclusive. Being a report of the Commissioner of Patents made at the first session of the thirty-sixth Congress. Vol. II. Part I. Washington. Government Printing Office. 1864. 4to.

1864, August 25. Sm. P.B.

Remarque sur une Généralisation de la Formule de Taylor, par Édouard Roche, professeur a La Faculté des Sciences de Montpellier. Extrait des Mémoires de l'Académie de Montpellier, tom. V. Paris Lieber, Libraire-Éditeur, Rue de Seine, 13. 1864. 4to.
From Prof. Ed. Roche.

1864, July 20. Sm. P.B.

Catalogue of the State University of Iowa. Iowa City, For the year 1863-64. Publishing House of Syrce, Isaac & Co., Davenport. 1864. 8vo.

1864, July 29. Sm. P.B.

Ueber das Verhältniss der atmosphärischen Luft zu dem in derselben befindlichen Wasserdampfe. Von Professor Lamont. 4to.

1864, Sept. 8. Obs.

Sur les Corrections et Equations Personnelles dans les observations chronographiques de passage, par le Dr. Ad. Hirsch. (Extrait du Bulletin de la Société des sciences naturelles de Neuchâtel.) 8vo.
From Dr. C.H.F. Peters.

1864, Sept. 8. Obs.

Expériences Chronoscopiques sur la Vitesse des Différentes Sensations et de la transmission nerveuse. Par M. le Dr. Hirsch. 8vo.
From Dr. C.H.F. Peters.

1864. Sept. 8. Obs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften. Philosophisch-philologische Classe. Sitzung vom 2. Januar 1864. Herr Christ hielt einen Vortrag: „Beiträge zur Geschichte der Antikensammlungen in München". Derselbe wurde für die Denkschriften bestimmt. Mathematisch-physikalische Classe. Sitzung vom 9. Januar 1864. 8vo. Page 1-12.
From Dr. C.H.F. Peters.

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Page 47-52.

" "

Page 103-108.

" "

Page 303-312.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Page 329–332

" "

Page 469–470.

1864, Sept. 8. Obs.

Astronomical Notices, No. 1. Ann Arbor, November 25th. 1858. 8vo.
From Dr. C. H. F. Peters. To No. 29 complete as far as published.

1864, Sept. 22. Obs.

De Cischen der Medewerking aan de Antwerpen Graadmeting in Midden-Europa, von het Koningrijk der Nederlanden, Toegelicht door F. Kaiser en L. Cohen Stuart. Amsterdam, C. G. Van Der Post. 1864. 4to.
From the Royal Acad. of Sciences at Amsterdam.

1864, Sept. 24. Book Circulars. G.P.B.

B. Westermann & Co's Literary Bulletin. No. 9. 10. Sept. Oct.

" " No. 6. 7. 8. June - Aug.

Bulletin Mensuel de la Librairie Francaise. No. 8. Aug. 1864.

1864, Sept. 23. G.P.B.

Thoughts on the Influence of Ether in the Solar System, its relations to the Zodiacal Light, Comets, the Seasons, and Periodical Shooting Stars. Read before the American Philosophical Society, and published in their transactions. By Alexander Wilcocks, M.D., Author of an essay on the Tides, the Theory of the two forces. 1855. Also of Reflections upon the Nature of the Temporary Star of the year 1572. An Application of the Nebular Hypothesis. Published in the Journal of the Academy of Natural Sciences of Philadelphia, 1860. Philadelphia: C. Sherman Son & Co., Printers. 1864. 4to.

1864, Sept. 28. G.P.B.

State of New York. No. 197. In Assembly, March 31. 1864.
Report of Dr. Peters on the longitude of Elmira. 8vo.
From Dr. C. H. F. Peters.

" " Obs.

1864. Oct. G.P.B.

Bulletin Mensuel de la Librairie Francaise. Sept. 1864. No. 9.

1864. Oct. 6. G.P.B.

Untersuchung über die Bahn des Planeten (73) „Clytia". von Theodor Oppolzer. Wien. 1864. 8vo.

1864, Oct. 23.

Étoiles Filantes de la période du 10 Aout 1863. Par M. Ad. Quetelet, Secrétaire perpetuel de l'Académie royale de Belgique. 8vo.

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1862phae.proj.270.

1864, Oct. 22.
Notices extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1864, Par le Directeur A. Quetelet.

1864, Oct. 22.
Annales de l'Observatoire Royal de Bruxelles. 4to.

1864, Oct. 22.
Notice sur la Périodicité des Étoiles Filantes du mois de Novembre; Par M. Ad. Quetelet, Secretaire perpétuel de l'Académie royal de Bruxelles. 8vo.

1864, Oct. 22.
Phénomènes Periodiques. 8vo.

1864, Oct. 22.
Statistique et Astronomie. Par M. Ad. Quetelet. 8vo.

1864, Oct. 25.
Den magnetiske Declination i Christiania udledet af Observationer 1842–1862. af H. Mohn, Observator ved Christiania Observatorium. (Saerskilt Aftryk af Videnskr.-Selskab. Forhandlinger for 1863. 8vo.

1864, Oct. 22.
Physique du Globe. 8vo.

1864, Oct. 22.
Sur le cinquième Congrès de Statistique, tenu a Berlin du 4 au 12 Septembre 1863; Par M. Ad. Quetelet, Président de la Commission centrale de Statistique du royaume de Belgique. 8vo.

1864, Oct. 22.
Académie Royale de Belgique. Physique du Globe. 8vo.

1864, Oct. 22.
Académie Royale de Belgique. Sur les Étoiles Filantes et leurs Lieux d'Apparition; par M. Ad. Quetelet, Le Verrier, Heidinger et Poey. 8vo.

1864, Oct. 22. Obs.
Académie Royale de Belgique. Sur le mouvement propre de quelques étoiles; par Ern. Quetelet, correspondant de l'Académie. (Mémoire présenté à l'Académie royale, le 6 juin 1863.) 4to

1864, Oct. 22. Obs.
Observations des Phénomènes Périodiques. 4to.

1864, Oct. 25. Obs.
Ueber das Verhältniss der atmosphärischen Luft zu dem in derselben befindlichen Wasserdampfe. Von Professor Lamont. 4to.

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1862phae.proj..270.

1864. Oct. 25. Obs.

Meteorologische Beobachtungen an der K. K. Sternwarte in Wien, von 1775 bis 1855. Auf öffentliche K Kosten herausgegeben von Carl von Littrow, Director, und Edmund Weiss, Adjunct der K. K. Sternwarte. Vierter Band. (1823–1838.) Wien, 1863. Druck und Papier von Leopold Sommer. In commission bei J. B. Wallishausser. 8vo.

1864. Oct. 25. G. P. B.

Publications de l'Observatoire d'Athènes 1re Série, Tome I.
Astronomische Beobachtungen über Cometen von J. F. Julius Schmidt, Director der Sternwarte zu Athen. Mit 18 Lithographirten Tafeln und 1 Holzschnitt. Athen 1863. Hyarl Wilberg. 4to.

1864. Oct. 25. Obs.

Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. 4to.

1864. Oct. 25. Obs.

Annalen der K. K. Sternwarte in Wien. Nach dem Befehle Seiner K. K. apost. Majestät. auf öffentliche Kosten herausgegeben von Carl von Littrow, Dritter Folge Zwölfter Band. Jahrgang 1862. Wien, 1863. Gedruckt bei Leopold Sommer. In Commission bei J. B. Wallishauser. 8vo.

1864. Oct. 25. Obs.

Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont, XIII. Band. (Der vollständigen Sammlung XXVIII. Band) München. Druck der K. B. Hübschmann'schen Buchdruckerei (E. Leitner) 1864. 8vo.
From the Royal Observatory of Munich.

1864. Oct.

1864. Nov. 6. Obs.

Proceedings of the American Philosophical Society. Vol. VII. January – June, 1859. No. 61. 8vo.
From Col. J. D. Graham. U. S. Eng.

1864. Nov. 7. G. P. B.

(413) XII. On the Spectra of some of the Fixed Stars. By William Huggins, F. R. A. S., and W. A. Miller, M. D., Ll. D., Treas. & V. P. R. S., Professor of Chemistry, King's College, London. Received April 26, – Read May 26, 1864. 4to.
From the Author.

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1862phae.proj..270.

1864. Nov. 8. G.P.13.

(37th. Congress, 3d Session.) Senate. Report of the Superintendent of the Coast Survey, showing the progress of the survey during the year 1862. Washington. Government Printing Office. 1864. 4to.
From Prof. A. D. Bache.

1864. Nov. 14. G.P.13.

Report of the Thirty-third Meeting of the British Association for the Advancement of Science; Held at Newcastle-upon-Tyne in August and September 1863. London: John Murray, Albemarle St. 1864. 8vo.
Presented by the British Association for the Advancement of Science.

1864. Nov. 14. Obs.

Smithsonian Contributions to Knowledge. 180. On the Construction of a Glass Telescope, Fifteen and a half inches in Aperture, and its uses in Celestial Photography. By Henry Draper, M.D., Professor of Natural Science in the University of New York. January 1864. 4to.
From Dr. Draper.

1864. Nov. 9. G.P.13.

On the construction of Hooped Cannon; Being a sequel to a Memoir "on the practicability of constructing cannon of great caliber, etc." Published in the Memoirs of the American Academy, in the year 1856. By Daniel Treadwell, late Rumford Professor in Harvard College. 1864. Boston, Little, Brown & Co. 1864. 8vo.

1864. May 20. Obs.

Report of the Committee of the Overseers of Harvard College, appointed to visit the Library for the year 1863; together with the accompanying documents. Submitted January 28, 1864. Boston: Press of Geo. C. Rand & Avery, 3 Cornhill. 1864. 8vo.

1864. Nov. 26. G.P.13.

Oct. 1864. No. 10. Bulletin Mensuel de La Libraire Française, publié par Charles Reinwald, Libraire-Commissionnaire, 15 Rue des Saints-Pères, à Paris. 8vo.

1864. Nov. 26. Obs.

The Nautical Almanac and Astronomical Ephemeris for the year 1866. Published by order of the Lords Commissioners of the Admiralty. London: printed by G. E. Eyre and W. Spottiswoode, Her Majesty's printers; and sold by John Murray, Albemarle Street. 1863. Price 2s. 6d. 8vo.
Bought of Sever & Francis.

1864. Nov. 30. Obs.

Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. II. Band. (Der vollständigen Sammlung XVII. Band.) Mit astronomischen Kalender für 1850. München. Druck von Franz Seraph Hübschmann. 1849. 8vo.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. Nov. 30, Obs.

Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. IX. Band. (Der vollständigen Sammlung XXIV. Band.) München 1859. Druck von Franz Seraph Hübschmann. 8vo.

1864. Nov. 30. Obs.

Magnetische Ortsbestimmungen ausgeführt an verschiedenen Punkten des Königreichs Bayern und an einigen auswärtigen Stationen. Von Dr. J. Lamont. II. Theil, nähere Bestimmungen über den Verlauf der magnetischen Curven enthaltend. Mit 26 lithographirten Tafeln. München 1856. Druck von Franz Seraph Hübschmann. 8vo.

1864. Nov. 30, Obs.

Meteorologische Beobachtungen aufgezeichnet an der Königlichen Sternwarte bei München in den Jahren 1825–1839. von Johann von Soldner und Dr. Johann Lamont. II. Supplementband zu den Annalen der Münchener Sternwarte. München. Druck von Franz Seraph Hübschmann. 1859. 8vo.

1864. Nov. 30. Obs.

Beobachtungen des Meteorologischen Observatoriums auf dem Hohenpeissenberg von 1792–1850, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. I. Supplementband zu den Annalen der Münchener Sternwarte. München. Druck von Franz Seraph Hübschmann. 1851. 8vo.

1864. Nov. 30, Obs.

Magnetische Karten von Deutschland und Bayern, nach den neuen Bayerischen und Oesterreichischen Messungen, unter Benützung einiger älteren Bestimmungen, entworfen und herausgegeben von Dr. J. Lamont. München 1854. Druck von Franz Seraph Hübschmann. 24 to.

1864. Dec. 3, G.P.B.

II. Beobachtungen über die Dämmerung: von Wilhelm von Bezold. 8vo.

1864. Dec. 5, G.P.B.

Supplement to the Nautical Almanac, for the year 1868. 8vo.

1864. Dec. 9. Obs.

Abstracts of Meteorological Observations made at the Magnetical Observatory, Toronto, Canada West, during the years 1854 to 1859, inclusive. Toronto: Printed by Lovell and Gibson, Yonge Street, 1864. 4to.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. Dec. 9. Obs.

Results of Meteorological Observations made at the Magnetical Observatory, Toronto, Canada West, during the years 1860, 1861, & 1862. Toronto: Printed by W. C. Chewett & Co., 17 & 19 King Street East. 1864. 4to.

1864. Dec. 9. Obs.

Verhandelingen der Koninklijke Akademie van Wetenschappen. Amsterdam. C. G. Van der Post. 1859. 1858. 1857. 1856. 1855. 1854. 4to.

1864. Dec. 9. Obs.

Verhandelingen der Koninklijke Akademie van Wetenschappen. Amsterdam. C. G. Vanderpost. 1858. (Vierde Deel).

1864. Dec. 9. Obs.

Riassunti Delle Osservazioni Meteorologiche Eseguite Nella R. Specola Astronomica Di Milano Negli Anni 1848 Al 1859 Inclusive Calcolati Dall'Ab. Capelli Giovanni. Milano Dalla Tipografia Di Giuseppe Bernardoni 1861. 4to.

1864. Dec. 9. Obs.

Extrait des Mémoires de la Société de Physique et D'Histoire Naturelle de Genève Tome XVII. Détermination Télégraphique de la Différence de Longitude entre les Observatoires de Genève et de Neuchatel. 4to.

1864. Nov. 30. Obs.

Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. I. Band. III Band. X Band. XIII. Band. 8vo.

1864. Nov. 30. Obs.

Magnetische Ortsbestimmungen ausgeführt an verschiedenen Puncten des Königreichs Bayern und an einigen auswärtigen Stationen. Von Dr. J. Lamont. 1. Theil, enthaltend die allgemeinen Grundlagen zur Bestimmung des Laufes der magnetischen Linien in Bayern. Mit 18 lithographirten Tafeln. München 1854. Druck von Franz Seraph Hübschmann. 8vo.

1864. Nov. 30. Obs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München. 1863. II. Heft II. 1863. II. Heft III. 1863. II. Heft IV. 8vo.

1864. Nov. 30. Obs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München. 1864. I. Heft I. 1864. I. Heft II. 1864. I. Heft III. 8vo.

1864. Nov. 30.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. Dec. 9. Obs.

Effemeridi Astronomiche di Milano per l'Anno 1862 calcolate Giovanni Capelli, Cursio Buzzetti ed Ernesto Sergent, Astronomi aggiunti al R. Observatorio di Brera. Con Appendice. Milano 1861. Dalla Regia Stamperia. Presso G. Fajini e Co. successori Reinero Corso Vittorio Emanuele, No. 1. 8vo.

1864. Dec. 9. G.P.B.

A General Catalogue of Nebulae and Clusters of Stars, Arranged in Order of Right Ascension and Reduced to the Common Epoch of 1860·0 (With Precessions computed for the Epoch 1880·0). By Sir John F. W. Herschel, Bart., K.H., F.R.S., M.A., D.C.L., F.R.S.E., Hon. M.R.I.A., F.R.A.S., F.G.S., M.C.U.P.S., Member of the Institute of France, and Correspondent or Honorary Member of the Imperial, Royal, and National Academies of Sciences of Amsterdam, &c. &c. &c. From the Philosophical Transactions.—Part I. 1864. London: Printed by Taylor & Francis, Red Lion Court, Fleet St. 1864. 4to.

1864. Dec. 9. Obs.

Ergebnisse der Witterungs-Beobachtungen zu Emden in den Jahren 1862 und 1863, sowie Andeutungen über die Beziehung der Witterung zur Seefahrt, Landwirthschaft, zum Gesundheitszustande u.s.w. Von Dr. M.A.F. Prestel. Kleine Schriften der Naturforschenden Gesellschaft in Emden. XI. Mit 1 lithographirten Tafel. Emden. Druck von Th. Hahn Wittwe. 1864. 4to.

1864. Dec. 9. Obs.

Résumé Météorologique de l'Année 1863 pour Genève et le Grand St. Bernard par E. Plantamour, Professeur. Lu à la Bibliothèque Universelle de Genève, Juin 1864. Genève Imprimerie de Jules-Gme. Fick. 1864. 4to.

1864. Dec. 9. G.P.B.

On Atoms. 8vo.

1864. Dec 9. Obs.

Neunundviersigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1863. Von Dr. H. Nitzger, Secretär. Emden. Druck von D. Th. Woortman. 1864. 8vo.

1864. Dec. 9. G.P.B.

XVI. Bevölkerung in Christiania; von H. Mohn. 8vo.

1864. Nov. 9. G.P.B.

Comparison of Mr. De la Rue's and Padre Secchi's Eclipse Photographs. By Warren De la Rue, F.R.S. 8vo.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. Dec. 9. Obs.

Résumé Météorologique de l'Année 1862 pour Genève et le Grand St-Bernard par E. Plantamour. professeur. Tiré de la Bibliothèque Universelle de Genève Septembre 1863. Genève Imprimerie de Jules-Gme Fick. 1863. 8vo.

1864. Dec. 9. G.P.B.

Refractors-Beobachtungen der K. Universitäts-Sternwarte in Upsala. Vom Februar 1862 bis Januar 1864. Zur Distribution an die Astronomischen Institutionen und Fachmänner. Upsala Edquist & Berglund. 1864. 8vo.

1864. Dec. 9. Obs.

Effemeridi Astronomiche di Milano per l'anno 1863, calcolate da Giovanni Capelli, Cursio Buzzetti ed Ernesto Sergent, Astronomi aggiunti al R. Osservatorio di Brera. con Appendice. Milano 1862. Dalla Regia Stamperia. Presso G. Fajini e C°. successori Mainers Corso Vittorio Emanuele, N°. 1. 8vo.

1864. Dec. 9. Obs.

Exposé de la Théorie des Propriétés, des Formules de Transformation, et des Méthodes d'Évaluation des Intégrales Définies par D. Bierens De Haan. 4to.

1864. Dec. 13. G.P.B.

Proceedings of the American Academy of Arts & Sciences: Pages 237 to 320 inclusive.

1864. " " " Obs.

1864. Dec. 15. G.P.B.

Les Ciel Notions d'Astronomie a l'usage des gens du Monde et de la jeunesse par Amédée Guillemin. Ouvrage illustré de II planches tirées en couleur et de 216 vignettes insérées dans le texte. Paris. Librairie de L. Hachette et Cie Boulevard Saint-Germain, N°77. 1864. Droit de traduction reservé. 4to.

1864. Dec. 17. G.P.B.

Report of the Committee appointed by the British Association on Standards of Electrical Resistance. London: Printed by Taylor and Francis, Red Lion Court, Fleet Street. 1864. 8vo.
From Prof. Maxwell.

1864. Dec. 20. Obs.

Asteroids, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1864. Dec 29. Obs.

Seven-Year Catalogue of 2022 Stars, deduced from Observations, extending from 1854 to 1860, at the Royal Observatory, Greenwich, and reduced to the Epoch 1860. (Forming Appendix I. to the Volume of Greenwich Observations for the year 1862.) 4 to.

1864. Dec. 29. S.P.B.

Memoirs of the Royal Astronomical Society. Vol. XXXII. Being the 2nd to Volume for the Session 1862–1863. London: Published by the Society and sold at their apartments, Somerset House. 1864. 4 to.

1864. Dec. 29. Obs.

Astronomical Observations made at the Royal Observatory, Greenwich, in the year 1862: Under the direction of George Biddell Airy, Esq. M.A., Astronomer Royal. Published by order of the Board of Admiralty, in obedience to Her Majesty's command. (Forming Part I. of the Greenwich Observations, 1862.) London: Printed by George Edward Eyre and William Spottiswoode, Printers to the Queen's most excellent Majesty. For Her Majesty's Stationery Office. 1864. 4 to.

1864. December. Obs.

Jaarboek van de Koninklijke Akademie van Wetenschappen. Gevestigd te Amsterdam. Voor 1862. Amsterdam, C. G. Van Der Post. 8 vo.

1864. July 2. Obs.

The National Almanac and Annual Record for the year 1864. Bought of Sever & Francis $1.50 8 vo.

1865. Jan. 7. Obs.

Memoirs of the Royal Astronomical Society. Vol. XXXII. Being the 2nd to Volume for the Session 1862–1863. London: Published by the Society and sold at their apartments, Somerset House. 1864. 4 to.

1865. Jan. 7. Obs.

Seven-Year Catalogue of 2,022 Stars, deduced from Observations, Extending from 1854 to 1860, at the Royal Observatory, Greenwich, and reduced to the Epoch 1860. (Forming Appendix I. to the Volume of Greenwich Observations for the year 1862.) 4 to.

1865. Jan. 7. Obs.

Results of the Astronomical Observations made at the Royal Observatory, Greenwich, 1862. (Extracted from the Greenwich Observations, 1862) 4 to.

1865. Jan. 7. Obs.

Beobachtungen der Kaiserlichen Universitäts-Sternwarte Dorpat von Dr. J. H. Mädler. Funfzehnter Band; zweite Abtheilung Dorpat. Druck von Schünmanns Wittive H. Mattiesen. 1863. 4 to.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. Jan. 10. Ubs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften zu München. München. Druck von F. Straub (Wittelsbacherplatz 3) 1864. In Commission bei G. Franz. Jahrgang 1864. Band I. 8vo

1865. " Ubs.

Schwäbisch-Augsburgisches Wörterbuch Herausgegeben von Dr. Anton Birlinger. Im Verlag Der K. B. Akademie Der Wissenschaften. München. In Commission bei G. Franz. 1864. 8vo.

1865. Jan. 10. Ubs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften. 8vo.

1865. Jan. 10. G. P. B.

Dr. Wilhelm Olbers Abhandlung über die leichteste und bequemste Methode die Bahn eines Cometen zu berechnen. Nachtrag zu der Zweiten Auflage. Die Fortsetzung und Ergänzung des Verzeichnisses der bisher berechneten Cometenbahnen bis zum Jahre 1864. enthaltend. Von Dr. J. G. Galle, Professor der Astronomie und Director der Sternwarte in Breslau. Leipsig. Voigt & Günther. 1864. 8vo.

1865. January. Ubs.

Berliner Astronomisches Jahrbuch für 1867. Mit Genehmhaltung der Königlichen Akademie der Wissenschaften herausgegeben von der Direction der Berliner Sternwarte, unter Redaction des Herrn Prof. Wolfers. Berlin. Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften. 1864. 8vo.

1865, February 7, Ubs.

Passages from the life of a philosopher. By Charles Babbage, M.A., &c— Commander of the Italian Order of St. Maurice & St. Lazarus, &c. &c. London: Longman, Green, Longman, Roberts, & Green. 1864. 8vo.

1865. Feb. 7. G. P. B.

Ueber eine neue Bestimmung der Polhöhe der Sternwarte in Breslau. Von Director Professor J. G. Galle. 4to.

1865. Feb. 7. G. P. B.

De Perturbationibus Quas Saturnus Per Integram Revolutionem in Palladem Exercit Commentatio Astronomica, Qui Palladis Orbitae Determinatio Nova Superstruitur. Dissertatio Quam Amplissima Philosophorum Ordinis Auctoritate Pro Summis in Philosophia Honoribus Rite Adipiscendis Die XV Mensis Decembris MDCCCLXIV. H. L. Q. C. Publice Defendet Auctor Fridericus Guilelmus Günther, Silesius. Opponentibus; Rich. Sadebeck, Stud. Phil. Aug. Klingen, cand. Phil., Jos. Dobroschke, cand. Phil. Wratislaviae Typis Grassii, Barthii et Socii (W. Friedrich). 4to.

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1862phae.proj..270.

1865. February 7. G.P.B.

Mittheilungen über die Sonnenflecken von Dr. Rudolf Wolf. 8vo.

1865. February 7. Obs.

I. Bericht über das 45. Jahr des Kunst- und Handwerksvereins zu Altenburg, erstattet am Stiftungsfeste den 9. Februar 1863 von seinem Schriftführer. Eduard Lange. 8vo.

1865. February 7. Obs.

Mittheilungen aus dem Osterlande. Gemeinschaftlich herausgegeben vom Kunst- und Handwerks-Vereine und von der naturforschenden Gesellschaft zu Altenburg. Sechzehnter Band. Auf Kosten der beiden Gesellschaften. Altenburg. 1864. Druck der Hofbuchdruckerei. (In commission der Schnuphase'schen Hofbuchhandlung.) 8vo.

1865. February 7. Obs.

Considérations sur la prévision des tempêtes et spécialement sur celles du 1 au 4 Décembre 1863. Par Ferdinand Müller, Assistant à l'Observatoire Physique Central de Russie. Supplément aux Annales de l'Observatoire Physique Central, pour l'année 1861. St.-Pétersbourg. Imprimerie d'Alexandre Jacobson. 1864. 4to.

1865. Feb. 7. Obs.

Compte-Rendu Annuel adressé à S. Exc. M. De Reutern, Ministre des Finances, par le Directeur de l'Observatoire Physique Central, A. T. Kupffer. Année 1861. Supplément aux Annales de l'Observatoire Physique Central, pour l'année 1860. St. Petersbourg. Imprimerie d'Alexandre Jacobson. 1862. 4to.

" " " Année 1862. Obs.

" " " " 1863. Obs.

1865. Feb. 7. Obs.

Astronomical Observations made at the Royal Observatory, Edinburgh. Volume XII. for 1855.–59. 4to.

1865. Feb. 7. G.P.B.

Bestimmung der Längen-Differenz zwischen den Sternwarten zu Berlin und Leipzig auf telegraphischem Wege ausgeführt (im April 1864) von Professor C. Bruhns, Director der Sternwarte zu Leipzig und Professor W. Förster, Ersten Astronomen der Sternwarte zu Berlin. Leipzig. Ernst Julius Günther. 1865. 4to.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. Feb. 7. Obs.

Annales de l'Observatoire Physique Central de Russie. Publiées par ordre de sa Majesté Impériale, sous les auspices de S. Exc. Mr. De Reutern, Ministre des Finances et Chef du Corps des Ingénieurs des mines, par A. T. Kupffer, Directeur de l'Observatoire Physique Central. (Année 1860. Nos. 1 & 2. Correspondance Météorologique pour l'année 1860.) St. Petersbourg. 1863. 4to.

1865. Feb. 7. Obs.

Annales de l'Observatoire Physique Central de Russie, publiées par ordre de de sa Majesté Impériale, sous les auspices de S. Exc. Mr. De Reutern, Ministre des Finances et Chef du corps des Ingénieurs des mines, par A. T. Kupffer, Directeur de l'Observatoire Physique central. Année 1861. Nos. 1 & 2. Correspondance Météorologique pour l'année 1862. St. Petersbourg. 1864. 4to.

1865. Feb. 10. G.P.B.

Spherical Astronomy by F. Brünnow, Ph. Dr. Translated by the Author from the second German edition. Berlin: Fred. Dümmler (Harwitz & Gossmann.) 1865. 8vo.

1865. Feb. 18. G.P.B.

Kaiserliche Akademie der Wissenschaften in Wien. Jahrg. 1865. Nr. III. 8vo.

1865. Feb. 25. Obs.

Sitzungsberichte der Königl. bayer. Akademie der Wissenschaften. From page 91 to 180 inclusive. 8vo.

1865. Feb. 27. Obs.

The American Ephemeris and Nautical Almanac, for the year 1866. Published by authority of the Secretary of the Navy. Bureau of Navigation, Washington. 1864. 4to.

1865. February. G.P.B.

Senate. Report of the Superintendent of the Coast Survey, showing the progress of the Survey during the year 1862. Washington: Government Printing Office. 1864. 4to.

1865. March 1. G.P.B.

On the Nebular Hypothesis. By David Trowbridge, A.M. (From the Am. Journal of Science and Arts, Vol. XXXVIII, Nov., 1864.) 8vo. From D. Trowbridge.

1865. March 6. Obs.

City Document. — No. 20. City of Boston. Report of the Cochituate Water Board to the City Council of Boston, for the year 1864. 8vo.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. March 6. Obs.

The Nautical Almanac and Astronomical Ephemeris for the year 1868. Published by order of the Lords Commissioners of the Admiralty. London: Printed by G. E. Eyre & W. Spottiswoode, Her Majesty's printers; and sold by John Murray, Albemarle St., 1864. Price 2s + 6d. 8vo.
Bought of Sever & Francis.

1865. March 11. G.P.B.

Sidereal Chromatics; being a reprint, with additions, from the "Bedford Cycle of Celestial Objects," and its "Hartwell Continuation," on the colours of Multiple Stars. By Admiral W. H. Smyth, M. S. A., D. C. L. etc. London: Printed for private circulation by John Bowyer Nichols and Sons, Parliament Street. M.DCCC.LXIV. 8vo.
From Admiral Smyth & Dr Lee Hartwell.

1865. March 11. Obs.

Mémoires de la Société Impériale des Sciences Naturelles de Cherbourg, Publiés sous la direction de M. le Dr Auguste le Jolis, Archiviste-Perpétuel de la Société. Tome X. Paris, J. B. Baillière et Fils, Libraires, Rue Hautefeuille, 19. Cherbourg, Bedelfontaine et Syffert, Impr., Rue Napoléon, 1. 1864. 8vo.

1865. March 11. Obs.

Results of the Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, 1862. (Extracted from the Greenwich Observations, 1862.) 4to.
From the Royal Society.

1865. March 11. Obs.

Recherches sur la Quantité d'Ether contenue dans les Liquides, par M. Hoek et A. C. Oudemans, de l'Université d'Utrecht. Addition a la premiere livraison des Recherches Astronomiques de l'Observatoire d'Utrecht. La Haye, Martinus Nijhoff. 1864. 4to.

1865. March 11. Obs.

Recherches Astronomiques de l'Observatoire d'Utrecht, publiées par M. Hoek, Directeur de l'Observatoire et Professeur a l'Université d'Utrecht. Deuxième livraison. Perturbations de Proserpine, Dépendantes de la Première Puissance de la Masse Perturbatrice de Jupiter. La Haye, Martinus Nijhoff. 1864. 4to.

1865. March 11. Obs.

Astronomical Observations made at the Observatory of Cambridge, by the Rev. James Challis, M.A., F.R.S., F.R.A.S., Plumian Professor of Astronomy and Experimental Philosophy in the University of Cambridge, and late Fellow of Trinity College. Vol. XX. For the years 1855, 1856, 1857, 1858, 1859, and 1860. Cambridge: Printed by C. J. Clay, M.A., at the University Press. Sold by Rivingtons, Cambridge Warehouse, 32 Paternoster Row, and 3 Waterloo Place, London, and by Deighton, Bell, and Co. Cambridge. 1864. 4to.

Presented by order of the Syndicate of the Cambridge Observatory.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. March 30, Obs.
Bulletin Meteorologico del Reale Observatorio di Palermo. No. 1.

1865. March 30, Obs.
#a Meteorologische Beobachtungen. Aufgezeichnet auf Christiania's Observatorium. III & IV Lieferung. 1848–1855. (Pag. 281 bis Pag. 488.) Christiania. Gedruckt bei H. J. Jensen. 1864. 8vo.

1865. March 30, Obs.
b Magnetischer Atlas, gehörig zum Magnetismus der Erde von Chr. Hansteen, Professor. Christiania. 1819.

1865. March 30, Obs.
Donations to the Bodleian Library during the year ending Nov. 8, 1864. Oxford, at the ~~Cambridge~~ University Press. 8vo.

1865. March 30, Obs.
c Untersuchungen über den Magnetismus der Erde, von Christopher Hansteen, Professor der Angewandten Mathematik an der Norwegischen Universität. Übersetzt von P. Treschow Hanson, Königl. Norw. Departements-Vollmächtigten und Landcadetten-Lehrer. Erster Theil. Die mechanischen Erscheinungen des Magneten. mit 5 Kupfertafeln und einem Atlasse von 7 Karten. Christiania, Gedruckt bey Jacob Lehmann und Chr. Gröndahl. 1819. Wird verkauft Kopenhagen in der Gyldendalschen Buchhandlung, Christiania beym Verfasser. 4to.

1865. March 30, G.P.B.
Meteorologische Beobachtungen. Aufgezeichnet auf Christiania's Observatorium. III & IV Lieferung. 1848–1855. (Pag. 281 bis Pag. 488.) Christiania. Gedruckt bei H. J. Jensen. 1864. 8vo.

1865. April 3, Obs.
Address, on the Presentation of the Gold Medal of the Royal Astronomical Society, to Professor G. P. Bond, Director of the Observatory of Harvard College, Cambridge, U. S. By the President, Warren De La Rue, Ph. D., F. R. S., &c &c.
London: February 1865. 8vo.
From Warren De La Rue.

1865. April 14, Obs.
Annales de l'Observatoire Impérial de Paris, Publiées par
a U.-J. Le Verrier, Directeur de l'Observatoire. Mémoires. Tome VII. Paris, Mallet-Bachelier, Imprimeur-Libraire de l'Observatoire Impérial de Paris, Quai des Grands-Augustins, 55. 1863. 4to.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1865. April 14. Obs.

b. Annales de l'Observatoire de Paris, Publiées par U. J. Le Verrier, Directeur de l'Observatoire. Observations. Tome VI 1845-1846. Paris, Mallet-Bachelier, Imprimeur-Libraire de l'Observatoire Impérial de Paris, Quai des Grands Augustins, 55. 1863. 4to.

1865. April 14. Obs.

c. " " Tomes VII & VIII. XVIII XIX.

1865. April 14. G.P.B.

Stjernefortegnelse indeholdende 10000 Positioner af teleskopiske Fixstjerner imellem — 15 og + 15 Graders Deklination. Udledet af egne Observationer, anstillede med Kjøbenhavns Meridiankreds i Aarene 1861, 1862 og 1863 samt reducerede til Begyndelsen af 1865, af H. C. F. C. Schjellerup. Udgivet paa det Kongelige Danske Videnskabernes Selskabs Bekostning. Med En Kobbertavle. Kjøbenhavn. Bianco Lunos Bogtrykkeri ved F. Bl. Muhle. 1864. 4to.

1865. April 8. Obs.

b. Bulletino Meteorologico. No. 2. Febbraro 1865. 4to.

1865. April 30. Obs.

#. Monthly Absolute Values of the Magnetic Elements at Toronto, from 1856 to 1864, Inclusive! 8vo.

1865. May. Obs.

c Bulletino Meteorologico. Marzo 1865. No. 3. 4to.

1865. May 20. Obs.

The Nautical Almanac and Astronomical Ephemeris, for the year 1865. Published by order of the Lords Commissioners of the Admiralty. London: Printed by G. E. Eyre & W. Spottiswoode, Her Majesty's Printers: And sold by John Murray, Albemarle Street. 1861. Price 2 shillings 6 sixpence. 8vo.
Bought of Lever & Francis. $1.50

1865. May 26. G.P.B.

Aperçu de la Physique céleste, servant d'Introduction au Grand Ouvrage. Par Pierre Béron. Paris, Gauthier-Villars, Imprimeur-Libraire du Bureau des Longitudes, de l'École Impériale Polytechnique, Successeur de Mallet-Bachelier, Quai des Augustins, 55. 1865. 8vo.

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1862phae.proj..270.

1865. June 19. Obs.
#
Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. 4to.

1865. June 12. Obs.
#
Proceedings of the American Academy of Arts & Sciences. From page 341 to 364, Inclusive. 8vo.

1865. June 12. Obs
d
Bulletino Meteorologico. No. 4. 4to.

1865. July 13. Obs.
#
Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont. XIV Band. (Der vollständigen Sammlung XIX. Band.) München. Druck der J. G. Hübschmann'schen Buchdruckerei (E. Lintner.) 1865. 8vo.

1865. July 20.
#
Astronomical & Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1862. Under the superintendence of the Rev. Robert Main, M.A., Radcliffe Observer. Vol. XXII. Published by order of the Radcliffe Trustees. Oxford, J. H. & J. Parker. 1865. 8vo. (Obs.

July 20. " " G. P. B.

1865 July 20. Obs.
#a
Mélanges Mathématiques et Astronomiques, tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome III.
13/25 November 1863. Über den vielfachen Schnitt des grossen Komiten von 1744, von A. Winnecke. 8vo.

1865. July 20. Obs.
b
Mélanges Mathématiques et Astronomiques, tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome III.
27 November/December 1863. Über das von Herrn W. Lassell in Malta aufgestellte Spiegeltelescop, von O. Struve. 8vo

1865. July 20. Obs.
#
Annalen der Königlichen Sternwarte bei München, auf öffentliche Kosten herausgegeben von Dr. J. Lamont, XIV. Band. (Der vollständigen Sammlung XIX. Band.) München. Druck der J. G. Hübschmann'schen Buchdruckerei (E. Lintner). 1865. 8vo.
See above
Presented to the Observatory of Boston, by the Royal Observatory of Munich.

1865. July 20. Obs.
c
Bulletino Meteorologico del Reale Observatorio di Palermo. No. 5. Maggio 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. July 20. G.P.B.

(227) VI. A Comparison of the most notable Disturbances of the Magnetic Declination in 1858 and 1859 at Kew and at Nertschinsk; preceded by a brief Retrospective View of the Progress of the Investigation into the Laws and Causes of the Magnetic Disturbances. By Major-General Edward Sabine, R.A., President of the Royal Society. Received April 28, — Read May 26, 1864. 4to.
From Maj.-Gen. Edw. Sabine.

1865. July 20. G.P.B.

(649). Results of hourly Observations of the Magnetic Declination made by Sir Francis Leopold Mc Clintock, and the Officers of the Yacht "Fox", at Port Kennedy, in the Arctic Sea, in the Winter of 1858-59; and a Comparison of these Results with those obtained by Captain Rochfort Maguire, and the Officers of Her Majesty's Ship "Plover", in 1852, 1853 and 1854, at Point Barrow. By Major-General Edward Sabine, R.A., President of the Royal Society. Received December 21, 1863, - Read January 7, 1864. 4to.
From Maj. Gen. Edw. Sabine.

1865. July 20. Obs.

Das Durchgangsinstrument im Verticale des Polarsterns. Eine Festschrift. 4to.

July 20. G.P.B.

" "

1865. July 20. Obs.

Nuovi Elementi solari osservate al grande Rifrattore del R. Osservatorio di Palermo. Extract from Bullettino meteorologico.

1865. July 23. Obs.

Logarithmic Tables of Numbers and Trigonometrical Functions, by Baron Von Vega. Translated from the Fortieth or Dr. Bremiker's Thoroughly revised and enlarged edition, by W. L. F. Fischer, M.A., F.R.S.. Stereotyped. — 45. Edition Berlin: Weidmannic. 1861. Williams & Norgate. 14 Henrietta St. Covent Garden, London & 20 S. Frederick St. Edinburgh. Bernh. Westermann & Co. German Booksellers & Importers, 2140 Broadway. New York. 8 vo.
Bought of Sever & Francis. $4.00

1865. July 23. Obs.

Elemente der ebenen, sphärischen und sphäroidischen Trigonometrie in analytischer Darstellung mit Anwendungen auf Geodäsie und Astronomie zum Gebrauche bei Vorlesungen von Johann August Grunert. Mit drei Figurentafeln. Leipzig. 1837. Bei C.H. Schnuckert. 8vo.
Bought of Sever & Francis $ 5.00

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1865. Aug. 5. Obs.

Description of an ~~Automatic~~ Registering and Printing Barometer. By S. W. Keough, A. M., Director of the Dudley Observatory. Albany: J. Munsell, 78 State St. 1865. 8 vo. pamphlet.

1865. Aug. 17. Obs.

Connaissance des Temps ou des Mouvements Célestes, A l'usage des Astronomes et des Navigateurs, pour l'an 1865. Publiée par le Bureau des Longitudes. Paris, Mallet-Bachelier, Imprimeur-Libraire du Bureau des Longitudes, de l'Ecole Impériale Polytechnique. Quai des Augustins, 55. Septembre, 1863. 8 vo.

1865 Sept. 22d

Über den Gang der Pulkowaer Normaluhr, von A. Wagner.

1865 Eno date

Engraving and description of the Seismometer chas. Rambedt. Helsingfors d. 15 Mard. 1865.

1865 Aug. 28.

The Review. Philadelphia Aug. 19. 1865

1865 Aug. 31.

Annual of the National Academy of Sciences for 1863-1864.
Cambridge (Mass) 1865.

1865 Sept. 15.

Bullettino Meteorologico. Nos 6 & 7 4to.

1865 Sept. 22.

Mélanges Mathématiques et Astronomiques tirés du Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg. Tome II.
$\frac{26 \text{ Février}}{9 \text{ mars}}$. 1864. Observations du Satellite de Sirius, par O. Struve.
$\frac{1}{13}$ Avril. 1864. Observations de quelques nébuleuses, par O. Struve.
$\frac{1}{13}$ Avril 1864. Neue Berechnung der Sirius parallaxe aus den am Cap der guten Hoffnung angestellten Beobachtungen. Von H. Glyden.

1865 Sept. 22.

Jahresbericht am 17 Mai 1864 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt.)
St. Petersburg. 1864 8 vo.

1865 Sept. 22

Mémoires de l'Académie Impériale des Sciences de

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

St Petersbourg VIIe Série. Tome VII, No 7.
Poulkowaer Beobachtungen des Hellen Cometen von 1862.
nebst einigen Bemerkungen von Dr. A. Winnecke. (mit
6 Tafeln) Der Akademie vorgelegt am 19 juni 1863.
St. Petersburg. 1864.

Tome VII No 2.
Vier von de l'Isle beobachtete Plejaden-Bedeckungen,
bearbeitet und mit Hansen's Mond-Tafeln verglichen von
Carl Sinsser. St. Petersburg. 1864

1865 Sept. 22.
Essays on:
The Invasion of Britain by Julius Caesar;
The Invasion of Britain by Plautius, and by Aladius Caesar;
The early Military Policy of the Romans in Britain;
The Battle of Hastings.
With Correspondence. By George Biddell Airy Esqr.,
Astronomer Royal.
Collected and Printed for private Distribution.
London. 1865 4to. Presented by G. B. Airy. —

1865 Sept. 24
Sitzungsberichte der Königl. bayer. Akademie der
Wissenschaften zu München. 1865 I. Heft I. II.

1865 Sept. 27.
Preisschriften gekrönt und herausgegeben von
der Fürstlich Jablonowski'schen Gesellschaft zu Leipzig.
III. J. Zech, Astronomische Untersuchungen über die
Mond-finsternisse des Almagest. Leipzig. 1857.
Bot. B. 50

1865 Sept. 29.
Elemente und Ephemeride des Faye'schen Cometen
von Prof. Axel Möller in Lund.
Presented to the Observatory of Harvard College
by Axel Möller. 4to.

1865 Oct 14
Bowditch's Useful Tables. 1863. Fourth Edition.
2 Copies

1865
Bulletino Meteorologico - Agosto. 1865 No 8.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj.270.

1865

Funfzigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1864.
Von Hermann Meier Sekretär.

1865 Oct. 28.

Sitzungsberichte der königl. bayer. Akademie der Wissenschaften zu München. 1865 I. Heft. III.

1865 Oct. 28.

Do. Do. Jahrgang 1865. Band I.

1865 Oct. 28.

Reduction af Maskelynes Iagttagelser af Smaa Stjerner, anstillede i Aarene fra 1765 til 1787. udført efter originalobservationerne og middelpladserne henførte til Begyndelsen af aaret 1770.
Prüstelpunct afhandling ved Severin Hertzsprung. 4to – 1865.

1865 Oct. 28.

Anuario del Real Observatorio de Madrid.
Sexto Año – 1865.
Madrid. Imprenta Nacional 1864.

1865 Nov. 11.

Bulletino Meteorologico
Settembre 1865. N° 9.

1866. Jan. 1.

Connaissance des Temps pour l'An 1866. 1866
Février 1863 — Août 1864.

1866 Jan. 2.
Reg. Norweg. Universität

Meteorologiske Iagttagelser paa Christiana Observatorium. 1864. (~~2 Copies~~)

1866. Jan 2.
Reg. Norweg. Universität

Meteorologische Beobachtungen an der Königlichen Universitäts Sternwarte zu Christiania
(~~2 Copies~~) I vol. Last No. 1837–1863.

1866 Jan 2.

Nuove Tavole dei moti apparenti del Sole pel Meridiano di Milano. Francesco Carlini
Milano 1833.

1866 Jan. 2.

Effemeridi Celesti per l'Anno Bissestile 1864. Calcolate al Meridiano di Milano. 1863.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1866 Jan. 2.

Intorno ad una singolare apparenza osservata nel Globo di Saturno. Memoria di G. V. Schiaparelli direttore del R. Osservatorio di Brera

Estratta dagli Atti del Reale Instituto lombardo di scienze, lettere ed arte.

Tip. Bernardoni.

Milano. 1863.

1866 Jan. 2.

Teorema relativo al moto di tre corpi che si attraggono vicendevolmente nello spazio. Nota del Prof. Cor. G. V. Schiaparelli membro effettivo del R. Instituto Lombardo di Scienze e Lettere. 1864.

1866 Jan. 2.

Effemeridi Astronomiche di Milano per l'anno 1865. Calcolate da Giovanni Capelli ed Ernesto Sergent, astronomi aggiunti al R. Osservatorio di Brera. con Appendice I. Milano. 1864.

1866 Jan. 2.

Annales de l'Observatoire Physique Central de Russie publiées par l'ordre de sa Majesté Impériale sous les auspices de S. Exc. M^r. de Reutern dirigeant le Ministère des Finances et chef du corps des Ingénieurs des Mines par A. T. Kupffer Directeur de l'Observatoire Physique Central. 1862. Presenté par l'administration des Mines de Russie. St Petersbourg 1865. 4to.

1866 Jan. 2.

Correspondance Météorologique. Publication annuelle de l'Administration des Mines de Russie rédigée par A. T. Kupffer. 1863. Presenté par l'administration des Mines de Russie. St Petersbourg 1865. 4to.

1866 Jan. 2.

A Catalogue of 7385 Stars chiefly in the Southern Hemisphere prepared from observations made in the years 1822, 1823, 1824, 1825 and 1826. at the Observatory at Paramatta, New South Wales founded by Lieut. Gen. Sir Thos. Makdougall Brisbane K.C.B. F.R.S. Pres. Royal Soc. of Edinburgh. The computations made and the Catalogue constructed by Mr William Richardson. of the Royal Observatory at Greenwich. Printed by order of the Lords Commissioners of the Admiralty. 1835.

4to.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1866 Jan. 2.

Astronomical Observations made at the Royal Observatory, Cape of Good Hope in the year 1834. under the direction of Thomas Maclear Esq. F.R.S. R.A.S. &c Her Majesty's Astronomer. Published by order of the Lords Commissioners of the Admiralty. 1840. 4to

Cape of Good Hope. Heeregracht. C. Town.

1866 Jan. 2

Astronomical and Magnetical and Meteorological Observations made at the Royal Observatory Greenwich in the year 1863. Under the direction of George Biddell Airy Esq. M.A. Astronomer Royal. 4to 1865

1866 Jan. 2

Memoirs of the Royal Astronomical Society. Vol. XXXIII. 1863-64 4to

1866 Jan 10

Compte rendu provisoire de quelques observations qui prouvent que le Podisoma Sabina, qui croît sur les branches des juniperus Sabina et le Roestelia cancellata, qui attaquent les feuilles des poiriers, sont les generations alternantes de la même espèce de Champignons.

Copenhague 10 Juin 1865. H.C. Osted.

3 Copies (Ownership unknown).

1866 Jan. 11.

Résumé Meteorologique de l'année 1864 pour Genève et le Grand St Bernard par E Plantamour Tirés de la Bibliothèque universelle de Genève Août. 1865. 8to

1866 Jan 11.

Recherches sur la distribution de la Temperature à la surface de la Suisse pendant l'hiver 1863-64 par E Plantamour Professeur. Memoir lu à la Société Helvétique des Sciences naturelles dans sa séance a Lucerne le 23 Août 1864 8to.

1866 Jan 11

Mémoires de la Société de Physique et d'Histoire naturelle de Genève. Tome XVIII. Première Partie 4to. 1865

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1866 Jan. 11

Observations made at the Magnetical and Meteorological Observatory at Trinity College Dublin. under the direction of the Rev. Humphrey Lloyd DD. D.C.L. &c.
Vol I. 1840-1843 4to. 1865.
Presented by the Provost and Senior Fellows of Trinity College to the Harvard Observatory Cambridge U.S.
July 1865.

1866 Jan. 14.

Sitzungsberichte der Konigl. bayer. Akademie der Wissenschaften zu München.
June. July. 1865 II Heft I. II. 8to. — 2 —
(Not yet acknowledged 1145)

1866 Jan. 16

Bollettino Meteorologico del Reale Osservatorio di Palermo. N° 10. Octobre 1865.
[Not yet acknowledged 1145] 8to.

1866 Jan.y 17

Vestä Planeta Minores XLVI^ti. Elementa nova deduxit Franciscus Michaël Karlinski
Cracoviae. 1865 4to

1866 Jan. 24.

Astronomical Observations taken during the years 1862-64 at the private Observatory of Joseph Gurney Barclay Esqr. F.R.A.S. Leyton. Essex.
4to 1865.

1866 Jan. 26.

Mittlere Rectascensionen der auf den Chronometerexpeditionen 1855 und 1857 beobachteten Sterne, für den Anfang des Jahres 1856. von A. Wagner. 10/22 December 1858. 8vo
From the Author

1866 Feb. 15

Bollettino Meteorologico &c &c. November 1865. N.° 11

1866 Feb. 20th

Annual Meteorological Synopsis for the year 1865. Observations taken 3 times a day. J.H. Trembly. M.D. Toledo. O.

1866. March 28 "Le Grand Soleil visible au centre du Système du monde." Par Pierre Béron Paris. 1866.

1866. March. 28 "Taches Solaires et périodicité de leur nombre."
Par Pierre Béron Paris. 1866.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1866. March. 28
Bulletin International de l'observatoire imperial de Paris. March. 1866. March 1st to 9th including supplement. Mich. Swanton

1866 March. 28th The Canadian Journal of Industry Science and Art. New Series No. 71. Jan.y 1866. Toronto.

1866 March. 28th Astronomische Nachrichten. No. 1572-1574.

1866. March. 28th Berliner Astronomisches Jahrbuch für 1868 Berlin 1866.

1866. April. 9th Histoire des Sciences Mathématiques et Physiques chez les Belges. Par Ad. Quetelet Directeur de l'Observatoire Royal de. Bruxelles.- 8vo.

1866 April. 9th Notices extraites de l'Observatoire Royal de Bruxelles pour 1865. par le Directeur A. Quetelet 16mo.

1866 Academie Royale de. Belgique. (extrait du Tome. 35 des Memoires. Observations des Phénomènes Périodiques des Plantes et des Animaux. pendant les années 1861 et 1862. (4to.)

1866 April. 9th Reise der Österreichischen Fregatte Novara um die erde in den jahren 1857, 1858, 1859. Nautisch-Physicalischer Theil. III. (Letzte) Abtheilung Meteorologisches Tagebuch. 4to. (Also Map 1 sheet)

1866. Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Zevenstiende deel. 8vo.

1866 April 9th Jaarboek van de Koninklijke Akademie van. Wetenschappen. Gevestigd te Amsterdam voor 1863. 8vo.

1866 April. 9th (Same work for. 1864.) Jaarboek etc 8.vo.

1866. April. 9. Researches on Solar Physics. First Series On the nature of Sun Spots (Warren de la Rue et al.) 4to. 1865 London.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1866 April. 9th Observations de l'inclination Magnétique faites pendant les années 1855 a 1864 a l'Observatoire de Christiana. 8vo (pamplet.)

1866 April. 9th Sur les époques comparées de la feuillaison et de la floraison a Bruxelles, a Stettin et a Vienne (8vo pamphlet.)

1866 April. 9th Observatoire de Bruxelles. Étoiles filantes, et extrêmes de température. par M. Ad. Quetelet. (8vo. pamphlet)

1866 May 8th Sitzungsberichte der königl. bayer Akademie der Wissenschaften zu München. 1865. 2. Heft. III Heft. IV Pamphlets. (8vo).

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Vol. 1. 8vo pamphlet.

June 26th Report of a committee appointed,
to consider certain questions relating to
the meteorological Department of the
Board of Trade. — 4to Pamphlet.

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1866 Sept 30 Memoirs of Connecticut Academy of Sciences
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Oct 20 Sitzungsberichte der konigl. bayer. Akademie der Wissenschaften zu Munchen. 1866 I Heft III

Verzeichniss von 9412 Aequatorial-Sternen z.
v Supplementband zu Annalen der Muncener Sternwarte

Nov 9 Observaciones Meteorologicas Hechas en el Observatorio Astronomico de Santiago durante el ano de 1865
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William John Macquorn Rankine (Sever & Francis)

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Calcul des Ronages par approximation
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Verification and Extension of La Caille's Arc of Meridian at the Cape of Good Hope by Sir Thomas Maclear
in two volumes - Vol I & II Published by Order of the Lords Commissioners of the Admiralty 1866

Astronomical and Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich in the Year 1864 under the direction of George Biddell Airy. Esq. M. A. Astronomer Royal; published by order of the Board of Admiralty in Obedience to her Majesty's Command - 1866
2 copies

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Reduction of the Greenwich Planetary Observations 1831 to 1835.
(Forming Appendix II to the Greenwich Observations 1864

Nov. 24

Memoirs of the Royal Astronomical Society vol. XXX IV Being the quarto volume for the Session 1864 - 1865. with three Plates London: 1866

Nov. 24

Observations of Donati's Comet made at the Royal Observatory, Cape of Good Hope between October 11th 1858, and March 4th. 1859 by Sir Thomas Maclear Director of the Royal Observatory, Cape of Good Hope
R. A. S. vol XXIX

Nov 24

Right Ascensions and North Polar distances of Comet I 1865 derived from observations made with the 8½ feet Equatorial by Sir Thomas Maclear Director of the Royal Observatory, Cape of Good Hope.
(Extracted from the Memoirs of the Royal Astronomical Society vol XXX IV

Nov. 24.

Mean Right Ascensions and North Polar Distances of Stars compared with Comet I 1864 at the Royal Observatory, Cape of Good Hope, derived from observations made with the Transit Circle by W Mann Esq first assistant
Ext. proc. Mem. Royal Ast Soc. vol XXX IV

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Geocentric North Polar Distances of the Moon and Moon-culminating Stars deduced from Observations made with the Transit Circle in the years 1856-1861 By Sir. Thomas Maclear of the Royal Observatory Cape of Good Hope Royal. Ast. Soc. vol XXX III
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Nov. 24 Observations at the Royal Observatory, Cape of Good Hope by Sir Thomas Maclear Director
1 observations of Klinkerfues's Comet
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1867 Jan 10 Meteorologiske Jagttagelser Paa Christiania Observatorium 1865 2 Copies

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Jan 10 Observations des Phénomènes Periodiques pendant l'année 1863. Académie Royale de Belgique
(Extrait du Tome XXXVI des Mémoires)

Jan 10 Katalog Werthvoller und Wichtiger Werke aus allen Zweigen der Literatur und Wissenschaft aus dem Antiquarischen Lager von A. Asher & Co Berlin 1867
Secondhand books imported by L. W. Schmidt
24 Barclay Street near Broadway New York

Jan 10 L. W. Schmidt's Monthly Circular of New Publications December 1866

Jan 10 Results of the Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich 1864
Extracted from the Greenwich Observations, 1864
from the Royal Society London

Jan 10 Festschrift der Naturforschenden Gesellschaft zu Emden herausgegeben in veranlassung der Jubelfeier ihres 50jährigen Bestehens am 29 Dezember 1864 von der Direktion

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1867

Jan. 10 Einund funfzigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1865 von Hermann Meier Sekretär

Jan 10 Der Naturforschenden Gesellschaft in Emden bei der Feier ihres 50jahr. Bestehens am 29. December 1864 als Festgabe überreicht von dem Director derselben Dr. M. A. F. Prestel.

Jan. 10 Observations made at the Magnetical and Meteorological Observatory at Toronto in Canada. Printed by order of her Majesty's Government under the Superintendence of Lieut-Col Edward Sabine of the Royal Artillery Vol I. 1840, 1841, 1842.
Deposited in the Library of Harvard College subject to the control and the use when called for of the Director of the Observatory. W. Francis Bond.

Jan. 21 Cours de Micanique par M. Duhamel 2 vols Paris 1862
Bought of Sever & Francis

Jan 21 Cours de Physique de l'Ecole Polytechnique 3me Edition
Bought of Sever & Francis

Jan 21 British Nautical Almanac for the year 1869
Bought of Sever & Francis

Jan 21 An Introduction to Practical Astronomy with a Collection of Astronomical Tables by Elias Loomis
Bought of Sever & Francis Oct. 9 1866

Jan. 21 Index to the Catalogue of Books in the Bates Hall of the Public Library of the City of Boston First Supplement.

Jan 27 Sitzungsberichte der Konigl. bayer. Akademie der Wissenschaften zu Munchen 1866 I Heft IV and 1866 II Heft I

Jan 27 Duhamel Cours D'Analyse 2 vols. bought of Sever and Francis.

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1867 Mar. 12 Zweund dreyssigstes Jahresbericht des Mannheimer vereins für Naturkunde - Erstattet in der General-versammlung vom 3 Januar 1866 von Dr. E Weber als vice-Präsident des vereins.

Mar 12. Abhandlungen herausgegeben vom Naturwissenschaftlichen Vereine zu Bremen 1 Bd. 1 Heft.

Mar 12 Etudes et Lectures sur L'Astronomie par Camille Flammarion Tome Premier. Paris 1867

Mar 12 Die Selbstregistrirenden Meteorologischen Instrumente der Sternwarte in Bern. Bought of Westermann

Mar 12 Intorno Al Corso ed all' Origine Probabile delle Stelle Meteoriche Lettere Di. G. V. Schiaparelli ~~del~~ P. A Secchi.

Mar 12 Die Bedeutung Moderner Gradmessungen - Vortrag in der öffentlichen Sitzung der k. Akademie der Wissenschaften am 25 juli 1866 zur Feyer des Geburts und Namensfestes Sr. Majestät des Königs gehalten von Dr Carl Maximilian Bauernfeind. München 1866

Mar 12 Résumé Meteorologique de L'Année 1865 pour Genève et le Grand Saint Bernard par E Plantamour Tiré des Archives des Sciences de la Bibliothèque Universelle Juin 1866

Mar 12 10000 Positionen &c Schjellerup

Mar 12 Expériences faites a Genève avec le Pendule a Reversion par E Plantamour Geneve 1866

Mar. 12 Biographisch - Literarisches Handwörterbuch zur Geschichte der exacten Wissenschaften enthaltend Nachweisungen über Lebensverhältnisse und Leistungen von Mathematikern, Astronomen, Physikern, Chemikern, Mineralogen, Geologen &c &c. Aller Völker und Zeiten gesammelt von J. C. Poggendorff Mitglied der Akademie der Wissenschaften zu Berlin - 2 volumes (Bought of Isaac S Francis.

Mar. 12 Verzeichniss von 9412 Aequatorial - Sternen zwischen +3 und -3 Declination welche in den Münchener Zonen - Beobachtungen vorkommen, reducirt auf den Anfang des Jahres 1850 nebst Vergleichung mit den Beobachtungen von Lalande, Bessel, Rumker und Schjellerup Auf öffentliche Kosten herausgegeben von Dr. J. Lamont.

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Mar 67 Mar 12 Oversigt over det Kongelige danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbeider i Aaret 1866 Af J. Japetus Sm. Steenstrup No 2 No 3.

April 8 Researches on Solar Physics by Warren De La Rue Balfour Stewart Benj. Loewy

April 8 Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Erste Abtheilung. I Bd. Band IV & V Heft I Bd III Band I & II Heft III & IV Heft V Heft. I Bd IV Heft 1.

April 8 Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Zweite Abtheilung

I Bd III Band I Heft
" II "
" III "
" IV "
" V "
I Bd IV I

April 8 Annalen der k. k Sternwarte in Wien Dritter Folge Dreizehnter Band Jahrgang 1863

April 8 Meteorologische Beobachtungen an der Wiener Sternwarte von 1775 bis 1855

April 8 Jahresbericht am 19 Mai 1865 dem Comite der Nicolai-Hauptsternwarte abgestattet in Vertretung des Directors der Sternwarte von dem ältesten Adjunct W. Döllen

April 8 Untersuchungen über die Constitution der Atmosphäre und die Strahlenbrechung in derselben von Hr. H Gyldén

April 8 Uebersicht der Thätigkeit der Nicolai-Hauptsternwarte während des Ersten 25 Jahre ihres Bestehens Zusammengestellt von Otto Struve

April 8 Observations et orbite de l'étoile double Σ 1728 = 42 Comæ Ber. par O Struve

April 8 Untersuchungen über den Doppelstern Σ 3121 von W. Z Ditscheiner

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1867.

April 8 Entdeckung einiger Schwacher Nebelflecke von C. Struve.

April 8 Berechnung der Bahn des Cometen 1861 III von V. Fuss

April 8 Ephemeriden der beiden Biela'schen Cometen für die Erscheinung 1865 – 1866 von Th. Clausen

April 8 Bemerkung zu der Berechnung der Aequatoreal-Coordinaten nebst Anwendung auf Comet I 1866 von H. Gyldén

April 13. Siebenstellige gemeine Logarithmen. 1866. von Ludwig Schrön.

April 13. General-Register der Bände XLI. bis LX der Astronomischen Nachrichten.

May 30. London-Royal Society. Philosophical Transactions for 1828-45, 1848-51, 1854-57.

" " Annaes meteorologicos do Rio de Janeiro, 1851-56, 1857-62.

" " Herschel, Sir John F.W. Familiar Lectures on Scientific Subjects.

" " Sitzungsberichte der K.K. Akad. der Wissenschaften. 1866. II. Hft 2-4.

" " Sui fenomeni osservati in occasione dell' eclipse solare del 6 marzo 1867 relazione del Prof. G. Cacciatore.

Oct. 7.

Annales of the Astronomical Observatory of Harvard College. Vol. II. Pt. 1, 2. Vol. V.

" " American Journal of Science and Arts. Vols. XLII, XLIII, XLIV, 130.

" " Annales de l'Observatoire impérial. Vol. IX, X.

" " Astronomical and Meteorological Observations made at the Radcliffe Observatory in 1863.

" " Astronomical Observations made at the U.S. Naval Observatory during the Years 1851 & 1852.

" " Elementary Treatise on Physics by Prof. Ganot.

" " Meteors, Aerolites and Falling Stars by T.L. Phipson.

" " Repertorium für physikalische Technik. Ed. by Ph. Carl. Ier Bd.

" " Beiträge zur physicalischen Geographie von Griechland von J.F. Schmidt.

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1864
Oct. 16. Astronomische Beobachtungen über Cometen von J. F. J. Schmidt.

" " Poggendorff J. C. Biographisch-literarisches Handwörterbuch 2 vol.

" " Opioni e ricerche degli antichi sulle distanze e sulle grandezze dei corpi celeste di G. V. Schiaparelli

" " Dell'influenza della luna sulle vicende atmosferiche di G. V. Schiaparelli

" " Bulletino meteorologico del Osservatorio di Palermo. Vol. III. No. 4.

" " Über rillen auf dem Monde von J. F. J. Schmidt.

" " Further Observations on the Spectra of some of the Nebulae By Wm. Huggins.

" " Komet VI 1863, af P. G. Rasen,

" " Zeitschrift der österreichischen Gesellschaft für Meteorologie Vol. I No. 19-24; II: 1-4.

" " Abhandlungen herausgegeben vom Naturwissenschaftlichen Vereine zu Bremen. I Bd. 2 Heft.

" " Sitzungsberichte der k. b. Akad. der Wissenschaften zu München. 1864. I Heft I-III.

" " Oversigt over det Konelige danske Videnkabernes Selskabs. 1864. 1-3, 5, 6. af J. J. S. Steenstrup.

" " Emden-Naturforschende Gesellschaft.- 52er Jahresbericht.

" " Proceedings of the British Meteorological Society. Vol. I. No. 5-7; II. 11, 17-20; III. 21-31.

Error - Expériences faites à Genève avec le pendule a réversion par E. Plantamour.

" " Des Anomalies de la température observées à Paris pendant 1836-1865. par E. Plantamour.

" " Results of Meteorological Observations made at Brunswick, Me. between 1804 and 1859. By Parker Cleveland.

" " Results deduced from Meteorological Observations made at the Cape of Good Hope in 1861, 1862, 1863, 1864 and 1865.

" " Second Annual Report of the Sheffield Scientic School Yale College.

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1862phae.proj..270.

1867
Oct. 16. Jahrbuch der K. K. Geologischen Reichsanstalt XVI Bd. No 4.

1868
April 1 Berliner Astronomisches Jahrbuch für 1870

April 1 Annales de L'Observatoire Physique Central de Russie. Année 1863, Ns. 1 & 2, & Année 1864.

April 1 Results of Meteorological Observations for twenty years for Hobart Town, by F. Abbott (Duplicate received April 23, 1862)

April 1 Results of Twenty-five Years Meteorological Observations for Hobart Town, by Francis Abbott; with a Meteorological Summary for other places. 2 copies.

April 1 Compte-rendu Annuel, Année 1864. Supplément aux Annales de l'Observatoire Physique Central de Russie, pour l'année 1862.

April 1 Günther's Dissertation on the Perturbations by Saturn of the Orbit of Pallas.

April 1 J. G. Galle: Ueber die Verbesserung der Planeten-Elemente, angewandt auf eine neue Bestimmung der Pallas-Bahn.

April 1 Bulletino Meteorologico del R. Osservatorio di Palermo; part of 1866. Vol II, Nos. 4–12.

April 1 Zeitschrift der österreichischen Gesellschaft für Meteorologie. II Band., Nr. 10, 11, 12, 13, 14, 15.

April 1 Proceeding of the Meteorological Society, London. Vol. III, No. 32. 1867, June 19.

April 1 Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Tweede Reeks, Eerste Deel. Amsterdam, 1866.

April 1 Jaarboek van de Koninklijke Akademie van Wetenschappen, voor 1865.

April 1 Thomson and Tait's Treatise on Natural Philosophy, Vol. I. Oxford, 1867.

April 1 Meteorologiske Jagttagelser, reducerede og sammenstillede af J. J. Åstrand. Christiania, 1866.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1868

April 1 Meteorologiske Jagttagelser i det Sydlige Norge. 1863–1864–1865–1866. From the Meteorological Institute of Norway.

April 1 Verslag van den Staat der Sterrewachten te Leiden 1864–1865; 1865–1866.

April 1 Processen-Verbaal van de Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen van January 1865 tot en met April 1866.

April 1 Sulla compensazione delle Reti Trigonometriche di Grande Estensione. Note due del Prof. G. V. Schiaparelli. 1865–1866. From the Author.

April 1 Effemeridi Astronomiche di Milano. 1862 and 1867.

April 1 Results of Astronomical Observations made at the Melbourne Observatory in the years 1863, 1864, & 1865. Presented by the Melbourne Observatory.

April 1 Météorologie de la Belgique comparée à celle du Globe, par Ad. Quetelet. 1867. From the Brussels Observatory. 2 copies.

April 1 Repertorium für Physikalische Technik, herausgegeben von Dr. Ph. Carl. München, 1867. III Band, 2, 3, 4, 5, & 6 Heft.

April 1 Annaes do Observatorio do Infante D. Luiz em Lisboa. Vol. 1 — 1856–1863. Presented by W. P. Tuttle.

April 1 Meteorologiske Jagttagelser paa Christiania Observatorium 1866. 2 copies. From the Christiania University.

April 1 Osservazioni Meteorologiche eseguite nel R. Osservatorio di Palermo, nell'anno 1864.

April 1 Bullettino Meteorologico del R. Osservatorio di Palermo. 1867. Vol. III, Nos. 1, 2, 3, 5, 8, 9, 10, 11, 12.

April 2 Results of a Comparison of the Traces of the New and Lisbon Magnetographs. Presented by W. P. Tuttle.

April 2 Temporal de 13 de Dezembro de 1864, por J. C. Brito Capello. Presented by W. P. Tuttle.

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1868

April 2 Guia para o uso das cartas dos ventos e correntes do Golpho de Guiné, por J.C. de Brito Capello. Presented by H.P. Tuttle.

April 2 Segunda lista dos reptis das possessões portuguezas d'Africa occidental que existem no Museu de Lisboa. Presented by H.P. Tuttle.

April 2 Guide pour l'usage des cartes des vents et des courants du Golfe de Guinée par M. de Brito Capello. Traduit du portugais. Presented by H.P. Tuttle.

April 2 Ephemerides Astronomicas calculadas para o meridiano do Observatorio da Universidade de Coimbra para o anno de 1868. Presented by H.P. Tuttle.

April 2 Observaciones Meridianas de las Estrellas ν^3 a, 20 i γ Canis Majoris hechas en el Observatorio Nacional en los años 1864, 1865, i 1866, por José I. Vergara. 2 Copies.

April 2 Bericht über die zweite Versammlung der Astronomischen Gesellschaft, August 1867.

April 2 Rapport fait à l'Académie Royale des Sciences des Pays-Bas, Section Physique 7. janvier 1868.

April 2 Enkel approximations-method för tidg- och longituds bestämningar. Af J.J. Astrand. Presented by the Author. 2 Copies.

April 2 Neue einfache Methode für Zeit- und Längenbestimmung, von J.J. Astrand. Mit Vorbemerkungen von Carl v. Littrow. Presented by the Author.

April 2 Die Constanten der Präcession nach Le-Verrier. Von Dr. Th. Oppolzer.

April 2 Bahnbestimmung der Planeten (59) Elpis und (64) Angelina. Von Dr. Th. Oppolzer.

April 2 Ueber die Bahn des Cometen III 1862. Von Dr. Th. Oppolzer.

April 2 Bahnbestimmung des Cometen I, 1866 (Tempel). Von Dr. Th. Oppolzer.

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1868

April 2 Bestimmung der Bahn des Cometen III, 1860. Von A. Auwers.

April 2 Bestimmung der Parallaxe des Sterns 34 Groombridge. Von A. Auwers.

April 2 Observations des Phénomènes Périodiques pendant l'année 1864. From the Royal Observatory of Belgium.

April 2 Notices extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1867. Par A. Quetelet.

April 2 Notice sur Pierre-Joseph Braemt, par A. Quetelet.

April 2 Deux Lettres de Charles-Quint à François Rabelais. Note de M. Ad. Quetelet. 2 Copies.

April 2 Sur la Réfraction de la Lumière depuis le Zénith jusq'au dessous de l'Horizon. Extrait d'une lettre à M. Ad. Quetelet par M. Emm. Liais.

April 2 Bolide Observé le 11 Juin 1867; communication de M. Ad. Quetelet.

April 2 Communications sur le 17me Volume des Annales de l'Observatoire Royal de Bruxelles; par M. Ad. Quetelet. 2 copies.

April 2 Étoiles Filantes, etc. — Communications de M. Ad. Quetelet. 2 copies.

April 2 Sur l'Époque des Chutes d'Aérolithes. Par M. Ad. Quetelet. 2 copies.

April 2 Observations des Étoiles Filantes Périodiques de Novembre 1866. Par MM. A. et E. Quetelet. 2 copies.

April 2 Des Lois Mathématiques concernant les Étoiles Filantes, par M. Ad. Quetelet. 2 copies.

April 2 Annales de l'Observatoire Royal de Bruxelles, par le Directeur, Ad. Quetelet. Volume XVII. 1866. 2 copies.

April 2 Revue des Cours Scientifiques de la France et de l'Étranger. Quatrième Année, No. 45.

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1868

April 2 Association Scientifique de France. Several numbers for 1867 & 1868 of Bulletin Hebdomadaire. (Nos. 35, 37, 38, 40, 56 wanting)

April 2 Descrizione del Meteorografo dell'Osservatorio del Collegio Romano, del P. Angelo Secchi.

April 2 Réflexions sur l'Hypothèse de Laplace relative à l'Origine du Système Planétaire. Par M. Sequin (aîné). 2 copies.

April 2 Nautical Almanac Circular, No. 11. Path of the Total Phase of the Solar Eclipse, August 17–18, 1868, from Aden to Torres Straits.

April 2 Investigation of the Distance of the Sun from Observations of Mars, forming Appendix II to the Washington Astronomical Observatory for 1865.

April 2 Repertorium für Physikalische Technik für Mathematische und Astronomische Instrumentenkunde. Herausgegeben von Dr. Ph. Carl. II Band.

April 2 Astronomical, and Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, in the year 1865.

April 2 Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1864.

April 2 Results of Astronomical Observations made at the Radcliffe Observatory, Oxford, in the year 1865.

April 2 Almanaque Nautico para 1864 calculado en el Observatorio de Marina de la Ciudad de San Fernando.

April 2 Practical and Spherical Astronomy, by the Rev. Robert Main.

April 6 American Ephemeris and Nautical Almanac for 1869.

April 6 Nautical Almanac and Astronomical Ephemeris for 1870. London, 1866.

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1868

April 6 Annales de l'Observatoire Impérial de Paris, publiées par U. J. Le Verrier, Directeur. Mémoires, Tome VIII.

April 7 Memoirs of the American Academy of Arts and Sciences. New Series, Vol. IX. Part I. Cambridge and Boston. 1867.

April 7 Standard Mean Places of Circumpolar and Time Stars, prepared for the Use of the U. S. Coast Survey. 2nd Edition. Washington, 1866.

April 7 Description of the Transit Circle of the U. S. Naval Observatory. Presented by Commodore Sands.

April 7 Observations and Discussions on the November Meteors of 1867. U. S. Naval Observatory.

April 7 Sequel to the Origin of the Stars, or the Mechanical Theory of Solar Heat. By Jacob Ennis.

April 7 Sequel to the Origin of the Stars, or the Necessity of Nebular Rotation. By Jacob Ennis.

April 7 Description of an Equatorial erected at Hopefield Observatory, England.

April 7 C. Abbe on the Repsold Portable Vertical Circle.

April 7 Todhunter's Theory of Equations. Cambridge and London, 1861.

April 7 Whitworth's Modern Analytical Geometry. Cambridge and London, 1866.

April 11 Siderum Nebulosorum Observationes Havnienses. Auctore Dr. H. L. D'Arrest. Havniae, 1867

April 11 Sitzungsberichte der königlichen bayer. Akademie der Wissenschaften zu München. 1867. II. Heft II & III. München, 1867. Presented by the Academy.

April 11 Proceedings of the Meteorological Society. 1867 Nov. 20. Vol. IV, No. 33. London 1867.

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1862phae.proj..270.

1868

April 11 Annalen der königlichen Sternwarte bei München. Band XV & XVI (XXX & XXXI of the complete collection.) Presented by the Observatory.

April 11 Mittheilungen aus dem Osterlande, gemeinschaftlich herausgegeben vom Gewerbe-Vereine, von der Naturforschenden Gesellschaft und dem bienenwirthschaftlichen Vereine zu Altenburg. Band XVIII. Heft. 1 & 2. Altenburg 1867. Presented by the "Naturforschende Gesellschaft des Osterlandes."

April 11 Zeitschrift der österreichischen Gesellschaft für Meteorologie, redigirt von Dr. Carl Jelinek. II. Band. Nos. 19, 20, 21, 22, 23, 24.

April 11 Processen-Verbaal van de gewone Vergaderingen der Koninkhijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Van Mei 1866 tot en met April 1867.

April 11 Verslag van den Staat der Sterrewacht te Leiden, uitgebragt door F. Kaiser. 1866-67. Amsterdam 1867.

April 11 Jaarboek van de Koninkhijke Akademie van Wetenschappen gevestigd te Amsterdam voor 1866.

April 23 Repertorium für Physikalische Technik für Mathematische und Astronomische Instrumentenkunde. Herausgegeben von Dr. Ph. Carl. III Band, 1. Heft. München 1867.

April 23 Mélanges Mathématiques et Astronomiques tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome IV. 3 pos. I. $\frac{15}{27}$ November 1866. Untersuchungen über die Bahn des Doppelsterns Σ 3062, von V. Fuss. II. $\frac{31 \text{ Januar}}{12 \text{ Februar}}$ 1867. Resultate aus Beobachtungen des Mondes und der Mondsterne, von A. Fritsche. III. $\frac{12}{24}$ April 1866. Ueber den Sirius-Satelliten, von O. Struve.

April 23 Tabulae Quantitatum Besselianarum pro annis 1865 ad 1874 computatae. Edidit Otto Struve, Specolae Pulcovensis Director. Petropoli, 1867.

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1868

April 23 Jahresbericht ans 20 Mai 1866 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt.) St. Petersburg, 1866.

April 23 Monthly Notices of the Royal Astronomical Society. Vol. XXVIII. No. 5. March 13, 1868.

April 23 Association Scientifique de France. 29 Mars 1868. Bulletin Hebdomadaire No. 61.

April 23 Bulletino Meteorologico del R. Osservatorio di Palermo. Vol. III. No. 1. Gennaro, 1868.

May 8 Anuario del Real Observatorio de Madrid. Año VIII. 1868. Madrid, 1867. 3 copies.

May 8 Observaciones Meteorológicas efectuadas en el Real Observatorio de Madrid, desde 1º de Diciembre de 1865 ab 30 de Noviembre de 1866. Madrid, 1867. 3 copies.

May 8 Resumen de las Observaciones Meteorológicas efectuadas en la Península desde el 1º de Diciembre de 1865 al 30 de Noviembre de 1866. Madrid, 1867. 3 copies.

May 8 Informe del Director del Real Observatorio Astronómico y Meteorológico de Madrid al Excmo. Sr. Comisario Regio del mismo Establecimiento. Madrid, 1867. 2 copies.

May 8 Zeitschrift der österreichischen Gesellschaft für Meteorologie. Redigirt von Dr. Carl Jelinek. II Band. Nr. 16, 17, 18.

May 8 Annales de l'Observatoire Impérial de Paris, publiées par U. J. Le Verrier, Directeur de l'Observatoire. Observations, Tomes XXI & XXII (1865 & 1866). Paris, 1866 & 1867.

May 8 Atlas Météorologique de l'Observatoire Impérial. Année 1866. Paris, 1867.

May 15 Untersuchungen über die Genauigkeit des Nivellirens und Distanzmessens nach der Stampfer'schen Methode. Von G. v. Niessl. Brünn, 1864.

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1862phae.proj..270.

1868
May 15 Annalen der Königlichen Sternwarte bei München. XV and XVI Bd. München, 1867. (Duplicates of those received and entered April 11).

May 18 Results of the Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, 1865. From the Royal Society, London.

May 23 Tables pour la Réduction du Temps en Parties Décimales du jour, par J. J. Houel. Published and presented by the Astronomische Gesellschaft. Leipzig, 1866. 2 copies.

May 23 Untersuchungen über Veränderliche Eigenbewegungen, von G. F. J. Arthur Auwers. Zweiter Theil. Bestimmung der Elemente der Fixsternbahn. Published and presented by the Astronomische Gesellschaft. Leipzig, 1868.

May 23 Ueber das Problem der Drei Körper im Allgemeinen und ins Besondere in seine Anwendung auf der Theorie des Mondes. Von Dr. A. J. Weiler. Published and presented by the Astronomische Gesellschaft. Leipzig, 1866.

May 23 Genäherte Oerter der Fixsterne von welchen in den Astronomischen Nachrichten Band 1 bis 66 selbständige Beobachtungen angeführt sind für die Epoche 1855 hergeleitet und nach den geraden Aufsteigungen geordnet von H. C. F. C. Schjellerup. Published and presented by the Astronomische Gesellschaft. Leipzig, 1867.

May 23 Tafeln der Metis, entworfen von Dr. Otto Lesser. Published and presented by the Astronomische Gesellschaft. Leipzig, 1865.

May 23 Hülfstafeln zur Berechnung specieller Störungen ... für die Planeten Venus, Erde, Mars, Jupiter, Saturn, Uranus und Neptun von 1800 bis 1864. Published and presented by the Astronomische Gesellschaft. Leipzig, 1865.

May 23 Reduction der Beobachtungen der Fundamentalsterne am Passageninstrument der Sternwarte zu Palermo in den Jahren 1803 bis 1805, von Arthur Auwers. Published and presented by the Astronomische Gesellschaft. Leipzig, 1866.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1868

May 23 Rechtwinkelige und Polarcoordinaten des Jupiter. Published and presented by the Astronomische Gesellschaft. Leipzig, 1866.

May 23 Vierteljahrsschrift der Astronomischen Gesellschaft. Heft I (Januar 1866); II (April 1866) III (Juli 1866); IV (November 1866): Jahrgang II— —II (April 1867): III (Juli 1867); IV (October 1867).

May 27 Sidenum Nebulosarum, Observationes Hafnienses auctore H. L. D'Arrest. Duplicate (see April 11, 1868.) Received from the Royal Danish Scientific Association.

May 27 Oversigt over det Kongelige Danske Videnskabernes Selskabs Forhandlinger og det Medlemmers Arbeider i Aaret 1867. Af J. Japetus Sm. Steenstrup, Professor ord. ved Kjöbenhavns Universitet Selskabets Secretair. Kjöbenhavn. 1867, No. 4; 8°.

May 27 Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin in den Jahren 1865, 1866, 1867. 3 volumes, 4°. Berlin, 1866, 1867, 1868.

May 27 Proceedings of the Meteorological Society, Vol. III, No. 34. London, 1868.

June 3 Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1867, redigirt und bearbeitet von Dr. Arthur von Oettingen. Dorpat, 1868.

June 3 Transactions of the Chicago Academy of Sciences Vol I, Part I. Chicago, 1867.

June 3 Proceedings of the Meteorological Society Vol. IV, Nos. 35, 36. London, March & April 1868.

June 3 Meteorology of England for quarter ending Dec. 31 1867, by James Glaisher.

June 3 Greenwich Astronomical Results, 1865

June 3 Royal Microscopical Society. The President's Address for the year 1867-8.

June 3 Memoirs of the Royal Astronomical Society, Vols. XXXV, XXXVI. 4°. London, 1867.

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1868

June 11 Ueber die Bestimmung einer Kometenbahn, von Dr. Th. Oppolzer. From the Author.

July 1 Definitive Bahnbestimmung des Planeten (58) "Concordia", von Dr. Th. Oppolzer.

July 1 Die Aberration der Fixsterne nach der Wellentheorie. Von W. Klinkerfues, Professor und Director der königlichen Sternwarte zu Göttingen. Leipzig, 1867.

July 1 Repertorium für Experimental-Physik, für Physikalische Technik, Mathematische und Astronomische Instrumentenkunde. Herausgegeben von Dr. Ph. Carl. Vierter Band des "Repertoriums für Physikalische Technik &c." I Heft. München 1868.

July 1 Washington Astronomical Observations for 1865.

July 13 Professional Papers of the Corps of Engineers. No. 15, On the Use of the Barometer on Surveys and Reconnaissances. No. 15 (Appendix.) Practical Tables in Meteorology and Hypsometry. New York, 1868.

Sept. 25 Repertorium für Experimental-Physik, für Physikalische Technik, Mathematische und Astronomische Instrumentenkunde. Herausgegeben von Dr. Ph. Carl. Vierter Band des "Repertoriums für Physikalische Technik &c." 2. Heft. München 1868.

Sept. 25 Zeitschrift der oesterreichischen Gesellschaft für Meteorologie. III Band, No. 1—8.

Sept. 25 Annalen der k. k. Sternwarte in Wien. Dritter Folge Vierzehnter Band Jahrgang 1864.

Sept. 25 Ueber Fixsternsysteme. Ein Vortrag von Dr. Edmund Weiss. Wien 1865. Presented by the author.

Sept. 25 Ueber die Mondoberfläche. Ein Vortrag von Dr. Edmund Weiss. Wien 1866. Presented by the author.

Sept. 25 Bahnbestimmung von Maja. Von Dr. Edmund Weiss, Adjunkt der k. k. Sternwarte. Wien 1865. Presented by the author.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Sept. 25 Bericht über die Beobachtungen während der ringförmigen Sonnenfinsterniss am 6. März 1867 in Dalmatien. Von Dr. Edmund Weiss. Presented by the author.

Sept. 25 Berechnung der Sonnenfinsternisse des Jahres 1867, von Dr. Edmund Weiss. Presented by the author.

Sept. 25 Berechnung der Sonnenfinsternisse in den Jahren 1868 bis 1870. Von dem c. M. Dr. Edmund Weiss. Presented by the author.

Sept. 25 Memorie dell' Osservatorio del Collegio Romano d. C. d. G. Nuova Serie Volume II. Dall'Anno 1860 al 1863; pubblicate dal P. Angelo Secchi della Compagnia di Gesù, Direttore del Medesimo Osservatorio. (From the Observatory)

Sept. 25 Osservazioni Magnetiche e Meteorologiche 1864 & 1865. From the Observatory of the Roman College

Sept. 25 Misura della Base Trigonometrica eseguita sulla Via Appia per ordine del Governo Pontificio nel 1854–55 dal P. A. Secchi d. C. d. G. (From Father Secchi.)

Sept. 25 Review by Alfred Gautier from the "Bibliothèque Universelle de Genève" of the Memoirs of the Observatory of the Roman College. 2 copies. (From Father Secchi.)

Sept. 25 Bullettino Meteorologico dell' Osservatorio del Collegio Romano con Corrispondenza e Bibliografia per l'avanzamento della Fisica Terrestre, compilato dal P. Angelo Secchi d. C. d. G. Direttore del medesimo Osservatorio. Volume V. Anno V. 1866. Roma. 1866. (From F. Secchi)

Sept. 25 Riduzioni delle Osservazioni Magnetiche fatte all' Osservatorio del Collegio Romano dal 1859 al 1864 del P. Angelo Secchi d. C. d. G. Roma, 1865. Parte Prima. (From Father Secchi.)

Sept. 25 Ricerche sulle macchie solari e i loro movimenti del P. A. Secchi. (From the author.)

Sept. 25 Ricerche sulla corrente elettrica e sue analogie coi fenomeni idraulici del P. A. Secchi. (From the author.)

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Sept. 25 Intorno alla Corrispondenza che passa tra i fenomeni meteorologici e le variazioni d'intensità del magnetismo terrestre. Memoria del P. Angelo Secchi. (From the author.)

Sept. 25 Osservazioni e ricerche astronomiche sulla grande cometa del giugno 1861. Discorso del P. Angelo Secchi. (From the author.)

Sept. 25 Sulla grande nebulosa di θ' Orione. Memoria del P. Angelo Secchi. Firenze, 1868. (From the author.)

Sept. 25 Catalogo delle stelle di cui si è determinato lo spettro luminoso all' Osservatorio del Collegio Romano. Dal P. A. Secchi, Direttore del medesimo Osservatorio. Parigi, 1867. (From the author.

Sept. 25 Nuovi esperimenti sulle stelle cadenti fatti all' Osservatorio del Collegio Romano. (From the author, P. Angelo Secchi.)

Sept. 25 Sul clima di Roma, lettura seconda fatta all'accademia degli Arcadi in Roma li 24 maggio 1866 dal P. A. Secchi d. C. d. G. Roma, 1866. (From the Author)

Sept. 25 Sulla relazione de' fenomeni meteorologici colle variazioni del magnetismo terrestre. Memoria letta alla Pontificia Accademia Tiberina dal P. Angelo Secchi. Roma, 1864. (From the author.) (Differs from that memoir above of a similar title.)

Sept. 25 Le recenti scoperte astronomiche. Lettura fatta alla Pontificia Accademia Tiberina nella tornata del giorno 27 gennaio 1868. Dal P. A. Secchi d. C. d. G. (From the author.) 2 copies, one bound up with another essay "Sull' epoca vera e la durata della cecità di Galileo".

Sept. 25 La Météorologie et le Météorographe a l'Exposition Universelle. Extrait des études religieuses, historiques, et littéraires par des pères de la Compagnie de Jésus. Paris, 1867. (From Father Secchi.)

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Sept. 25 Suggestions for Mariners about the use and the exactness of the methods for determining the longitude and the variation of the Compass by circummeridian altitudes. By Charles de Littrow, Director of the I.R. Observatory, Vienna.

Sept. 25 Sur une nouvelle méthode pour déterminer en mer l'heure et la longitude par les différences des hauteurs circumméridiennes; par M. Charles de Littrow, Directeur de l'Observatoire I.R. de Vienne.

Sept. 25 Essai de la méthode de M. de Littrow pour la détermination des longitudes en mer fait à bord du transport "Le Var". Extrait d'une lettre de M. Lemoine à M. Faye.

Sept. 25 Physische Zusammenkünfte von Asteroiden im Jahre 1867. Von Karl v. Littrow.

Sept. 25 Annales de l'Observatoire Royal de Bruxelles, publiées aux frais de l'état, par le Directeur A. Quetelet. Tome XVIII. Bruxelles, 1868. 2 copies.

Sept. 25 Annales Météorologiques de l'Observatoire Royal de Bruxelles. Première Année. Bruxelles, 1867. 2 copies.

Sept. 25 Notices extraites de l'annuaire de l'Observatoire Royal de Bruxelles pour 1868, par le Directeur A. Quetelet. (From the author.)

Sept. 25 Sur les étoiles filantes périodiques du mois d'août 1867, et sur les orages observés en Belgique, pendant l'été de 1867; communications recueillies par M. Ad. Quetelet. (From the author.)

Sept. 25 Sur la loi statistique des tailles humains, et sur la régularité que suit cette loi dans son développement a chaque age; par M. Ad. Quetelet. (From the author.)

Sept. 25 Sur la sixième session du Congrès statistique des différents peuples, tenu a Florence du 27 Septembre au 5 Octobre 1867; communication de M. Ad. Quetelet. (From the author.)

Sept. 25 Note sur la publication du tomo XVIII des Annales de l'Observatoire R. de Bruxelles, par M. Ad. Quetelet. (From the author.)

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Sept. 25 Proceedings of the Meteorological Society, London. Vol. IV. No. 37. 1868 April 15.

Sept. 25 Meteorology of England for the quarter ending March 31, 1868.

Sept. 25 Sitzungsberichte der königlichen bayerischen Akademie der Wissenschaften zu München. 1867 II. Heft IV. 1868. I. Heft I, II, III.

Sept. 25 Spostrzeżenia Meteorologiczne robione W C.K. Obserwatorium Astronomicznem W Krakowie od Grudnia 1866 po Koniec Listopada 1867 r. Kraków 1868.

Sept. 25 Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory Greenwich, read at the Annual Visitation of the Royal Observatory 1868, June 6. (2 copies).

Sept. 25 Atlas des orages de l'année 1865; rédigé par l'Observatoire Impérial. Paris. 1866.

Sept. 25 Atlas Météorologique de l'Observatoire Impérial. Année 1866. Paris, 1867. {duplicate of that received May 8}

Sept. 25 Atlas des mouvements généraux de l'atmosphère. Année 1864. Rédigé par l'Observatoire Impérial de Paris. Paris, 1868.

Sept. 25 The West India Cyclone of Oct. 29 & 30, 1867. By J. R. Eastman. (From the Naval Obs.)

Sept. 25 Πραγματεία περὶ τοῦ γενομένου τῷ 1861ῳ Δεκεμβρ. 26η (14η) σεισμοῦ τοῦ Αἰγίου. (Translated from the German of J.F.J. Schmidt, Director of the Athens Observatory.) Athens, 1867. (From the author.)

Sept. 25 Περὶ τοῦ γενομένου τῷ 1867ῳ Ιανουαρίου 23η σεισμοῦ τῆς Κεφαλληνίας. (Translated from the German of J.F.J. Schmidt, Director of the Athens Observatory.) Athens, 1867. (From the author.)

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Sept. 25 Études Météorologiques faites en ballon, par M. Flammarion. (From the author)

Sept. 25 Segmentation d'une tache solaire; par M. C. Flammarion. (From the author).

Sept. 25 Oversigt over det Kongelige Danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbeider i Aaret 1866

Sept. 25 Same as the preceding, — for 1867. Both by J. J. S. Steenstrup. Presented by the Royal Danish Scientific Association.

Sept. 25 Theoretical Astronomy, relating to the motions of the Heavenly Bodies revolving round the sun in accordance with the law of universal gravitation. By James C. Watson, Director of the Observatory at Ann Arbor and Professor of Astronomy in the University of Michigan. Philadelphia & London. 1868. (Bought Lippincott & Co.)

Sept. 25 Brande and Cox's Dictionary of Science, Literature and Art. 3 vols. London (Vol. II 1866 — Vols. I & III 1867.) Bought

Sept. 25 Association Scientifique de France. Bulletin Hebdomadaire. Nos. 70, 72, 74, & 75 to 85 inclusive.

Sept. 25 Monthly Notices of the Royal Astronomical Society. Vol. ~~XXVIII~~. Nos. 7 & 8.

Oct. 9 A Treatise on Infinitesimal Calculus; containing Differential and Integral Calculus, Calculus of Variations, Applications to Algebra and Geometry, and ~~Dy~~Analytical Mechanics. By Bartholomew Price M. A., F. R. S., F. R. A. S., Fellow and Tutor of Pembroke College, and Sedleian Professor of Natural Philosophy, Oxford. Second Edition. Oxford, 1867. 4 volumes 8°. ~~Boards~~. Cloth. Bought of Sever and Francis.

Oct. 9 Repertorium für Experimental-Physik, für Physikalische Technik, etc. Herausgegeben von Dr. Ph. Carl. Vierter Band 3. Heft. Bought of B. Westermann & Co. 8°, paper.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Dec. 15 Repertorium für Experimental Physik, für Physikalische Technik, Mathematische & Astronomische Instrumentenkunde. Herausgegeben von Ph. Carl. Vierter Band des "Repertoriums für Physik, Technik, etc." Heft. 4. München, 1868. Bought of B. Westermann & Co.

Dec. 15 P. A. Hansen. Auseinandersetzung einer zweckmässigen Methode zur Berechnung der absoluten Störungen der kleinen Planeten. Dritte Abhandlung. Leipzig, 1859. 8°, paper. Bought of B. Westermann and Co. (1st and 2d parts of this treatise ordered, but not to be had at present.)

Dec. 15 Tables Éclipsiques des Satellites de Jupiter, d'après la théorie de leurs attractions mutuelles et les constantes déduites des observations, par le Baron de Damoiseau. Paris, 1836. 4°. paper. Bought of B. Westermann & Co.

Dec. 15 Report of the 37th meeting of the British Association for the Advancement of Science. London 1868, 8°, cloth. Presented by the Association.

Dec. 15 G. Johnstone Stoney on the Physical Constitution of the Sun and Stars. From the Proceedings of the Royal Society, No. 105, 1868. Pamphlet. Presented by the author.

Dec. 15 G. Johnstone Stoney on the Connexion between Comets and Meteors. Tract. 4 pages. From the author.

Dec. 15 G. Johnstone Stoney on the Solar Eclipse Aug. 1868. Tract, 4 pages. From the author.

Dec. 15 Monthly Notices of the Royal Astronomical Society Vol. XXVIII No. 9. Supplementary Notice.

Dec. 15 Association Scientifique de France. Bulletin Hebdomadaire. Nos. 87, 89, 90, 91, 92, 93, 94, 95.

Dec. 15 American Journal of Science and Arts. Conducted by Profs. B. Silliman & J. D. Dana. 2d Series Vol. 46, No. 138 Nov. 1868.

Dec. 15 Johnson's New Illustrated Family Atlas of the World. New York. 1868. 4°. cloth. Bought.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Dec. 15 Rain: how, when, where, why, it is measured. By G. J. Symons. 1 vol. limp cloth. London 1867. Bought of Low and Francis.

Dec. 16 Annual Report of the Board of Regents of the Smithsonian Institution, showing the operations, expenditures and condition of the Institution for the year 1867. 8; cloth. Washington 1868. From the Institution.

Dec. 22 A Treatise on Astronomy for the use of Colleges and Schools: by Hugh Godfray. Cambridge and London, 1866. 1 vol. octavo. cloth. Bought

Dec. 22 Zeitschrift der oesterreichischen Gesellschaft für Meteorologie. III Band Nr. 9 to 15 inclusive.

Dec. 22 Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford in the year 1865. Oxford, 1868. 1 vol. cloth. Presented by the Radcliffe Trustees.

Dec. 31 Elemente der Vermessungskunde, von Dr. Carl Maximilian Bauernfeind. Zweite Vermehrte und Verbesserte Auflage. München, 1862. 8° paper 839 pages. Bought of B. Westermann & Co.

Dec. 31 Association Scientifique de France. Bulletin Hebdomadaire Nos 96 (part) 97 98

Dec. 31 Das Luftspectrum. Eine prismatische Untersuchung des zwischen Platina-Electroden überschlagenden electrischen Funkens, von Dr. Friedrich Brasack. Halle 1866. 4° paper. Bought of B. Westermann & Co.

Dec. 31 Om Stormen den 30 Maj 1865 och följande dagar. Af R. Rubenson. Pamphlet Presented by Prof. Winlock.

Dec. 31 Observations Météorologiques faites à l'Observatoire d'Upsal pendant les années 1855–1862 Upsal, 1866. 4° stiff paper. Presented by Prof. Winlock.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Jan. 4 Navigation and Nautical Astronomy (Practical, Theoretical, Scientific) for the use of Students and practical men. By John Merrifield and Henry Evers. London, 1868. 8°, cloth. Bought of Sever and Francis.

Jan. 8 Sixteenth Annual Report of the Trustees of the Public Library. Boston, 1868.

Jan. 8 Viertel jahrsschrift der Astronomischen Gesellschaft. III. Jahrgang. Erstes und Zweites Heft. Leipzig, 1868. From the Association.

Jan. 18 Association Scientifique de France. Bulletin Hebdomadaire No. 100

Jan. 18 Outline of the Method of Conducting a Trigonometrical Survey; for the formation of Geographical and Topographical Maps and Plans: Military Reconnaissance, Levelling, etc; with the most useful problems in Geodesy and Practical Astronomy, and formulae and tables for facilitating their calculation. By Colonel Frome, Royal Engineers. 3d Edition 8° — 277 pages. London, 1862. Bought of Sever & Francis.

Feb. 1 Proceedings of the Royal Society. Vol. XII No. 55. Vol. XIV No. 71 Vol. XV. No. 84. Containing papers by Mr. Huggins on the Spectra of stars and nebulae. Bought of B. Westermann & Co.

Feb. 1 Philosophical Transactions of the Royal Society of London. Vol. 154 Part II. Vol. 156, Part I. Containing papers by Mr. Huggins on the spectra of stars, nebulae, and chemical elements. Bought of B. Westermann & Co.

Feb. 1 Outline of the Method of conducting a Trigonometrical Survey. (Duplicate of the work of this title entered Jan. 18, 1869.) Bought of B. Westermann & Co.

Feb. 1 Monthly Notices of the Royal Astronomical Society. Vol. XXIX. Dec. 11, 1868. No. 2

Feb. 11 Recherches sur les Offuscations du Soleil et les Météores Cosmiques, par Edouard Roche. Paris, 1868. Sent to Prof. Bond by the author (?) Placed in the Library.

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Feb. 11 Proceedings of the Meteorological Society, London. Vol. IV No. 38. 1868 June 17. London Aug. 1868.

Feb. 11 Meteorology of England during the quarter ending June 30 1868. From the Meteorological Society. 8 pages, unbound.

Feb. 11 Zeitschrift der österreichischen Gesellschaft für Meteorologie. III Bd. Nos. 16, 17, 18, 19, 20.

Feb. 11 Processen-Verbaal van de Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde, van Mei 1867 tot en met April 1868. From the Academy.

Feb. 11 Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Tweede Deel. Amsterdam, 1868. From the Academy.

Feb. 11 Verhandelingen der Koninklijke Akademie van Wetenschappen. Elfde Deel. Met Platen. Amsterdam, 1868. From the Academy.

Feb. 11 Jahres-Bericht der k. k. Ober-Realschule am Schottenfelde in Wien für das Studien-Jahr 1860-61. — Same for 1861-62, 1862-63, 1863-64, 1864-65, 1865-66, 1866-67. From the Ober-Realschule.

Feb. 11 Bestämning af Polhöjden för Lunds Observatorium, medelst observationer i första vertikalen af A. V. Bäcklund. From the Observatory of Lund.

Feb. 11 Planet-Observationer anställda År 1867 på Lunds Observatorium, reducerade och sammanställda af Axel Möller. From the Observatory.

Feb. 11 Astronomische Beobachtungen auf der Sternwarte zu Bonn von Dr. Fr. W. A. Argelander. Siebenter Band. Erste Abtheilung. From the Bonn Observatory.

Feb. 11 Verbesserungen und Bemerkungen zu verschiedenen Sternverzeichnissen und Beobachtungssammlungen. Reprinted from the 6te vol. of the Bonn Observations. From the Bonn Observatory.

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Feb. 11 Astronomische Beobachtungen auf der Sternwarte zu Bonn von Dr. Fr. W. A. Argelander. Sechster Band. From the Bonn Observatory.

Feb. 11 Verslag van den Staat der Sterrewacht te Leiden, door F. Kaiser. July 1 1866 to June 30 1867, and July 1, 1867 to June 30, 1868. 2 vols. 1867 and 1868. From the Leyden Observatory.

Feb. 11 Annalen der Sternwarte in Leiden herausgegeben von Dr. F. Kaiser. Erster Band. Harlem 1868. From the Leyden Observatory.

Feb. 11 Astronomical, Magnetic, & Meteorological Observations at the Royal Observatory, Greenwich, for the year 1866. From the Observatory.

Feb. 11 Magnetical & Meteorological Observations, at Greenwich, 1866. Extracted from the preceding. From the Observatory.

Feb. 11 Results of the Astronomical Observations made at the Royal Observatory, Greenwich, 1866. Extracted from the Greenwich Observations, 1866. From the Greenwich Observatory.

Feb. 11 Sulla Struttura delle macchie Solari. Dal P. A. Secchi da C. d. G. Roma 1866. Presented by G. M. Searle

Feb. 11 Description of a Hand Spectrum-Telescope by William Huggins, F. R. S. 3 pages. Presented by Prof. Winlock.

Feb. 11 Bericht der königlichen Sternwarte zu Berlin für das Jahr 1867, erstattet von dem Director Prof. W. Förster. Presented by Prof. Winlock.

Feb. 11 Ordnance Trigonometrical Survey of Great Britain and Ireland. Account of the Observations and Calculations of the Principal Triangulation, and of the Figure, Dimensions, and Mean Specific Gravity of the Earth as derived therefrom. Drawn up by Capt. Alexander Ross Clarke, R.E. F.R.A.S. under the direction of Lt Colonel H. James, R.E. F.R.S., M.R.I.A. &c., Supt. of the Ordnance Survey. 4° London 1858. Cloth. Separate volume of Plates. Bought of B. Westermann & Co.

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Feb. 25 — Repertorium für Experimental-Physik, für Physikalische Technik, Mathematische & Astronomische Instrumentenkunde. Herausgegeben von Dr. Ph. Carl. Vierter Band des "Repertoriums für Physik. Technik &c." Band IV, 5 Heft. Bought of B. Westermann & Co.

Feb. 25 — Libros del Saber de Astronomia del Rey D. Alfonso X de Castilla, copilados anotados, y comentados por Don Manuel Rico y Sinobas. Tomo V. Parte I. Folio, cloth. Madrid, 1867. Found in the Library, but apparently not previously entered.

Feb. 25 — American Journal of Science & Arts. Jan. 1869. Vol XLVII. No. 139.

Feb. 25 — Bulletin Hebdomadaire de l'Association Scientifique de France. Nos. 101, 102, 103, 104, 105, 106.

March 6 — U. S. Coast Survey Reports, 1852 to 1865 both inclusive. 14 vols. 4° cloth. Presented by the Coast Survey.

March 16 — On the Spectra of some of the Chemical Elements. By W. Huggins. 4°. From the author.

March 16 — On the Spectra of some of the Fixed Stars. By W. Huggins. 4°. From the author.

March 16 — Further Observations on the Spectra of some of the Nebulae with a Mode of determining the Brightness of these Bodies. By W. Huggins. 4°. From the author.

March 16 — Further Observations on the Spectra of some of the Stars and Nebulae, with an Attempt to determine therefrom whether these Bodies are moving towards or from the Earth; also Observations on the Spectra of the Sun and of Comet II 1868. By W. Huggins. 4°. From the author.

March 16 — On the Spectrum of the Great Nebula in the Sword-handle of Orion. By W. Huggins. 8°. From the author.

March 16 — On the Spectrum of Comet I 1866. By W. Huggins. 8°. From the author.

March 16 — On the Spectrum of a new star in Corona Borealis. By W. Huggins. 8°. From the author.

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March 16 Description of a Hand Spectrum-telescope. By W. Huggins. 8°. From the author.

March 16 On the Spectrum of Brorsen's Comet, 1868. By W. Huggins. 8°. From the author.

March 16 On the Spectrum of Mars, with some Remarks on the Colour of that Planet. By W. Huggins. 8°. From the author.

March 16 Note on the Lunar Crater Linné. By W. Huggins. 8°. From the author.

March 16 Note on the Prismatic Examination of Microscopic Objects. By W. Huggins. 8°. From the author.

March 16 A Discourse on Spectrum Analysis applied to the Heavenly Bodies. By W. Huggins. 8°. From the author.

March 17 Lehrbuch der höheren Geodäsie, von Dr. Philipp Fischer. Giessen. 8° 1 vol. Bought of B. Westermann & Co.

March 25 The Heavens. An Illustrated Handbook of Popular Astronomy. By Amédée Guillemin. Edited by J. Norman Lockyer. London 1868. 8° cloth. Bought of Sever & Francis.

April 3 The Transits of Venus 1874 & 1882. By G.B. Airy. From the Monthly Notices of the Royal Astronomical Society Vol. 29 No. 2.

April 3 Monthly Notices of the Royal Astronomical Society. Vol. 29 No. 3. Jan. 8, 1869.

April 3 American Journal of Science and Arts. Vol. 47. No. 140. March 1869.

April 3 Association Scientifique de France. Bulletin Hebdomadaire, No. 108 109, 111.

April 9 Association Scientifique de France. Bulletin Hebdomadaire No. 112.

April 9 Philosophical Transactions of the Royal Society of London. Vol. 150, Parts I & II — 151, Parts I, II, III, — 152, Parts I, II — 153, Parts I, II, — 154, Parts I, III (Part II received Feb. 1) — 155, Parts I, II, — 156, Part II (Part I received Feb. 1, 1869) — 157, Parts I, II, — 158, Parts I, II. For the years 1860 – 1868 inclusive. Bought of B. Westermann & Co.

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April 9 Proceedings of the Royal Society of London. Vols. XII to XVI inclusive, for the years 1860–1868 incl. Bound in cloth. 8°. Bought of B. Westermann & Co.

April 14 Association Scientifique de France. Bulletin Hebdomadaire, Nos. 107 110 113.

April 14 The Determination of Geographical Latitude from Observations in the Prime Vertical. By W. A. Rogers. New Haven 1869. Presented by the author.

April 20 Vierteljahrsschrift der Astronomischen Gesellschaft. III Jahrgang. Drittes und Viertes Heft. From the Association.

April 20 Neue Hülfstafeln zur Reduction der in der Histoire Céleste Française enthaltenen Beobachtungen von Dr. Friedrich Emil von Asten. Supplementheft zur Vierteljahrsschrift der Ast. Gesellschaft Jahrgang III. From the Association.

April 20 Untersuchungen über das Sonnenspectrum und die Spectren der chemischen Elemente von G. Kirchhoff. Zweiter Theil. Mit zwei Tafeln. Berlin 1863. Bought of B. Westermann & Co.

April 20 Spectraltafel nach der Originalzeichnung von G. Kirchhoff und R. Bunsen. Tafel I. Tafel II. Two large charts of solar and metallic spectra. Bought of B. Westermann & Co.

April 20 Dr. A. La Crelle's Rechentafeln welche alles Multipliciren und Dividiren mit Zahlen unter Tausend ganz ersparen, bei grösseren Zahlen aber die Rechnung erleichtern und sicherer machen. Zwölfte Stereotyp-Ausgabe mit einem Vorworte von Dr. C. Bremiker. Berlin 1864. Bought of B. Westermann & Co.

April 22 Lecture-Notes on Physics. By Alfred M. Mayer, Ph. D., Professor of Physics in the Lehigh University, Bethlehem, Pa. Philadelphia 1868. From the Author.

April 22 Bulletin Hebdomadaire de l'Association Scientifique de France. No. 114.

April 22 Repertorium für Experimental-Physik, etc. Dr. Ph. Carl. (See Feb. 25, 1869, for previous dates for title). Vierter Band 6. Heft.

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April 26 Berliner, Astronomisches Jahrbuch für 1871, mit Ephemeriden der Planeten (1) – (169) für 1869. Bought of B. Westermann & Co. Not actually received till May 20

April 26 Résumé Météorologique de l'Année 1866 pour Genève et le Grand Saint-Bernard, par E. Plantamour.
Same, for 1867.
(2 pamphlets, Geneva, 1867 & 1868. From the author.)

April 26 Oversigt over det Kongelige danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbeider i Aaret 1867.
Same for 1868. Both by J. J. Sm. Steenstrup.
(2 pamphlets. Kjöbenhavn. Pam. 4 From the Association.)

April 26 Dreiund funfzigster Jahresbericht der Naturforschenden Gesellschaft zu Emden. 1867. Von Hermann Meier, Sekretär. From the Association. Pam. 4

April 26 Zeitschrift der österreichischen Gesellschaft für Meteorologie. III Bd. Nos. 21 to 24 inc. Pam. 4

April 26 On the Preparatory Arrangements for the Observation of the Transits of Venus, 1874 and 1882. By G. B. Airy, Astronomer Royal.
From the author. Duplicate recd. April 30

April 26 Jahresbericht am 24. Mai 1867 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte.
Same, for 1868.
(2 pamphlets. St. Petersburg. Pam. 13 From the Observatory, Pulkowa)

April 26 Mélanges Mathématiques et Astronomiques tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome IV. 29 Nov. 11 Déc. 1866.
Résultats de quelques observations supplémentaires faites sur des étoiles doubles artificielles, par O. Struve. From the Pulkowa Observatory.

April 26 Tabulae Auxiliares ad Transitus per Planum Primum Verticale reducendos inservientes. Edidit Otto Struve, Specolae Pulcovensis Director. Petropoli, 1868. From the Observatory.

April 26 Proceedings of the Meteorological Society of London, Vol. IV No. 39.; and Meteorology of England during the Quarter ending Sept. 30 1868, by J. Glaisher.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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April 26 A Synopsis of all Sir William Herschel's Micrometrical Measurements and Estimated Positions and Distances of the Double Stars Described by him; together with a Catalogue of those Stars in order of R.A. for the Epoch 1880.0 so far as they are capable of Identification. By Sir J. F. W. Herschel, Bart. F.R.A.S. 136 pages 4° Stiff paper. From the author.

April 26 Sitzungs-Berichte der Gesellschaft naturforschender Freunde zu Berlin im Jahre 1868. Berlin 1869. From the Association. Pam. 9

April 26 Meteorologiske Jagttagelser paa Christiania Observatorium, 1867. From the Met. Institute of Norway.

April 26 Norsk Meteorologisk Aarbog for 1867. From the Meteorological Institute of Norway.

April 26 Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. Tome XIX - Seconde Partie. Genève 1868. From the Society. Pam. 9

April 26 Mémoires de l'Académie Impériale des Sciences de St.-Pétersbourg VIIe Série. Tome XI No. 7. Die Periodischen Erscheinungen des Pflanzenlebens in ihrem Verhältniss zu den Wärmeerscheinungen. Von Carl Linsser. From the Pulkowa Observatory.

April 29 A Treatise on Optics, by R. Parkinson, B.D. Second Edition, Revised. London & Cambridge, 1866. Bought of Dever, Francis, & Co.

April 29 Celestial Objects for Common Telescopes. By the Rev. T. W. Webb, M.A., F.R.A.S. Second Edition, revised and enlarged. London, 1868. Bought of Dever, Francis & Co.

April 30 Drawing of the Great Nebula of Orion as seen at Parsonstown from 1860 to 1867 with the 6 foot reflector. Engraved by J. Basire. Presented by Lord Rosse.

May 10 Meteorological Observations made at the Private Observatory of John Tebbutt, Junr., The Peninsula, Windsor, N.S. Wales. Presented by the author.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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May 20 — Berl. Ast. Jahrbuch 1871. See April 26.

May 24 — Am. Journal of Science and Arts, No. 141. May 1869

May 24 — Vierteljahrsschrift der Astronomischen Gesellschaft IV Jahrgang, Erstes Heft (Januar 1869.) From the Association.

May 24 — The Stars in Six Maps on the Gnomonic Projection. Published by Dean & Son, London. Issued for the Society for the Diffusion of Useful Knowledge.
Bought of B. Westermann & Co.

May 24 — Nuove Tavole dei Moti Apparenti del Sole pel Meridiano di Milano, calcolate sui più Moderni Elementi, da Francesco Carlini. Milano, 1833. 8° 116 pp. paper.
Bought of B. Westermann & Co.

May 24 — Ueber Spectralanalyse. Von Dr. F. Hoppe-Seyler. Berlin, 1868. 8° 36 pages, paper.
Bought of B. Westermann & Co.

June 3 — Astronomical and Meteorological Observations made at the U.S. Naval Observatory during the year 1866. From the Observatory.

June 3 — Note on the Heat of the Stars. By W. Huggins.
Note on a method of viewing the Solar Prominences without an eclipse. By W. Huggins.
From the author.

June 3 — Tables to facilitate the Reduction of Places of the Fixed Stars, prepared for the use of the American Ephemeris and Nautical Almanac. Navy Department 1869.
From the Nautical Almanac Office.

June 3 — Association Scientifique de France. Bulletin Hebdomadaire. Nos. 115, 117, 120.

June 5 — Planet- och Komet-Observationer, anställda År 1868 på Lunds Observatorium, Utgifna af Axel Möller. Lund, 1869. From the Observatory.

June 5 — Carl's Repertorium (for title see Feb. 25 & previous dates,) Vol. 5 Part 1. Bought of B. Westermann & Co.

June 5 — Mathematische Annalen, herausgegeben von A. Clebsch & C. Neumann. Vol. 1, Part 2. Bought of B. Westermann & Co.

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June 7 Bullettino Meteorologico del R. Osservatorio di Palermo. Vol. IV, Nos. 8 & 9. From the Observatory.

June 15 Beobachtungen des meteorologischen Observatoriums auf dem Hohenpeissenberg, von 1851–1864. VII. Supplementband zu den Annalen der Münchener Sternwarte. Von Dr. J. v. Lamont. 8°, paper. 210 pages. Munich, 1868. From the Observatory.

June 15 Monatliche und jährliche Resultate der an der königlichen Sternwarte bei München von 1857 bis 1866 angestellten meteorologischen Beobachtungen. VI. Supplementband zu den Annalen der Münchener Sternwarte. Von Dr. J. v. Lamont. 8°, paper. 216 pages. Munich 1868. From the Observatory.

June 15 An Account of the Observations on the Great Nebula in Orion, made at Birr Castle, with the 3-feet and 6-feet Telescopes, between 1848 and 1867. With a drawing of the Nebula. (This drawing is in a case separate from the pamphlet, but the pamphlet contains a drawing of the Huggenian region, and a chart.) By Lord Oxmantown. From the Phil. Trans. Read June 20, 1867. From the author.

June 15 Association Scientifique de France. Bulletin Hebd. No. 122 30 Mai 1869.

June 23 Researches on the Solar Spectrum and the Spectra of the Chemical Elements. By G. Kirchhoff. Second Part. Translated by Henry E. Roscoe. With two plates. Cambridge & London, 1863. 4°, stiff paper. Bought of B. Westermann & Co.

June 23 Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read at the Annual Visitation of the Royal Observatory 1869 June 5. 4° 24 pages. From the Greenwich Observatory.

June 24 Spectre Normal du Soleil, par A. J. Angström. Atlas, contenant les longueurs d'onde des raies Fraunhoférienne données en $\frac{1}{10,000,000}$ de millimètre. Berlin, 1869. Bought of B. Westermann & Co.

June 24 Recherches sur le Spectre Solaire, par A. J. Angström. Berlin. 1869. Bought of B. Westermann & Co.

June 24 Spectrum Analysis. By Henry E. Roscoe. London, 1869. 8°. 348 pages. Bought of B. Westermann & Co.

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June 26 Auseinandersetzung einer zweckmässigen Methode zur Berechnung der absoluten Störungen der kleinen Planeten. By P. A. Hansen. Parts 1 & 2 (Part 3 received Dec. 15, 1868.) Bought of B. Westermann & Co. Part 1, 218 pages, Leipzig, 1856. Part 2, 148 pages, Leipzig, 1857.

June 26 Instruction Ratique sur l'Analyse Spectrale, par M. Louis Grandeau. 8°. 80 pages & plates. Paris, 1863. Bought of B. Westermann & Co.

June 26 The American Year Book and National Register for 1869. Vol. I. 8°. 824 pages. Hartford, 1869. Bought.

June 30 Proceedings of the Meteorological Society. Vol. 4, Nos. 40, 41.

June 30 Meteorology of England for quarter ending Dec. 31 1868. 8 pages.

June 30 Sitzungsberichte der königlichen bayerischen Akademie der Wissenschaften zu München. 1868. II. Heft III, IV. From the Academy.

June 30 Supplementband zu den Annalen der Münchener Sternwarte. VI & VII. 2 copies of each. From the Munich Academy. Same works with those received June 15 from the Observatory.

July 3 Berliner Astronomisches Jahrbuch für 1871. Duplicate, bought of Sever & Francis.

July 3 Bulletin Hebdomadaire No. 124. Ass. Scient. de France.

July 3 Reports of the Director of the Cincinnati Observatory, 30 June 1868 & 1 May 1869. 1 pamphlet, 48 pages. From the Cincinnati Observatory.

July 16 Note sur les étoiles filantes du mois de Novembre 1868 par M. Ad. Quetelet. 1 Copy. From the author.

July 16 Progrès des Travaux Statistiques, par M. A. Quetelet. 12 copies. From the author.

July 16 Notices extraites de l'annuaire de l'Observatoire royal de Bruxelles pour 1869. Par le Directeur A. Quetelet. 1 Copy. From the author.

July 16 Taille de l'Homme à Venise jusqu'à l'âge de vingt ans. Communication par M. A. Quetelet. 1 Copy. From the author.

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July 16 Observations des phénomènes périodiques pendant les années 1865 et 1866. From the Brussels Observatory. 2 copies.

July 16 Annales Météorologiques de l'Observatoire Royal de Bruxelles. Deuxième Année. Bruxelles, 1868. From A. Quetelet. 2 copies.

July 16 Physique Sociale, ou Essai sur le Développement des Facultés de l'Homme, par Ad. Quetelet. Tome 1. 2 copies. From the Brussels Observatory.

July 16 Sur la Différence de longitude entre les Observatoires de Leyde et de Bruxelles, au mois d'août et de Septembre 1868.
Sur les chutes d'aérolithes en 1868.
Météore Observé à Bruxelles dans la nuit du 7 au 8 octobre 1868
Etoiles filantes, au mois d'août 1868.
Orages observés en Belgique en 1868.
By Ad Quetelet. From the author.

July 19 Bulletin Hebdomadaire de l'Association Scientifique de France. Nos. 126, 127.

July 20 Carl's Repertorium für Experimental-Physik, etc. V Bd. 2. Heft.

July 26 Bulletin Hebdomadaire de l'Association Scientifique de France. No. 128.

July 29 American Journal of Science and Arts. Vol 48. No. 142.

Aug. 16 Bulletin Hebd. de l'Assoc. Scient. de France. Nos. 130, 131.

Aug. 16. Whitall's Movable Planisphere. Presented by the Author.

Aug. 17 Leipzig "Mathematische Annalen". Vol. 1. Part 3 & 4.

Aug. 17 Tafeln der Pomona, mit Berücksichtigung der Störungen durch Jupiter, Saturn und Mars. Berechnet von Dr. Otto Lesser. Publication der Astron. Gesellschaft. From the Society.

Aug. 17 Beiträge zur Kenntniss der Flammenspectra kohlenstoffartiger Gase. Von Andreas Zielegg. Bought of B. Westermann & Co.

Aug. 17 Mémoire sur la Conservation de la Force, précédé d'un exposé élémentaire de la transformation des forces naturelles, par H. Helmholtz; traduit de l'allemand par Louis Rérard. Paris 1869. Bought of B. Westermann & Co.

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1869
Aug. 17 Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. 1835 to 1863, 57 vols. Bought of B. Westermann & Co.

Aug. 30 Proceedings of the Meteorological Society. London. Vol. IV, Nos. 42, 43. From the Society.

Aug. 30 Sitzungsberichte der königlichen bayerischen Akademie der Wissenschaften zu München. 1869 I. Heft I, II. From the Academy.

Aug. 30 Annalen der k. k. Sternwarte in Wien. Dritter Folge. Fünfzehnter Band. Jahrgang 1865. From the Observatory.

Aug. 30 Beiträge zur Kenntniss der Sternschnuppen. Von Dr. Edmund Weiss. From the author. (Pamphlet; from the Academy's Proceedings.)

Aug. 30 Berichte der zur Beobachtung der totalen Sonnenfinsterniss des Jahres 1868 nach Aden unternommenen österreichischen Expedition.
Erster Bericht. Beobachtungen des Leiters der Expedition Dr. Edmund Weiss während der Finsterniss.
Zweiter Bericht. Von Dr. Th. Oppolzer.
Vierter Bericht. C. v. Littrow's Methode der Zeitbestimmung durch Circummeridianhöhen in ihrer praktischen Anwendung.
Fünfter Bericht. Beitrag zur Klimatologie von Aden. Von Dr. Edmund Weiss.
(4 pamphlets; from the Austrian Expedition.)

Aug. 30 Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read at the Annual Visitation of the Royal Observatory, 1869, June 5.
From the Observatory. Duplicate recd. June 23.

Aug. 30 Annales de l'Observatoire Impérial de Paris, publiées par U. J. Le Verrier, Directeur.
Mémoires. Tome IX. 1868. From the Observatory.

Aug. 30 Atlas des Mouvements Généraux de l'Atmosphère. Année 1865. Janvier-Février-Mars. From the Paris Observatory.

Aug. 30 Atlas Météorologique de l'Observatoire Impérial. Année 1867. From the Paris Observatory.

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Sept. 18 Carl's Repertorium, etc. (see Feb. 25.) V. Band. 3 Heft.

Sept. 18 Annales de l'École Normale Supérieure. Par M. L. Pasteur. Tome Quatrième. Année 1867. 353 pages. Paris, 1867. Bought of B. Westermann & Co.

Sept. 18 Monthly Notices of the Royal Astronomical Society. Vol XXIX. June 11, 1869. No. 8.

Sept. 18 Association Scientifique de France. Bulletin Hebdomadaire No. 134. 22 août 1869.

Sept. 18 American Journal of Science and Arts. Vol. XLVIII. Sept. 1869. No. 143.

Sept. 21 Association Scientifique de France. Bulletin Hebdomadaire No. 136. 5 Septembre 1869.

Sept. 21 Bullettino Meteorologico del R. Osservatorio di Palermo. No. 6 – Vol. V. Giugno, 1869.

Sept. 21 Chambers' Descriptive Astronomy. Oxford 1867. 1 vol. 8°. 816 pages. Bought.

Sept. 28 Bulletin Hebdomadaire de l'Association Sc. de France. No 137.

Sept. 30 Carl's Repertorium, etc. (see Feb. 25.) V Band. 4. Heft.

Oct. 5 Bulletin Hebdomadaire de l'Asso. Scient. de France. Nos. 99, 116, 118, 119.

Oct. 5 Monthly Notices of the Royal Astronomical Society. Vol. XXIX, Nos. 4, 5, 6.

Oct. 5 Bericht der königlichen Sternwarte zu Berlin für das Jahr 1866 erstattet von dem Direktor Prof. W. Foerster. (From Prof. Winlock.)

Oct. 5 The Internal Motions of Gases compared with the Motions of Waves of Light. By G. Johnstone Stoney. (From Prof. Winlock.)

Oct. 7 Bulletin Hebdomadaire, etc. No. 138.

Oct. 8 Annual Report of the Cochituate Water Board to the City Council of Boston for the year 1866.

Oct. 15 Bulletin de l'Observatoire météorologique de Montsouris, from the beginning, July 1, 1869, to Aug. 13. Received from the Observatory, through Prof. H. A. Newton. Lithographed sheets, one for each day.

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Oct. 19 Report of the Meeting of the British Assoc. for the Advancement of Science, held at Norwich, 1868. From the Association, directed to G. H. Bond.

Oct. 19 Oversigt over det Kongelige danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbeider i Aaret 1867 No. 7. 1868, No. 3 og 4. 1869, No. 1.

Oct. 26 Association Scientifique de France. Bulletin Hebdomadaire No. 141

Oct. 26 Examen de la Discussion soulevée au sein de l'Académie des Sciences au sujet de la Découverte de l'Attraction Universelle. Par M. Le Verrier. From the author. Extract from the "Comptes Rendus". Paper, 92 pp. 4°.

Oct. 29 Eleven large charts of the Coast and Territory of Portugal. From the Lisbon Observatory.

Oct. 29 Rapport sur les Travaux Géodésiques du Portugal et sur l'État actuel de ces mêmes Travaux, pour être présenté à la Commission Permanente de la Conférence Internationale. Lisbonne, 1868.
Pamphlet 20 pages. From the Lisbon Observatory.

Oct. 29 Commissão Geologica de Portugal. Estudos Geologicos
Descripção do Solo Quaternario das Bacias Hydrographicas do Tejo e Sado. Por Carlos Ribeiro. 1° Caderno:—paginas 1 – 164 e 1 estampa. Lisboa, 1866.
Da Existencia do Homem no nosso Solo, em tempos mui remotos, provada pelo Estudo das Cavernas. Primeiro Opusculo. Noticia ácerca das Grutas da Cesareda. Por J. F. N. Delgado. Lisboa 1867. 127 pages; 3 plates.
From the Lisbon Observatory.

Oct. 29 Radcliffe Observations 1866. Vol. XXVI. 1 vol. cloth.
From the Radcliffe Observatory.

Oct. 30 Monthly Notices of the Royal Astronomical Society. Vol. XXIX. May 14, 1869. No. 7

Oct. 30 The Total Eclipse of Aug. 7, 1869. Report of Prof. Alfred M. Mayer, Ph. D. Pamphlet 27 pages.
From the author.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1869 Nov. 5 Latitude and Declination Tables by Major Gen. R. Shortrede. Bought.

Nov. 5 Association Scientifique de France. Bulletin Hebdomadaire No. 142.

Nov. 5 Bulletin of the Public Library of the City of Boston. October 1869. No. 11 From the Library.

Nov. 6 Association Scientifique de France. Bulletin Hebdomadaire. No. 135, 139, (Some pages missing from the last,) 143.

Nov. 6 Carl's Repertorium (see Feb. 25 & former dates.) V. Band. 5. Heft.

Nov. 6 Dublin Magnetical and Meteorological Observations. Vol. II 1844-1850. Presented to Prof. Bond by Provost & Senior Fellows of Trinity College.

Nov. 6 F. C. Penrose on a Method of Predicting by Graphical Construction Occultations of Stars by the Moon, and Solar Eclipses, for any given Place, together with more rigorous methods of reduction for the Accurate Calculation of Longitude. London 1869. 4°, cloth. 50 pages. From the author.

Nov. 11 Anuario del Observatorio Fisico-meteorico de la Habana. Publicado por D. Andres Poëy. Año Primero. 1862. Tomo I. Barometria. Habana, 1869. Large 8° pamphlet, 14 pages. Presented by Prof. Agassiz.

Nov. 11 Relacion del gran Terremoto acaecido el 13 y 16 de agosto de 1868 en las Repúblicas del Perú, de Chile y del Ecuador. Por D. Andres Poëy. Habana, 1868. Pamphlet 8° 16 pages. Presented by Prof. Agassiz.

Nov. 24 Association Scientifique de France. Bulletin Hebdomadaire. Part of No. 140. No. 144. Remainder of No. 146. Part of No. 139. Nos. 121, 145.

Dec. 11 Atlas des Mouvements Généraux de l'Atmosphère. Année 1865. Avril-Mai-Juin. From the Paris Observatory.

Dec. 11 Atlas Météorologique de l'Observatoire Impérial. Année 1868. From the Paris Observatory.

Dec. 11 Analyse Infinitésimale des Courbes tracées sur une surface quelconque: par M. l'abbé Aoust. Paris 1869. From the author (presumably).

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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1869
Dec. 11 Verzeichniss von 6323 teleskopischen Sternen zwischen +3° und +9° Declination. VIII. Supplementband zu den Annalen der Münchener Sternwarte. From the Observatory.

Dec. 11 Verbesserungen zu den Declinationen des "Verzeichnisses von 9412 Aequatorial-Sternen zwischen +3° und −3° Declination" V. Supplementband zu den Annalen der Münchener Sternwarte. From the Observatory.

Dec. 11 Materyały do Klimatografii Galicyi zebrane przez Obserwacye Meteorologiczne. Rok 1867. Rok 1868. Kraków, 1868, 1869. From the Cracow Observatory.

Dec. 11 Proceedings of the Meteorological Society. 1869, June 16. Vol. IV No. 44. London, published 1869 August. From the Society.

Dec. 11 Meteorology of England during the quarter ending June 30, 1869. 8 pages. From the Met. Society.

Dec. 18 Comptes Rendus des Séances de l'Académie des Sciences Vols. 57–67. Bound volumes. Bought of B. Westermann & Co.
Same, Vol 68; & 69 1–18. Bound in paper.

Dec. 18 Stars in Six Maps on the Gnomonic Projection. Colored. Bought of B. Westermann & C.

Dec. 18 Chacornac's Atlas Écliptique: Plates 1ª 1, 4, 13, 22, 26, 27, 28, 29, 30, 34, 50, 51, 61, 63, 64, 64'ª, 72. Bought of B. Westermann & Co.

Dec. 18 Huggins' Spectral analyse. With notes by Klinkerfues. Bought of B. Westermann & Co. Pamphlet.

Dec. 18 Gauss's Works Vol. II III V. Bought of B. Westermann & Co.

Dec. 18 Argelander's Astronomische Beobachtungen Vol VII part 2. From the Bonn Observatory.

Dec. 18 American Journal of Science & Arts. Nov. 1869. Vol 48 No 144.

Dec. 27 Description of the Great Melbourne Telescope. From the Phil. Trans. Pam. 34 pages; 8 plates. Presented by T. R. Robinson.

Dec. 27 Greenwich Astronomical Results. 1867.

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Dec. 21 Recherche d'une nouvelle Planète ultraneptunienne. Designée sous le nom de Pie IX, par M. l'abbé Vassart, Cambrai, 1869. Pamphlet 30 pages. From the author

Dec. 27 Untersuchungen über die Beobachtungen von Bessel und Schlüter am Königsberger Heliometer zur Bestimmung der Parallaxe von 61 Cygni. Von A. Auwers. Berlin, 1868. From the Proceedings of the Berlin Academy. Paper; 118 pages. Presented by the author (?)

Dec. 27 Annales de l'Observatoire Physique Central de Russie, publiées par H. Wild, membre de l'Académie Impériale des Sciences et directeur de l'Observatoire Physique Central. Année 1865. St. Petersbourg, 1869. Boards, 322 pages. From the Observatory.

Dec. 27 Results of the Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, 1867. Reduction of the Greenwich Magnetic Observations 1858 to 1863. Extracted from the Greenwich Observations 1867. From Greenwich.

Dec. 27 Greenwich Observations, 1867.

Dec. 27 Association Scientifique de France. Bulletin Hebdomadaire 146, 147, 148, 149, 150.

Dec. 27 Amount of Rain at several stations during the storm ending in Massachusetts on Monday Oct. 4 1869. From J. B. Francis. 4 pages.

Dec. 29 Mathematische Annalen. (Clebsch & Neumann.) II Band. 1 Heft. (Bought of B. Westermann & Co.)

Dec. 30 Comptes Rendus (Paris.) Vol. 69 Nos. 20, 21. Bought of B. Westermann & Co.

Dec. 30 A Treatise on Meteorology with a collection of Meteorological Tables. By Elias Loomis, LL.D. New York, 1868. 308 pages. sheep. Bought of Seven, Francis & Co.

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Jan. 1 Almanaque Nautico para 1871, calculado de órden de la Superioridad en el Observatorio de Marina de la ciudad de San Fernando. Cadiz 1869. From the Observatory.

Jan. 4 Berlin Commission on the Transit of Venus. Report of Proceedings. Lithographed sheets. From the Commission.

Jan. 12 35ter Jahresbericht des Mannheimer Vereins für Naturkunde. Pamphlet 73 pages. From the Association.

Jan. 12 Observations de Poulkowa, publiées par Otto Struve, Director de l'Observatoire Central Nicolas. Vols. 1 & 2. Observations faites à la Lunette Méridienne. From the Observatory.

Jan. 12 Jahresbericht am 5 Juni 1869 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. Aus dem Russischen übersetzt.

Jan. 12 Über eine Methode die Störungen eines Cometen vermittelst rasch convergirender Ausdrücke darzustellen. Von Dr. Hugo Gyldén. Pamphlet 56 pages. From the Pulkowa Observatory.

Jan. 12 Studien und Messungen an einem Zöllnerschen Astro-Photometer, von Dr. P. G. Rosén. Pamphlet 39 pages. From the Pulkowa Observatory.

Jan. 12 Untersuchungen über die Constitution der Atmosphäre und die Strahlenbrechung in derselben. Zweite Abhandlung. Von Dr. H. Gyldén. Pamphlet 58 pages. From the Pulkowa Observatory.

Jan. 12 Untersuchungen über die periodischen Lebenserscheinungen der Pflanzen. Zweite Abhandlung. Von Carl Lindsen. Pamphlet 87 pages. From the Pulkowa Observatory.

Jan. 12 Beobachtungen des grossen Cometen von 1861. Von Otto Struve. Pamphlet 46 pages. From the Pulkowa Observatory.

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Jan. 12 Tabulae Quantitatum Besselianarum pro annis 1750 ad 1840 computatae. Edi curavit et praefatus est Otto Struve. Pamphlet 107 pages. From the Pulkowa Observatory.

Jan. 12 Ascensions droites moyennes des Étoiles principales pour l'époque 1845.0 déduites des Observations faites à la Lunette Méridienne de Poulkova dans les années 1842–1853. Pamphlet 24 pages. From the Pulkowa Observatory.

Jan. 12 Effemeridi Astronomiche di Milano per l'anno 1868. From the Milan Observatory. Same for 1869.

Jan. 12 Sulle Variazioni periodiche del Barometro nel clima di Milano. Memoria di G. V. Schiaparelli e G. Celoria, Astronomi della Specola Reale di Brera in Milano. From the Milan Observatory. Pamphlet 31 pages.

Jan. 12 Sitzungsberichte der königlichen bayerischen Akademie der Wissenschaften zu München, 1868 I Heft. IV. 1868 II Heft. I, II. From the Academy. Also 1869 I Heft III.

Jan. 12 Association Scientifique de France. Bulletin Hebd. No 152.

Jan. 12 Vierteljahrsschrift der Astronomischen Gesellschaft. IV. Jahrgang. Heft. 2, 3. From the Society.

Jan. 12 Catalogo delle Stelle di cui si è determinato lo spettro luminoso all' Osservatorio del Collegio Romano, dal P. A. Secchi. Bought of B. Westermann & Co. Pamphlet 32 pages. (Returned to B. W. & Co.)

Jan. 20 C. A. Young on a new method of observing Contacts at the sun's limb, and other Spectroscopic observations during the recent Eclipse. 8 pages. From Prof. Young.

Jan. 20 Observations on the Solar Prominences. By Prof. C. A. Young. 9 pages & a plate. From the author.

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Feb. 7 — Comptes Rendus des Séances de l'Academie des Sciences, Paris. Vol. 69, No. 25, 26. Vol. 70, No. 1. From B. Westermann & Co.

Feb. 7 — Transactions of the Chicago Academy of Sciences. Vol. 1 Part 2. From the Academy.

Feb. 7 — Koninklijke Akademie, Amsterdam
Jaarboek voor 1868
Verslagen en Mededeelingen. 2de Reeks, Deel 3.
Processen Verbaal, Afd. Natuurkunde. Mei 1868–April 1869.
From the Academy.

Feb. 11 — Collezione delle Opere del celebre Prof. L. Galvani
Aggiunta alla detta Collezione
From the "Accademia delle Scienze dell' Istituto di Bologna". (Sent to Harvard College Library together with other works, which were retained there, and this one transferred to the Phillips Library)

Feb. 12 — Berliner Astronomisches Jahrbuch für 1872.
Bought of B. Westermann & Co.

Feb. 12 — Royal Society's Catalogue of Scientific Papers.
Vols 1, 2, 3. Bought of B. Westermann & Co.

Feb. 12 — Phil. Transactions, Vol. 159 Part 1. Bought.

Feb. 12 — Verhandlungen der Kaiserlich-Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher. Vols. 28, 29. Containing papers by Mädler on eclipses. Bought of B. Westermann & Co.

Feb. 12 — Geographische und Astronomische Beschreibung der entsetzlichen, grossen Sonnenfinsterniss welche in diesem 1715ten Jahr den 3 May wird zu sehen seyn. Leipzig, 1715. Small tract 8 pages 1 plates. Bought of B. Westermann & Co.

Feb. 25 — Astronomical Observations made at the Williamstown Observatory (Melbourne) in the years 1861 1862 & 1863.
From the Melbourne Observatory.

Feb. 25 — Norsk Meteorologisk Aarbog for 1868. From the Met. Institute of Norway.

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1870
Feb. 25 — List of scientific & literary institutions in Norway. From the Christiania University.

Feb. 25 — Meteorologiske Meddelelser af H. Mohn og C. de Seue. From the Christiania University.

Feb. 25 — Micrometric Examination of Stellar Cluster in Perseus, by C. A. L. Pihl. From the Christiania University. Pamphlet 42 pages.

Feb. 25 — Sitzungsberichte der königlichen bayerischen Akademie der Wissenschaften zu München. 1869 I. Heft 4. 1869 II Heft 1, 2. From the Academy.

March 4 — Die Spectralanalyse in ihrer Anwendung auf die Stoffe der Erde und die Natur der Himmelskörper. Gemeinfasslich dargestellt von Dr. H. Schellen. 452 pages. Braunschweig 1870. Bought of B. Westermann & Co.

March 4 — Memoirs of the Literary and Philosophical Society of Manchester. 3d Series. 3d Volume. London, 1868. Bought of B. Westermann & Co. 313/4
(Containing a catalogue of binary stars.)

March 4 — Observaciones Meteorológicas hechas en el Observatorio Astronómico de Santiago, i en el Faro de Valparaiso. Por José I. Vergara. 1866, 1867, 1868. 2 copies of each (6 pams.) From the Santiago Observatory.

Received since August 31 1869

24 books, 14 as gifts, 10 purchased.
67 pamphlets, mostly gifts.
11 charts from Lisbon Observatory
6 star maps, bought

Periodicals. (see pages near end of this book.)

Carl's Repertorium	3	nos.	(bought)
Monthly Notices	5 +	nos.	
Bulletin Hebd. de l'Ass. Sc.	23 +	nos.	
Am. Journal of Science	2 +	nos.	(bought)
Proceedings of Met. Society	1 +	nos.	
Comptes Rendus 11 vols.	5	nos.	(bought)
Math. Annalen	1	no.	(bought)
Phil. Trans.	1	no.	(bought)

Receipt of gifts acknowledged March 5 1870.

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1870

March	7	Memoir of the Life of John Quincy Adams. By Josiah Quincy, L.L.D.	Boston 1859.	10
	19	Materyały do Klimatografii Galicyi zebrane przez Lecheye Meteorologiczną Rok 1867 Rok 1868	Krakow 1868 & 1869. Duplicates received Dec. 11 1869.	11
	19	Mittlere Temperatur zu Krakau nach 40 jährigen Beobachtungen 1826–1865 von Dr. Franz Karlinski, Director der Sternwarte	Wien 1868.	11
	31	Four photographs of the moon & two of the Spectrum		11
	31	Reports on Observations of the Total Eclipse of the Sun, Aug. 7, 1869 conducted under the direction of Com. B. F. Sands, U.S.N., Supt. of the U.S. Naval Observatory.	Washington 1869	11
	31	Meteorological and Chronological Register: from a Personal Diary of the Author from 1806 to 1869. With an Appendix. By Leonard Hill	Plymouth 1869	11
April	1	Discussion of the Meteorological and Magnetical Observations made at the Flagstaff Observatory, Melbourne, during the years 1858–1863. By G. Neumayer, Ph. D.	Mannheim 1867	11
April	12	Verzeichniss sämmtlicher von der Kais. Akademie der Wissenschaften seit ihrer Gründung bis letzten October 1868 veröffentlichten Druckschriften.	Wien 1869.	11
April	14	Beiträge zur Theorie der Sinneswahrnehmung. Von Dr. Wilhelm Wundt.	Leipzig & Heidelberg 1862	11
April	14	Die Sinneswahrnehmung in ihren physiologischen und psychologischen Gesetzen. Eine physiologische Grundlage der Anthropologie. Von Heinrich Böhmer Dr. med.	Erlangen 1868	11
April	14	Zur Anatomie und Physiologie der Retina. Von Max Schultze.	Bonn 1866	12
April	14	Physiologie der Netzhaut. Von Dr. Hermann Aubert.	Breslau 1865.	12
April	14	Physiologische Untersuchungen über das Sehen mit zwei Augen. Von Dr. P. L. Panum.	Kiel 1858	12
April	14	Astronomische Mittheilungen von der königl. Sternwarte zu Göttingen Erster Theil. (Star catalogue, Bonn zones –0°–1°.)	Herausgegeben von der königl. Gesellschaft der Wissenschaften zu Göttingen. Göttingen 1869	12
April	14	Reden und Abhandlungen über Gegenstände der Himmelskunde von Dr. J. H. von Mädler.	Berlin 1870	12

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No.	Dimens. & no. pages	Bound. swd. or pamph.	Place in libr.	Gift or purchase	From whom	Date of acknowledgm. of receipt
109	9 X 6 429	B 25	33	G.	Miss E. S. Quincy	March 7 1870
110	9 X 6 200 &	B 68, 69	Pam. 13	G.	K. K. Sternwarte, Krakau	May 19 1870
111	253					
112	12 X 9 1/2 14	S. 70	Pam. 1	G	— " — — " — — " —	May 19 1870
113			Clock Room Drawers	G.	L. M. Rutherfurd	March 31 1870
114	11 1/2 X 9 1/2 214	B 26	22	G.	Naval Observatory	
115	8 X 5 1/2 396	B. 27	53	G.	E. J. Young	March 31 1870
116	12 1/2 X 10 203 & several plates	B. 28	I	G.	Government of Victoria (Melbourne Observatory)	May 19 1870
117	7 1/2 X 5 300	S. 71	Pam. 13	G.	B. Westermann & Co.	
118	8 X 5 1/2 451	S. 72	35	P.	B. Westermann & Co.	
119	9 X 5 1/2 753	S. 73	35	P.	B. Westermann & Co.	
120	9 1/2 X 6 1/2 112	S. 74	35	P.	B. Westermann & Co.	
121	9 1/2 X 6 1/2 394	S. 75	35	P.	B. Westermann & Co.	
122	11 X 9 94	S. 76	35	P.	B. Westermann & Co.	
123	10 1/2 X 8 1/2 147	S. 77	35	G.	Göttingen Observatory	May 19 1870
124	9 X 6 527	S. 78	35	P.	B. Westermann & Co.	

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1870				
April	14	Lehrbuch zur Bahnbestimmung der Kometen und Planeten, von Theodor Oppolzer. Erster Band.	Leipzig 1870	120
April	19	Logarithmic Tables to Seven Places of Decimals; containing Logarithmic Sines & Tangents to every Second of the Circle, with Arguments in Space and Time. By Robert Shortrede	Edinburgh 1858	12
April	20	Tables of Harmonia, by E. Schubert. Computed for the American Ephemeris & Naut. Almanac.	Washington 1869	12
April	23	American Ephemeris & Naut. Almanac for 1872	Washington 1870	12
May	5	G. Karsten, Allgemeine Encyklopädie der Physik. Vols. 1, 2, 9, 15, 19, 20, 21, & Atlas to 21 (bound) Part of Vol. 3	Leipzig (various dates) 21 vols. in the work as planned.	12
May	5	Ueber das Schlussverfahren des Schactes. August Cassau	Rostock 1863	13
May	5	British Association's Catalogue of Stars	London 1845	13
May	5	Joannis Keppleri Astronomi Opera Omnia Edidit Dr. Ch. Frisch. Volumen VIII. 1.	Frankfort 1870	13
May	14	Versuche über den zeitlichen Verlauf der Willensbewegung. Inaugural-Dissertation zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Praesidium von Dr. Carl v. Vierordt o. ö. Professor der Physiologie, Vorgelegt von Wilhelm Cameerer aus Stuttgart.	Tübingen 1866.	13
May	14	Seconde Note sur de nouvelles illusions d'Optique. Essai d'une Théorie Psychophysique de la manière dont l'oeil apprécie les grandeurs; par M. J. Delboeuf.	Extrait des Bulletins de l'Académie Royale de Belgique 2me série tome xx no. 6.	13
May	17	Recherches sur le Magnétisme Terrestre par D. Diamilla-Muller, Ingégnieur Civil, Membre de la Société Météorologique de France.	Turin & Florence 1870 Reprint of memoirs submitted to the French Academy of Sciences in 1854	13
May	20	Bullettino Meteorologico del R. Osservatorio di Palermo. Vol. V No. 4 & 5. April & May 1869.		
May	27	Planet- och Komet-Observationer anställda År 1869 på Lunds Observatorium. Utgifna af Axel Möller.	Lund 1870	13
June	30	Sugli Spettri Prismatici dei Corpi Celesti. Memorie del R. P. A. Secchi.	Roma 1868	13
July	7	Mémoires de la Société Impériale des Sciences Naturelles de Cherbourg, publiés sous la direction de M. le Dr. Auguste Le Jolis, Archiviste-Perpetuel de la Société, Vols. 13 & 14.	Paris & Cherbourg 1868, & 1869	138 139
July	7	Astronomische Mittheilungen von Dr. Rudolf Wolf.	(Loose sheets, Nov. 1869)	14
July	7	Moutoni's Bulletins (& Periodicals)		
		St. Petersburg Repr. für Mat. (")		
		Munich Annals from Obs. & Acad (")		
		Oversight Vid. Selsk. (")		
		Berlin Sitzungsberichte (")		

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125	11½ 7½ 353	S.79	35	P.	B. Westermann & Co.		
126	10½ 7½ 602	B29	35	P.	Sever Francis & Co.		
127	11½ 9½ 37	S.80	Pam. 3	G.	Naut. Almanac Office	April 23	1870
128	10 7 516	S.81		G	" " "	" "	"
129	9 6½ Atlas 14½ 13	B 30 to 36 S.82		P.	B. Westermann & Co.		
130	9 5½ 76	S.83	35	P.	" " "		
131	11½ × 9 444	B 38		P.	" " "		
132	10 7 56½	S.84	35	P.	" " "		
133	8 5 47	S85	35	P	" " "		
134	8½ 5½ 29	S.86	35	P	" " "		
135	13 9½ 32	S. 87	Pam 1	G.	D. Djamilla Muller Ing. Civil 2 Place du Dome, Florence, Italie	May 19	1870
			Pam 1	G.	Palermo Observatory	July 7	1870
136	10½ 8 100	S 88	Pam. 13	G.	Lund Observatory	July 7	1870
137	9 6 About 150	S 89	Pam. 4	P.	B. Westermann & Co.		
138 139	9½ 6½ 360 & 384	S. 90 91	Pam. 9	G.	Cherbourg Society of Nat. Sciences Address M. le Président de la Société Sup. &c under cover if books are sent to "Son Excellence Monsieur le Ministre de l'Instruction Publique a Paris." Send by French Legation.	July 7	1870
140	6½ 5½ 50	S. 92	Pam. 4	G.	Dr. R. Wolf, through Dr. Flügel, Leipzig.	July 7	1870
						July 7	1870
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						July 7	1870
						July 7	1870

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1870 July	7	Mélanges Physiques et Chimiques tirés du Bulletin de l'Ac. Imp. des Sciences, St. Petersbourg. Vorschläge betreffend die Reorganisation des meteorologischen Beobachtungssystemes in Russland. 20 Mai / 1 Juni 1869.	Report of a Committee of the Academy.	1
July	7	Verzeichniss der an der k. Sternwarte bei München in den ersten 50 Jahren ihres Bestehens erschienenen Publicationen	Years 1820–1869.	14
July	7	Fortegnelse over de af det Kongelige danske Videnskabernes Selskab udgivne Skrifter, som kunne erholdes i Boghandelen.	No covers	14
July	7	Denkschrift auf Carl Friedrich Phil. von Martius. Von C. Meissner	München 1869	14
July	7	Second Radcliffe Catalogue, containing 2386 Stars; deduced from Observations extending from 1854 to 1861 at the Radcliffe Observatory Oxford; and reduced to the Epoch 1860. Under the Superintendence of Rev. Robert Main M.A. Radcliffe Observer.	Oxford 1870	14
Aug.	30	A Manual of Machinery and Millwork. By W. J. Macquorn Rankine.	London 1869	1
Aug.	30	An Elementary Treatise on Quaternions by P.G. Tait.	Oxford 1867	1
Aug.	30	Notions d'Astronomie Descriptive, par M. Guirandet.	Paris. (Part of a series "Enseignement Special et Professionel")	1
Aug.	30	Abriss seiner Theorie der complexen Functionen und der Thetafunctionen einer Veränderlichen, von Dr. J. Thomae, Docent in Halle.	Halle 1870	1
Aug.	30	Note sur certaines illusions d'optique. Essai d'une Théorie psychophysique de la manière dont l'oeil apprécie les distances et les angles: par M. J. Delboeuf.	From Bulletins of R. Acad. of Belgium 2d ser. vol XIX no. 2. (Continuation of same received May 14, 1870.)	1
Aug.	30	Astronomical Observations taken during the years 1865–69 at the Private Observatory of Joseph Gurney Barclay, Esq., F.R.A.S., Leyton, Essex. Vol. II	London 1870	1
Aug	30	Report on Diff. Long. between Washington & Havana. By W. Harkness	Washington 1870.	1
Aug	30	Catalogue of 151 Stars in Praesepe. By Asaph Hall.	Washington 1870	1
Aug.	30	A Hand Atlas showing all the Stars visible to the naked eye & fifteen hundred objects of interest in twelve circular maps on the equidistant projection: by R. A. Proctor.	London 1870	1

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141	9 5½ 20	J.93	Pam. 1	G.	Cent. Phys. Obs. St. Petersburg Dr. H. Wild Director.	July 7	1870
142	8½ 5½ 17	J 94	Pam. 13	G.	Munich Observatory	July 7	1870
143	9 5½ 8	J 95	Pam. 13	G.	Kidansk. Selskab	July 7	1870
144	10½ 8½ 28	J. 96	Pam. 13	G.	Munich Academy	July 7	1870
145	10½ 6½ 139	B. 39	3 1 b	G.	Radcliffe Observatory	July 7	1870
146	7½ 5 578	B 40	1 8 a	P.	Lever, Francis & Co.		
147	9 6 320	B. 41	1 6	P.	Lever, Francis & Co.		
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150	8½ 5½ 24	J. 99	3 5	P.	B. Westermann & Co.		
151	11 8½ 125	J. 100	3 2 a	G.	J. G. Barclay Receipt to be acknowledged to C. G. Talmage, Dayton.	Aug. 30	1870
152	11½ 9 54	J. 101	Pam. 4	G.	J. Winlock		
153	11½ 9 38	J. 102	Pam. 4	G.	J. Winlock		
154	15 10	B 42	3 1 b	P.	Work sold by subscription		

End of College Year 1869–70.

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College Year 1870–71.

1870 Sept.	1	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory Greenwich, read at the Annual Visitation of the Royal Observatory June 4.	no covers
Sept.	1	Materyały do Klimatografii Galicyi zebrane przez Sekcyę Meteorologiczną. Rok 1869	Cracow 1870
Sept.	1	Jahresbericht des Physikalischen Central-Observatoriums für 1869. Der Akademie abgestattet von H. Wild Director.	St. Petersburg 1870
Sept.	1	Résumé Météorologique de l'année 1868 pour Genève et le Grand Saint-Bernard par E. Plantamour.	Geneva 1869
Sept.	1	Der Mond. Ein Ueberblick über den gegenwärtigen Umfang und Standpunkt unserer Kentnisse von der Oberflächengestaltung und Physik dieses Weltkörpers. Von J. F. Jul. Schmidt	Leipzig 1856
Sept.	1	Remarks on the Galvanic Battery. By G. W. Hough Director Dudley Observatory.	Albany 1869
Sept.	1	New Method of correcting Lunar Distances and Improved Method of finding the Error and Rate of a Chronometer by Equal Altitudes. By William Chauvenet	Washington 1864 2 copies.
Sept.	1	Positions of Fundamental Stars deduced from Observations made at the U. S. Naval Observatory between the years 1862 and 1867. By Simon Newcomb	Washington 1870
Sept.	1	A Manual of Spherical and Practical Astronomy: by W. Chauvenet	London 1868 2 vols. (Duplicate)
Sept.	2	On the mode of observing the coming transits of Venus: by Simon Newcomb.	From the Am. Journal of Science and Arts Vol. 50 July 1870
Sept.	12	Astronomical and Meteorological Observations made at the United States Naval Observatory during the year 1867.	Washington 1870.
Sept.	14	Description de l'Observatoire Astronomique Central de Poulkova. Par F. G. W. Struve.	St. Petersburg 1845 1 vol. text 1 " plates
Sept.	14	Carl Friedrich Gauss Werke. Erster Band. Zweiter Abdruck. Herausgegeben von der Königlichen Gesellschaft der Wissenschaften zu Göttingen.	Göttingen 1870
Sept.	22	La Gazette de France, 18 aout–6 sept. 1870	Daily newspaper
Oct.	13	Comparison of the mean daily range of the magnetic declination with the number of auroras observed each year and the extent of the black spots on the surface of the sun. By Elias Loomis.	New Haven 1870 From Am. Journal of Science & Arts Sept. 1870

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1	12 10 24	S. 1	Pam. 4	G_1	Greenwich Observatory	Sept. 1 1870
2	9½ 6 249	S. 2	Pam. 13	G_2	Cracow Observatory.	Sept. 1 1870
3	12 9 62	S. 3	Pam. 1	G_3	Cent. Phys. Obs.	Sept. 1 1870
4	9 6 357	S. 4	Pam. 1	G_4	Prof. E. Plantamour	Sept. 1 1870
5	9 6 164	S. 5	Pam. 4	G_5	Prof. Winlock	
6	9 6 13	S. 6	Pam. 4	G_6	Prof. Winlock.	
7	9½ 6 86	S. 7	Pam. 4	G_7	Prof. Winlock	
8	11½ 9 46	S. 8	Pam. 4	G_8	Prof. Winlock	
9	10 6 708 632	B. 1	12 b	P_1	Lever, Francis & Co.	
10	9 6 10	S. 9	Pam. 3	G_9	Prof. Winlock.	
11	12 9½ 833	S. 10	E	G_{10}	Naval Observatory	Sept. 12 1870
12	14½ 10½ 263	B 2/3	01 b	G_{11}	Pulkowa Observatory	Sept. 14 1870
13	11½ 9 478	B 4	22	P_2	B. Westermann & Co.	
14–33		S 11–30	Pam. 11	G_{12}	Paris Observatory	
34	9 6 19	S 31	Pam. 1	G_{13}	Prof. E. Loomis	

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1870				
Oct.	13	Proposal for regulating clocks on Penn. Central R.R. from Allegheny Observatory. S.P. Langley.	Printed for private distribution	35
Oct.	14	Results of Astronomical & Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1867 under the superintendence of the Rev. Robert Main.	Oxford 1870	36
	14	Annales de l'Observatoire Impérial de Paris, publiées par U.J. Le Verrier Directeur de l'Observatoire. Observations: Tome XI. 1854 – 1855.	Paris 1869	37
	26	Annales de l'Observatoire Royal de Bruxelles. Tome XIX.	Bruxelles 1869	38
	26	Physique Sociale ou Essai sur le Développement des Facultés de l'Homme. Par Ad. Quetelet. Tome II.	Bruxelles 1869	39
	26	Observations des Phénomènes Périodiques pendant les Années 1867 et 1868	Extracts from Mem. of Belgian Academy Vol. 38	40
	26	Notice sur le Congrès Statistique de Florence en 1867. Par M. Ad. Quetelet	From Vol. XI Bulletin of Statistic Commission of Belg.	41
	26	Note sur l'Aurore Boréale du 6 octobre et les orages de 1869 par M. Ad. Quetelet	Bulletins of Belg. Acad. Tome 28 no. 11.	42
	26	Notices sur les aurores boréales des 15 avril et 13 mai 1869; et sur le bolide observé à Bruxelles le 31 mai 1869. Sur les météores observés à Moncalieri. Orages observés en Belgique, 1868 & 1869	Bulletins of Belg. Acad. 2de Ser. tome 27 no. 6	43
	26	Sur les étoiles filantes du mois d'août 1869 observées à Bruxelles.	Bulletins of Belg. Acad. 2de Serie tome 28 nos 9 & 10	44
	26	Statistique internationale de l'Europe: plan adopté par les délégués officiels des différents états, dans la 1re session du Congrès International tenu a la Haye en Septembre 1869.	Bulletins of Belg. Acad. 2de Ser. tome 28 nos. 9 & 10	45
	26	(Notes by Ad. Quetelet and communications through him to the Belgian Academy on various topics:) The International Statistical Congress. Use of the External Current in Submarine Cables. On a rain of a yellow substance; On the nature of the Sun; On the age at which menstruation begins.	Bulletins of Belgian Academy	46
	26	Notices extraites de l'annuaire de l'Observatoire Royal de Bruxelles pour 1870		47
Nov.	25	Astronomische Beobachtungen auf der Sternwarte zu Bonn von Dr. Fr. W. A. Argelander. Siebenter Bd. 2te Abth.	Bonn 1869	48
Dec.	1	Two copies of a map of Southern Portugal, showing the track of the eclipse of Dec. 1870		49

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35	9 6 8	S. 32	~~Pam.~~ 11	G 14	Prof. S.P. Langley	
36	10 6½ 270	B. 5	3 5	G 15	Radcliffe Observatory	May 16 1871
37	12 9 470	B. 6	11 2	G 16	Paris Observatory (Also recd. Obsev. of Montsouris Observatory. See Periodicals.)	
38	12 9½ 530	S 33	31 a	G. 17	Brussels Observatory	Oct. 26 1870
39	10 7 472	S. 34	Pam. 1	G. 18	Ad. Quetelet	Oct. 26 1870
40	12 9 61	S. 35	Pam. 1	G. 18	— " —	Oct. 26 1870
41	11½ 9 41	S. 36	Pam. 1	G. 19	— " —	Oct. 26 1870
42	8½ 5½ 26	S 37	Pam. 1	G. 20	— " —	Oct. 26 1870
43	8½ 5½ 19	S. 38	Pam. 1	G. 21	— " —	Oct. 26 1870
44	8½ 5½ 22	S. 39	Pam. 1	G 22	— " —	Oct. 26 1870
45	8½ 5½ 12	S. 40	Pam. 1	G. 23	— " —	Oct. 26 1870
46	8½ 5½ 35	S. 41	Pam. 1	G. 24	— " —	Oct. 26 1870
47	5 4 185	S. 42	Pam. 1	G. 25	— " —	Oct. 26 1870
48	11 9 356	S 43	Pam. 13	G 26	Bonn Observatory (Also from Pal. Obs. Bull. Met. V, 78)	May 16 1871
49		~~Pam~~ S 44	Pam. Case 5	G. 27	Portuguese Commission (as stated on wrapper)	

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1870 Dec.	15	Bestimmung der Längen-Differenz zwischen Berlin und Lund, auf telegraphischem Wege ausgeführt von dem Centralbureau der Europäischen Gradmessung und der Sternwarte in Lund im Jahre 1868. Herausgegeben von C. Bruhns.	Lund 1870 From "Lunds Universitets Acsskrift tom. VII"
Dec.	15	Bestämning af Planeten (92) Undinas Bana, af Fredrik Anderson.	Lund 1870 "Lunds Universitets Acsskrift tom. VII"
Dec.	29	Astronomical and Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, in the year 1868; under the direction of George Biddell Airy, Esq. M.A., LL.D. D.C.L., Astronomer Royal.	London 1870
Dec.	29	New Seven-Year Catalogue of 2760 Stars for 1864.	Appendix II to Greenwich Observations 1868
Dec.	29	On the Corrections of Bouvard's Elements of the Orbits of Jupiter and Saturn, by Hugh Breen, Esq.	Appendix I to Greenwich Observations 1868
1871 March	7	Scheinbare Oerter von 529 Sternen des Verzeichnisses I. und II. für das Jahr 1870. Unter Mitwirkung der „Astronomischen Gesellschaft" herausgegeben von der Redaction des Ber. Ast. Jahrbuch.	Berlin 1870
March	7	Ueber den Venusdurchgang des Jahres 1874. Von Dr. Theodor Ritter von Oppolzer	From Vol. 61 of Proceedings of the Vienna Academy
March	7	Ein Project für die Vorarbeiten betreffs des Venusdurchganges von 1874. Von Dr. G. Neumayer	Do.
March	7	Definitive Bahnbestimmung des Planeten (59) „Elpis". Von Dr. Th. Ritter von Oppolzer	Do.
March	7	Die Keplerschen Gesetze. Eine neue elementare Ableitung derselben aus dem Newton'schen Anziehungsgesetze. Von Dr. H. Müller.	Braunschweig 1870
March	7	Zur Theorie der Modulargleichungen der elliptischen Functionen. Von Dr. Julius König	Heidelberg 1871
March	7	Der Sturmwarner und Wetteranzeiger, ein nach wissenschaftlichen Grundsätzen ausgeführtes und durch Beobachtung und Erfahrung bewährtes Instrument zur Vorherbestimmung von Sturm und Wetter. Von Dr. M. H. F. Prestel.	Emden und Aurich 1870
March	7	Vorlesungen über nautische Astronomie von Dr. G. D. E. Weyer.	Kiel 1871
March	7	Berliner Astr. Jahrbuch für 1873	Berlin 1871
March	7	Reflexiones sobre el Sistema Planetario por D. Salvador Clavijo, Ejército de Ingenieros.	Santa Cruz de Tenerife 1870
May	19	Magnetische und Meteorologische Beobachtungen auf der K. K. Sternwarte zu Prag im Jahre 1869	Prag 1870

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50	$10\frac{1}{2}$ 8 5.	S. 45	Pam. 4	G. 28	Lund Observatory or University	May 16 1871
51	$10\frac{1}{2}$ 8 22	S. 45	Pam. 4	G. 29	"	May 16 1871
52	13 $10\frac{1}{2}$ 1173	B. 7	E	G. 30	Greenwich Observatory	
53	13 10 149	B. 8	3 2	G. 31	"	May 16 1871
54	13 10 80	S 46	E	G. 32	"	
55	$8\frac{1}{2}$ $5\frac{1}{2}$ 71	S 47	Pam. 4	R 3	Jaarg Munich Acad Sitz 1870 I. IV. B. Westermann & Co.	May 16 1871
56	$9\frac{1}{2}$ 6 85	S 48	Pam. 4	P. 4	B. Westermann & Co.	
57	$9\frac{1}{2}$ 6 28	S 49		P. 5	B. Westermann & Co.	
58	$9\frac{1}{2}$ 6 76	S 50	Pam. 4	P. 6	B. Westermann & Co.	
59	9 6 72	S 51	Pam. 2	P. 7	B. Westermann & Co.	
60	9 6 24	S 52	Pam. 2	P. 8	B. Westermann & Co.	
61	9 6 55	S 53	Pam. 1	P. 9	B. Westermann & Co.	
62	9 6 190	S 54		R 10	B. Westermann & Co.	
63	9 6 368	S 55	2 7	P. 11	B. Westermann & Co.	
64	6 $4\frac{1}{2}$ 125	S 56	Pam. 4	G. 33	Varijo	
65	11 9 169	S 57	Pam. 1	G 34	Prague Observatory Prof. Dr. Carl Hornstein Director.	May 16 1871

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May	9	Ueber die Bahn des Hind'schen Cometen vom Jahre 1847. (1847 I.) Von Karl Hornstein	From Bd. LXII II Abth. - Sitzg. d. k. Akad. (Vienna) Sitzung 23 June 1870
May	9	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXVI.	August 1870
May	9	Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1869 redigirt und bearbeitet von Dr. Arthur von Oettingen. Dritter Jahrgang.	Dorpat 1870
May	9	Bestimmung der Längen-Differenz zwischen Berlin und Wien. Herausgegeben von Dr. H. Bruhns, Director der Sternwarte in Leipzig.	Leipzig 1871
May	9	55ter Jahresbericht der naturforschenden Gesellschaft in Emden. 1869	Emden 1870
May	22	Catalogue of Scientific Papers (1800-1863) compiled & published by the Royal Society of London. Vol. IV	London 1870
Aug.	8	Discussion der während der totalen Sonnenfinsterniss am 18. August 1868 angestellten Beobachtungen und der daraus folgenden Ergebnisse. Von Prof. Edmund Weiss.	From Bd. LXII Abth. II. Sitz. d. k. Akad. d. Wissensch.
Aug.	8	Analytische Methode zur Berechnung der Sonnenfinsternisse sowie aller anderen Occultationen von N. Garlick.	Triest 1871
Aug.	8	Die Sonne und die Astronomie Von K. Nagel.	Leipzig 1866
Aug.	12	Annales de l'Observatoire Physique Central de Russie. 1866.	St. Petersburg 1870
Aug.	12	Astronomische Mittheilungen von Dr. Rudolf Wolf.	December 1870 No XXVII
Aug.	12	Melbourne Observatory. Astronomical Results 1866-67-68.	Melbourne 1869
Aug.	12	Greenwich Observations, 1868.	London 1870
Aug.	12	Memoirs of Royal Astronomical Society Vol. XXXVII Parts 1 & 2 Vol XXXVIII.	London 1869, 1870, 1871
Aug.	12	General Index to the first 29 Volumes of the Monthly Notices of the Royal Astronomical Society.	London 1870
Aug.	12	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin im Jahre 1870	Berlin 1871
Sept.	5	Die Anwendung des Spectralapparates zur Messung und Vergleichung der Stärke des farbigen Lichtes. Von Dr. Karl Vierordt	Tübingen 1871

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66	10 6 11	S 58	Pam. 5	G 35	Prof. Dr. Carl Hornstein, Prague		May 16 1871
67	8 5 14	S 59	Pam. 4	G, 36	Dr. Wolf (address?)		
68	10 6½ 98	S 60	Pam. Case 6	G. 37	Direction des Physikalischen Cabinetes der kais. Univ. Dorpat. Dr. A. von Oettingen Director.		May 16 1871
					(Munich Sitzungsberichte from the Academy 1871 I, II, III, II, I, II)		May 16 1871
69	11½ 9 47	S 61	Pam. 4	G 38	Dr. Burns		May 16 1871
					(Copenhagen, Danske Selskab.) 1868. 1869, 4. 1870, 1. (Met. Soc. Proc. Vol. V, 50, 51, 1870 Jun. Nov.)		May 16 1871
70	8 5 39	S 62	Pam. 4	G. 39	Naturf. Ges. in Emden		May 16 1871
71	11 9 1006	B 9	2 2	P. 12	B. Westermann & Co.		
72	9½ 6 144	S 63	Pam. 4	P. 13	— " —		
73	9 6 88	S 64	Pam. 4	P. 14	— " —		
74	10 7 91	S 65	Pam. 4	G. 40	K. Nagy (no address)		
75	12 9½ 436	B 10	4 1		(Centr. Phys. Observatory Russia (Rep. für Met. also received)		Oct. 30 1871
76	8½ 5½ 14	S 66	Pam. 4	G. 41	Dr. Wolf. (through Dr. Flügel [address?] Leipzig)		
77	10 6 176	B 11	3 5	G. 42	Melbourne Observatory		Oct. 30 1871
78	13 10 117 3	B 12	E	G 43	Royal Astr. Society		Oct. 30 1871
79 80 81	11 8½ 51, 200, 118	B 13 14 15	2 8	G 45	— " —		Oct. 30 1871
82	8½ 5½ 212	B 16	2 6	G. 46	(also " Monthly Notices 3 vols.)		Oct. 30 1871
83	9 5½ 91	S 67	Pam. 9	G 47	Berl. Naturf. Gesellsch.		Oct. 30 1871
1	8½ 5½ 100	S 1	Pam. 4	P. 1	B. Westermann & Co.		

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Sept.	8	Argumententafel zu den von P. A. Hansen construirten Ecliptischen Tafeln, nebst diesen, theilweise erweiterten, Ecliptischen Tafeln. Herausgegeben von C. M. Stürmer	Krüll'sche Universitäts Buchhandlung Landshut 1871	2
Sept.	8	Synodische Zusammenkünfte der Planeten (1) bis (82) während der nächsten Jahre. Von C. von Littrow.	Wien 1871	3
Sept.	25	Entwurf einer Astronomischen Theorie der Sternschnuppen. Von J. V. Schiaparelli, Director der Königl. Sternwarte zu Mailand. Einzig autorisirte deutsche Ausgabe der vom Verfasser völlig umgearbeiteten "Note e Riflessioni sulla teoria astronomica delle Stelle cadenti" aus dem Italienischen übersetzt und herausgegeben von Georg von Boguslawski.	Stettin 1871	4
Sept.	25	Ueber die Helligkeitsverhältnisse der Jupitertrabanten, von Dr. R. Engelmann, Observator der Sternwarte in Leipzig.	Leipzig 1871	5
Oct.	25	Report of the 39th meeting of the British Association for the Advancement of Science: held at Exeter in August 1869.	London 1870	6
Oct.	25	Greenwich Observations 1869	London. 1871	7
Oct.	26	Anuario del Observatorio de Madrid. Año 9, 10, 1869, 1870.	Madrid 1868, 1870	8,
Oct.	26	Observaciones Meteorológicas efectuadas en el Observatorio de Madrid desde 1° de Diciembre de 1867 al 30 de Nov. 1868	Madrid 1869	10
Oct.	26	Resumen de las Observaciones Meteorológicas efectuadas en la Península desde el dia 1° de Diciembre de 1866 al 30 de Noviembre de 1867. (Same for 1867-8)	Madrid 1868 1870	11,
Oct.	27	Astronomische Beobachtungen auf der Königlichen Universitäts-Sternwarte zu Königsberg. Herausgegeben von Dr. Eduard Luther, (Prof. d. Ast.) Director. Sechs und dreissigste Abtheilung.	Königsberg 1870	13
Oct.	27	Observations de Poulkova, publiées par Otto Struve, Directeur de l'Observatoire Central Nicolas. Vol. III	St. Pétersbourg 1870	14
Oct.	27	Jahresbericht um 29 Mai 1870 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt.)	St. Petersburg 1870	15
Oct.	27	Tabulae Reductionum in usum Speculae Pulcovensis computatae.	Petropoli 1870	16
Oct.	27	Studien auf dem Gebiete der Störungstheorie. I. Entwickelung einiger Verbindungen elliptischer Functionen. Von Dr. H. Gyldén.	Mémoires de l'Académie Impériale des Sciences de St. Pétersbourg VII Série Tome XVI No. 10. St. Pétersbourg 1871.	17
Oct.	27	Détermination du Coefficient Constant de la Précession au moyen d'étoiles de faible éclat, par M. A. Nyrén.	St. Pétersbourg 1870 (Tiré du Bulletin de l'Académie T. XIV p. 535-542)	18

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5	9½ 6½ 78	S. 5	Pam. 4	P. 5	B. Westermann & Co.	
6	8½ 5½ 794	B. 1	5 5	G. 1	British Association to G. P. Bond	
7	12½ 9½ 800	B 2	E	G. 2	Royal Observatory Greenwich	Oct. 30 1871
8, 9,	7½ 5 368, 362	B. 3, 4	3, 6	G. 3, 4	Madrid Observatory (Director, Antonio Aguilar.)	Oct. 30 1871
10	9 6 232	B 5	5 8	G. 5		
11, 12	9 6 309, 431	B 6, 7	5 8	G. 6, 7		
13	14 9 330	S 6	2 1	G. 8	Königsberg Observatory	Oct. 30 1871
14	14 10 437	B 8	Pam. 13	G. 9	Pulkowa Observatory	Oct. 30 1871
15	9 6 32	S 7	Pam. 13	G. 10	Pulkowa Observatory	Oct. 30 1871
16	11 39 7½	S. 8	Pam. 13	G. 11	Pulkowa Observatory	Oct. 30 1871
17	13 10 131	S. 9	Pam. 5	G. 12	Pulkowa Observatory	Oct. 30 1871
18	12 8½ 19	S. 10	Pam. 3	G. 13	Pulkowa Observatory	Oct. 30 1871

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Oct.	27	Annales de l'Observatoire de Paris publiées par le Directeur de l'Observatoire. Observations. Tome XXIII. 1867.	Paris 1871.
Oct.	28	Index Scholarum in Universitate Regia Frederiziana Centesimo decimo quinto Ejus semestri anno MDCCCLXX ab Augusto mense ineunte habendarum	Christiania 1870
Oct.	28	Det Kongelige Norske Frederiks Universitets Aarsberetning, med Bilage. 1869, 1870.	Christiania 1870, 1871
Oct.	28	Det Meteorologiske Institut Aarsberetning for 1870	Christiania 1871
Oct.	28	Norsk Meteorologisk Aarbog for 1869 udgivet af det Norske Meteorologiske Institut. 3de Aarg.	Christiania 1870
Oct.	28	Det Norske Meteorologiske Instituts Storm-Atlas, udgivet med Bistand af Videnskabsselskabet i Christiania. Af H. Mohn	Christiania 1870
Oct.	28	Om Jordenveje i Norge, i 1868; i 1869 Af H. Mohn	From Videnskab.-Selsk. Forhandlinger for 1870
Oct.	28	Nogle Bemaerkninger om Jordenveiernes Dannelse af H. Mohn.	From Videnskab.-Selsk. Forhandlinger for 1868
Oct.	28	Torg hatten. Af H. Mohn.	From Vidensk.-Selsk. Forh. for 1870
Oct.	28	Havets Temperatur mellem Island, Skotland og Norge. Af H. Mohn.	From a publication of the Videnskab.-Selsk. 1869
Oct.	28	Température de la Mer entre l'Islande, l'Ecosse et la Norvège. Par H. Mohn	Christiania 1870 (Translation of the preceding.)
Oct.	28	Norges Vind- og Stormstatistik. Af H. Mohn.	From Vidensk.-Selsk. From Forhandl. 1869.
Oct.	28	Magnetiske Undersøgelser foretagne i 1868 af E. A. H. Lindtner.	Christiania 1870
Oct.	28	Bericht über Bergens Observatorium in den Jahren 1868, 1869 und 1870. Von J. Astrand.	Bergen 1871.
Oct.	28	Le Névé de Justedal et ses Glaciers. Par C. Deleuil	Christiania 1870
Oct.	28	Om Skuringsmærker, Glacialformationen og Terrasser, samt om Grundfjeldets og Paragmitfjeldets Udbredning i Norge. I. Grundfjeldet. Af Prof. Theodor Kjerulf.	Christiania 1871.
Oct.	28	Nachweis über die Art der Münchener Sternwarte von 1840 bis 1869 beobachteten Zonen, enthaltend Verzeichniss der von 1840 bis 1869 beobachteten Zonen Zusammenstellung der Publicationen, in welchen die Zonenbeobachtungen gedruckt sind. Zusammenstellung der Publicationen in welchen die bisher aus den Zonenbeobachtungen berechneten Sternkataloge vorkommen.	
Nov.	29	Anuario del Observatorio de Madrid Año 9, 10.	Duplicates of those received Oct. 26 1871 which see.
Nov.	29	Resúmen de las Observaciones Meteorológicas, etc. 1866-7 y 1867-8.	
Nov.	29	Observaciones Meteorológicas efectuadas en el Observatorio de Madrid 1867-8.	

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19	12 9 / 392	S.11	4 2	G.14	Paris Observatory	Oct. 30 1871.
20	10 7½ / 16	S.12	Pam.13	G.15	Christiania University (C. Holst, Secretary.)	Oct. 30 1871
21	8 5	S.13	Pam.13	G.16, 17	Christiania University.	Oct. 30 1871
22	143, 158	14				
23	8½ 5½	S.15	Pam.1	G.18	Christiania University	Oct, 30 1871
24	10 13 / 132	S.16	Pam.1	G.19	Christiania University	Oct. 30 1871
25	19 16 / 60	S.17	Pam.1	G.20	Christiania University	Oct. 30 1871
26	9½ 6 / 55, 15	S.18,19	Pam.1	G.21,22	Christiania University	Oct. 30 1871
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28	9 5½ / 10	S.20	Pam.1	G.23	Christiania University	Oct. 30 1871
29	9 5½ / 10	S.21	Pam.1	G.24	Christiania University	Oct. 30 1871
30	9 5½ / 9	S.22	Pam.1	G.25	Christiania University	Oct. 30 1871
31	9 5½ / 16	S.23	Pam.1	G.26	Christiania University	Oct. 30 1871
32	9 5½ / 48	S.24	Pam.1	G.27	Christiania University	Oct. 30 1871
33	9 6 / 44	S.25	Pam.1	G.28	Christiania University	Oct. 30 1871
34	11 8½ / 9	S.26	Pam.13	G.29	Christiania University	Oct 30 1871
35	11½ 9½ / 55	S.27	Pam.1	G.30	Christiania University	Oct. 30 1871
36	11½ 9½ / 101	S.28	Pam.1	G.31	Christiania University.	Oct. 30 1871
37	8½ 5½ / 32	S.29	Pam.13	G.32	Munich Observatory (Also: Annalen, Bd. XVIII, Suppl. Bd. XI. and from the Academy Sitzberichte 1870 II Hft. III, IV Sitz.b. der math. phys. Classe 1871 Heft I) (Also from Montsouris Observatory: Observations Aug. 1870 See Periodicals.	Oct. 30 1871 Oct. 30 1871
38		B.6		G.33	Madrid Observatory.	
39		9		34		
40		10		35		
41		11		36		
42		12		37	(Also Bullettino Meteorologico del R. Osservatorio di Palermo [See Periodicals.] Vol I, 9-12; Vol. II; Vol. III N.3,4)	Nov. 30 1871

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Nov.	29	Esercitazioni dell' Accademia Agraria di Pesaro. Anno XLV, serie 2ª, Semestre 1° e 2°.	Pesaro 1870	4
Nov.	29	Norme per le Osservazioni delle Meteore Luminose. P. F. Denza.	Torino 1870	4
Nov.	29	Aurore Boréale et autres Phénomènes Météorologiques observés en Piémont le 3 janvier 1870. Par le P. F. Denza	Turin 1870	4
Nov.	29	Aurora Polare osservata in Piemonte nel 5 aprile 1870 dal professore P. Francesco Denza	Torino 1870	4
Nov.	29	Osservazioni delle meteore luminose nel 1871-72		4
Nov.	29	Le Stelle Cadenti dei Periodi di Novembre 1868 ed Agosto 1869 osservate in Piemonte ed in altre contrade d'Italia, Memorie V e VI del P. F. Denza	Torino 1870	4
Nov.	29	Sopra gli Aeroliti caduti il giorno 29 Febbraio 1868 nel territorio di Villanova e Motta dei Conti. Memoria dei professori Agostino Gorran, Antonio Bertolio, Artyro Zannetti, Luigi Masso.	Torino 1868	4
Nov.	29	Effemeridi Astronomiche di Milano Per l'anno 1870 Parte I, II. 1871, Parte I.	Milano 1869 1870	50 51 52
Nov.	29	Posizioni Medie di 2696 Stelle pel 1° gennajo 1860 distribuite nella zona compresa fra 11° e 12° 30' di declinazione australe. Memoria di Giovanni Santini.	Venezia 1858	5
Nov.	29	Posizioni Medie di 2246 Stelle distribuite nella zona fra li 12° 30' e li 15° di declinazione australe dedotte dalle osservazioni fatte nell' I. R. Osservatorio di Padova	Venezia 1862	5
Nov.	29	Posizioni Medie di 1425 Stelle pel principio di 1860 distribuite nella zona compresa fra 0° e 3° di declinazione australe, dedotte dalle osservazioni fatte nel R. Osservatorio di Padova	Venezia 1870	5
Nov.	29	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory Greenwich, read at the annual visitation of the Royal Observatory 1871 June 3		5
Nov.	30	Reports on Observations of the Total Solar Eclipse of December 22 1870. Conducted under the direction of Rear-Admiral B. F. Sands, U.S.N., Superintendent of the U.S. Naval Observatory, Washington, D.C.	Washington 1871 Appendix I to Washington Observations for 1869	5
Dec.	1	Annals of the Dudley Observatory Vol. II. Meteorological Observations 1862 - 1871	Albany 1871	5
Dec.	15	Results of Astronomical Observations made at the Royal Observatory, Cape of Good Hope in the year 1856. Reduced & Printed under the superintendence of Edward James Stone.	Cape Town 1871	5

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43	9 6 / 418	S. 30	Pam. 13	G. 38	Accad. Agraria di Pesaro.		Nov. 30 1871
44	7½ 5 / 29	S. 31	Pam. 1	G. 39	Osservatorio del R. Collegio di Alba tenuto in Moncalieri. P. F. Denza, Direttore.		Nov. 30 1871
45	9½ 6 / 7	S. 32	Pam. 1	G. 40	—— " ——		Nov. 30 1871
46	9½ 6 / 8	S. 33	Pam. 1	G. 41	—— " ——		Nov. 30 1871
47	8 5 / 8	S. 34	Pam. 1	G. 42	—— " ——		Nov. 30 1871
48	7½ 5 / 111	S. 35	Pam. 1	G. 43	—— " ——		Nov. 30 1871
49	7½ 5 / 86	S. 36	Pam. 1	G. 44	—— " ——		Nov. 30 1871
50 / 51 / 52	9½ 6½ / 472 / 179	S. 36 / 37 / 38	Pam. 1	G. 45 / 46 / 47	Reale Osservatorio di Brera Milano. (Schiaparelli, Director)		Nov. 30 1871
53	13 9½ / 84	S. 39	Pam. 13	G. 48	Osservatorio Astronomico della Regia Università di Padova		Nov. 30 1871
54	13 9½ / 78	S. 40	Pam. 13	G. 49	—— " ——		Nov. 30 1871
55	13 9½ / 48	S. 41	Pam. 13	G. 50	—— " ——		Nov. 30 1871
56	12 10 / 23	S. 42	Pam. 4	G. 51	Greenwich Observatory		Dec. 15 1871
57	11½ 9 / 132	B. 13	22	G. 52	Washington Naval Observatory		Dec. 1871
58	9 6 / 367	B. 14	Pam. 13	G. 53	Dudley Observatory		
59	10 6 / 85	B. 15	3 1	G. 54	Greenwich Observatory		Dec. 15 1871

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Dec.	15	Sechsundfunfzigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1870.	Emden 1871	6
Dec.	15	Kleine Schriften der Naturforschenden Gesellschaft in Emden. XV. Die Temperatur-Verhältnisse in der untersten die Erdoberfläche unmittelbar berührenden Schicht des Luftmeeres. Von Prof. Dr. Prestel.	Emden 1871	6
Dec.	16	Le Soleil. Exposé des principales découvertes modernes sur la structure de cet astre, son influence dans l'univers et ses relations avec les autres corps célestes. Par le P. A. Secchi, S.J.	Paris 1870 8°	6
Dec.	16	Le Spectre d'Absorption de la vapeur Iode. Par Rob. Thalén.	Upsal 1869 4°	6
Dec.	16	Ueber die Bahn des Planeten 62 "Erato". Von Prof. Dr. Theodor R. von Oppolzer	From Bd. LXIII Sitzb. d. k. Akad. d. Wiss. II Abth. April Jahrg. 1871	6
Dec.	16	"Ueber Masse und Abplattung der Himmelskörper. Von Prof. Dr. C. Zehfuss.	Frankfurt A. M. 1871 8°	6
1872				
Jan.	3	Annales de l'Observatoire Physique Central de Russie, publiées par H. Wild. Année 1867	St. Petersburg 1871 duplicates	6
Jan.	3	Jahresbericht des physikalischen Central-Observatoriums für 1870.	St. Petersburg 1871	6
Jan.	3	Catalogue de la Bibliothèque de la Société Impériale des Sciences Naturelles de Cherbourg. Première Partie. Publications des Académies, Sociétés savantes et Établissements Scientifiques.	Cherbourg 1870.	6
Jan.	3	Mémoires de la Société des Sciences Naturelles de Cherbourg, publiées sous la direction de M. le Dr. Auguste le Jolis, Archiviste Perpétuel. Tome XV.	Paris et Cherbourg 1870	6
Jan.	10	Die Sonne. Von P. A. Secchi. Autorisirte Deutsche Ausgabe und Originalwerk herausgegeben durch Dr. H. Schellen. I Abtheilung.	Braunschweig 1872 8vo (With additions to edition of 1870.)	7
Jan.	10	Mittlere Oerter für 1871.0 von 539 Sternen und scheinbare Oerter für das Jahr 1871 von 529 Sternen des Verzeichnisses I & II.	Berlin 1871 8vo (Zero stars for Zone work)	7
Jan.	10	Die Axendrehung der Weltkörper. Von E. F. Theodor Moldenhauer.	Berlin 1872. 8vo	7
Jan.	10	Astronomische Tafeln und Formeln. Herausgegeben von Dr. C. F. W. Peters.	Hamburg 1871 4to	7
Feb.	1	Nederlandsch Meteorologisch Jaarboek. 1869, II. 1870 I.	Utrecht 1870 (1st title 2d 4th by signatures but both vols. same date)	7
Feb.	1	Jaarboek van de Koninklijke Akademie van Wetenschappen gevestigd te Amsterdam voor 1869.	Amsterdam 8vo	7
Feb.	1	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afd. Natuurkunde. 2 Reeks 4 Deel	Amsterdam 1870 8vo	7
Feb.	1	Processen Verbaal der Koninkl. Akad. Afd. Natuurk. 1869 – 1870		7
Feb.	1	Annalen der Sternwarte in Leiden. II Band.	Haag 1870.	7

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60	8½ 5½ 44	S 43	Pam. 4	G. 55	Naturforschende Gesellschaft in Emden	Dec. 15 1871
61	9½ 6 24	S 44	Pam. 1	G. 56	Naturforschende Gesellschaft in Emden [Oversigt 1870, 3; 1871, 1. (From Vidensk. Selskab.)]	Dec. 15 1871
62	9 6 422	S 45	Pam. 4	P. 6	B. Westermann & Co.	
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78	9 5½	S 56	Pam. 14	G. 65	— " —	Jan. 19, 1875
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Feb.	1	Description d'un Météorographe Enregistreur construit pour l'Observatoire d'Upsal par Dr. H. Theorell.	Upsal 1868 4to. Présenté à la Soc. Roy. des Sciences d'Upsal le 14 Nov. 1868	80
Feb.	1	Recherches sur la Rotation de la Terre. Par H. Gylden.	Upsal 1871 4to. Présenté à la Soc. Roy. des Sc. d'Upsal le 5 avril 1871	81
Feb.	1	Annales de l'Observatoire Royal de Bruxelles. Tome XX. (Astron. 1865.) (Meteor. 1867, 1868.)	Bruxelles 1870 4to	8
Feb.	1	Observations des Phénomènes Périodiques pendant l'année 1869.	Extrait du Tome 39 des Mémoires de l'Acad. Royale de Belgique. 4to	83
Feb.	1	Orages en Belgique en 1870 et Aurore Boréale des 24 et 25 octobre 1870, communications de M. N. Quetelet	Extrait des Bulletins de l'Acad. Royale de Belg. 2ème Tome XXX no 11 8vo	84
Feb.	1	Tables of Iris computed with regard to the Perturbations of Jupiter, Mars, and Saturn, including the Perturbations depending on the square of the mass of Jupiter. By Francis Brünnow, Royal Astronomer of Ireland	Dublin 1869 4to	85
Feb.	1	Astronomical Observations and Researches made at Dunsink, the Observatory of Trinity College, Dublin. First Part. Results of Observations with the South Reflector June 1868 to October 1869. By Francis Brünnow.	Dublin 1870 4to	86
Feb.	1	Greenwich Observations 1869.	London 1871	89
Feb.	1	Greenwich Astronomical Results, 1869	Extr. from Gr. Observations	88
Feb.	1	Greenwich Magn. & Met. Observations, 1869	" " " "	89
Feb.	1	A General Index to the first thirty-eight volumes of the Memoirs of the Royal Astronomical Society	London 1871 8vo	90
Feb.	1	Memoirs of the Royal Astronomical Society Vol XXXIX Part I (1870-1871)	London 1871 4to	91
Feb.	1	Beiträge zur Kenntniss der Sternschnuppen. II Abhandlung. Von Prof. Edmund Weiss.	Aus dem LXII Bde d. Sitzb. der K. Akad. d. Wiss. II Abth. Juli Heft Jahrg. 1870. (Wien)	92
Feb.	1	Discussion der während der totalen Sonnenfinsterniss am 18. August 1868 angestellten Beobachtungen und der daraus folgenden Ergebnisse. Von Prof. E. Weiss.	Aus dem LXII Bde d. Sitzb. d. K. Akad. d. Wissensch. II Abth. Dec. Heft. Jahrg. 1870. (Wien)	93
Feb.	1	Ueber Sprungweise Aenderungen in einzelnen Reductionselementen eines Instrumentes. Von Prof. Dr. Edmund Weiss.	Aus dem LXIV Bde d. Sitzb. d. K. Akad. d. Wiss. (Wien) II Abth. Juni Heft Jahrg. 1871	94
Feb.	1	Resultate der Beobachtungen am Meridiankreise, zusammengestellt von Prof. Dr. Edmund Weiss. (2 pams. From the 16. & 17. vols. of Vienna Observations)	Annalen der Wiener Sternwarte 3 Folge XVI Band. XVII "	95 96
Feb.	1	Bericht über die zur Beobachtung der totalen Sonnenfinsterniss des Jahres 1868 nach Aden unternommenen österreichischen Expedition. (VI Bericht. Geographische Coordinaten von Aden. Von Dr. Oppolzer. VII Bericht. Sternschnuppen-beobachtungen in Aden. Von Prof. Dr. E. Weiss	Aus dem LIX Bde & LX Bde d. Sitzb. d. K. Akad. d. Wissensch. (Wien)	97 98
Feb.	1	Annalen der k.k. Sternwarte in Wien. III Folge. 13d. 16. Jahrg. 1866. Bd. 17. Jahrg. 1867	Wien 1870, 1871 8vo	97 100
Feb.	1	Magnetische und Meteorologische Beobachtungen auf der k.k. Sternwarte zu Prag im Jahre 1870.	Prag 1871. 4to	101

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April	6	Berliner Astronomisches Jahrbuch für 1874 mit Ephemeriden der Planeten (1) (11) für 1872	Berlin 1872 8vo	1
April	6	Ueber Keplers astronomische Anschauungen und Forschungen. Ein Beitrag zur Entdeckungsgeschichte seiner Gesetze von Dr. Karl Goebel.	Halle 1871 8vo	1
April	6	Ueber die Natur der Cometen. Beiträge zur Geschichte und Theorie der Erkenntniss. Von Johann Carl Friedrich Zöllner.	Leipzig 1872 8vo	1
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April	12	Astronomical & Meteorological Observations made at the U. S. Naval Observatory, 1868, 1869,	Washington 1871, 1872 4to	1 1
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April	13	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXVIII.	August 1871 Loose sheets	1
April	13	Détermination Télégraphique de la différence de longitude entre la Station astronomique du Righi-Kulm et les Observatoires de Zurich et de Neufchatel. Par E. Plantamour, R. Wolf et A. Hirsch.	Geneve et Bale 1871 4to	1
April	24	Report of the Superintendent of the United States Coast Survey, showing the progress of the Survey during the year 1868.	Washington 1871 4to	1
May	27	War Office Weather Maps & bulletins for May 23 1872.	(Loose sheets) (See periodicals)	
June	18	Atlas des Mouvements Généraux de l'Atmosphère. Année 1868. Juillet-Décembre.	Paris 1869 2 atlases.	1 1
June	18	Résumé Météorologique de l'année 1869 pour Genève et le Grand Saint Bernard par E. Plantamour. [Same for 1870]	Geneva 1870, 1871 8vo	1 1
June	18	Meteorologische Beobachtungen angestellt in Dorpat. Jahrg. IV & V. [1870 & 5 year period 1866 – 1870.]	Dorpat 1871 4to	1 1
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June	29	Results of Meteorological Observations made at the Royal Observatory Cape of Good Hope.	Cape Town 1871 8vo	1
July	4	Die Sonne. Zenith Abtheilung. [1st part of this work received Jan. 10 1872.]	Braunschweig 1872 8vo	1

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July	4	Astronomical Observations made at the Royal Observatory, Edinburgh. Vol. XIII. 1860 — 1870.	Edinburgh 1871 fol.	12
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Aug.	30	Memorie della società degli Spettroscopisti Italiani, raccolte e pubblicate per cura del Prof. P. Tacchini. Dispensa 5a. Maggio 1872	Palermo 1872 4to.	12
Sept.	14	Beobachtungen angestellt auf der Sternwarte des Kammerherrn von Bülow zu Bothkamp. Heft I. Herausgegeben von Dr. H. C. Vogel.	Leipzig 1872 4to.	1
Sept.	18	Die Sonne. Dritte Abtheilung. [1st part of this work received Jan. 10 1872, which see for title. 2d part received July 11 1872.]	Braunschweig 1872 8vo.	2
Sept.	23	Memorie della Società degli Spettroscopisti Italiani. (See Aug. 30, 1872.) Dispensa 7a Luglio 1872	Palermo 1872 4to.	3
Sept.	27	Proceedings of the American Academy of Arts and Sciences June 8 1869 — Feb. 13, 1872 Vol. VIII pages 137–408	loose sheets	
Nov.	8	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read 1872 June 1.	4to.	5
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Nov.	8	Undersökning af Planeten Pandoras Rörelse. Af Axel Möller. Första Afdelningen.	Stockholm 1871 4to.	9
Nov.	8	Planet-och Komet-Observationer anställda År 1870 på Lunds Observatorium utgifna af Axel Möller.	Lund 1871 folio	10
Nov.	8	Annalen der k. k. Sternwarte in Wien. Dritter Folge. Achtzehnter Band. Jahrgang 1868.	Wien 1872 8vo	11
Nov.	8	Periodicals [see lists in end of this book]		

St. Petersburg Rep. für Meteorologie Vol II Heft 2.
Oversigt over det Kong. Dansk. Vid. Selsk. i Aaret 1871. 1871 No 2.
Quarterly Journal of the Met. Society 1872 Jan. April. July.
Montsouris Bulletins Jan. to March April 1872 & some additional sheets for 1871.
Upsal Bulletin Met. Vol I. 6-12. Vol II 10-12 Vol III 1-12.
Munich Acad. Math. Phys. Classe. 1872 I 1871 III.

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1872 Nov.	9	Spons' Dictionary of Engineering Civil Mechanical, Military, and Naval; with Technical Terms in French, German, Italian, and Spanish. Edited by Oliver Byrne. Division 1, 2, 3, 4, 5.	London 1869 8vo	12 13 14 15 16
Dec.	5	Catalogue of Scientific Papers 1800-1863 Compiled and Published by the Royal Society of London. Vol. V.	London 1871 4to	17
Dec.	5	Mittlere Oerter für 1872.0 von 539 Sternen und Scheinbare Oerter für das Jahr 1872 von 529 Sternen des Verzeichnisses I. und II.	Berlin 1872 8vo	18
Dec.	5	Ueber die physikalischen Verhältnisse und die Entwickelung der Cometen. Von Dr. W. Zenker.	Berlin 1872 8vo	19
Dec.	5	Die Anwendung des Spectralapparates zur Photometrie der Absorptionsspectren und zur quantativen chemischen Analyse. Von Dr. Karl Vierordt.	Tübingen 1873 4to	20
1873 Jan.	8	Memorie della Società degli Spettroscopisti Italiani, raccolte e pubblicate per cura del Prof. P. Tacchini. Dispensa 8a. Agosto, 1872.	Palermo 1872 4to	21
Jan.	8	Bestimmung der Parallaxe des Zweiten Argelanderschen Sternes aus Messungen am Heliometer der Sternwarte zu Bonn in den Jahren 1857-1858 von F. A. T. Winnecke. Publication der Astronomischen Gesellschaft XI.	Leipzig 1872 4to	22
Jan.	8	Grundzüge einer neuen Störungstheorie und deren Anwendung auf die Theorie des Mondes. Entworfen von Dr. A. Weiler. Publication der Astronomischen Gesellschaft XII.	Leipzig 1872 4to	23
Jan.	8	Berechnung des Vorüberganges der Venus vor der Sonnenscheibe. Von Friedrich Hoffman.	Bayreuth 1872 4to	24
Jan.	8	Die Kometen als Trabanten der Planeten zum Beleg für die gänzliche Reform der Himmels-Mechanik entwickelt von V. P. Kluté Kluczycki.	Leipzig 1872 8vo	25
Jan.	14	Jahrbuch über die Fortschritte der Mathematik, im Verein mit anderen Mathematikern herausgegeben von Carl Ohrtmann, Felix Müller, Albert Wangerin. Zweiter Band. Jahrgang 1869 u. 1870. In 3 Heften. Heft 2.	Berlin 1872 8vo	26
Jan.	14	Bericht der königlichen Sternwarte zu Berlin für die Jahre 1868-1871 erstattet von dem Director Prof. Dr. Förster.	Berlin 1872 8vo	27

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Jan.	17	Astronomische Mittheilungen. Von Dr. Rudolf Wolf. XXX. (July 1872)	Zurich loose sheets.	28
Jan.	17	Verhandelingen der Koninklijke Akademie van Wetenschappen. Twaalfde Deel.	Amsterdam 1871 4to	2
Jan.	17	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Vijfde Deel.	Amsterdam 1871 8vo	30
Jan.	17	Jaarboek van de Koninklijke Akademie van Wetenschappen, gevestigd te Amsterdam. Voor 1870.	Amsterdam ~~1871~~ 8vo	31
Jan.	17	Processen-Verbaal van de Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde, van Mei 1870 tot en met April 1871		32
Jan.	17	Memoires de la Société Nationale des Sciences Naturelles de Cherbourg, publiés sous la direction de M. le Dr. Aug^te le Jolis, Archiviste-Perpetuel de la Société. Tome XVI (Deuxième Série. Tome VI)	Paris et Cherbourg 1871-72 8vo	33
Jan.	17	Tabulae Quantitatum Besselianarum pro annis 1875 ad 1879 computatae. Edidit Otto Struve.	Petropoli 1871 8vo	34
Jan.	17	Jahresbericht am 27 Mai 1871 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte.	St. Petersburg 1871 8vo	35
Jan.	17	Bestimmung der Längen-Differenz zwischen der Sternwarten Stockholm und Helsingfors, ausgeführt im Sommer 1870. Von V. Fuss und M. Nyrén	Mémoires de l'Académie Imp. des Sciences de St. Pétersbourg. Tome XVII No. 10.	36
Jan.	17	Bestimmung der Längen-Differenz zwischen Pulkowa, Helsingfors, Abo, Lowisa, und Wiborg. Bearbeitet von J. Kortazzi.	Mémoires de l'Académie Imp. des Sciences de St. Pétersbourg VIIe Série Tome XVII No. 1.	37
Jan.	17	Beobachtungen und Untersuchungen über die Astronomische Strahlenbrechung in der Nähe des Horizontes. Von V. Fuss	Mém. de l'Acad. Imp. des Sciences de St. Pétersbourg VIIe série Tome XVIII No. 3	38
Jan.	17	Resultate aus Otto von Struve's Beobachtungen der Uranustrabanten. Von Dr. E. v. Asten.	Mém. de l'Acad. Imp. des Sciences de St. Pétersbourg VIIe Série Tome XVIII No. 5.	39
Feb.	3	Results of a Series of Meteorological Observations made under instructions from the Regents of the University at Sundry Stations in the State of New York. Second Series. From 1850 to 1863. with records of Rainfall and other Phenomena to 1871 inclusive. Prepared from the Original Returns by Franklin B. Hough.	Albany, 1872 folio.	40

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33	10 6½ 412	S. 24	Pam. 9	G. 19	Société Nationale des Sciences Naturelles de Cherbourg (Send books either care A. M. M. J. B. Baillière et fils, libraires, rue Hautefeuille, 19, à Paris, or to the Secretary of the Society under cover to the Minister of Public Instruction, through the French Embassy.)	Jan. 19, 1875
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36	12½ 9½ 36	S. 27	Pam. 4	G. 22	Pulkowa Observatory	Jan. 21, 1875
37	12½ 9½ 69	S. 28	Pam. 4	G. 23	Pulkowa Observatory	Jan. 21, 1875
38	12½ 9½ 44	S. 29	Pam. 4	G. 24	Pulkowa Observatory	Jan. 21, 1875
39	12 9½ 26	S. 30	Pam. 4	G. 25	Pulkowa Observatory	Jan. 21, 1875
40	12 10 406	B 10	Pam. 1	G. 26	Regents of State University of New York State Library, Albany, N. Y. (Secretary of State Library — " —)	Feb. 6, 1875

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1873 Feb.	3	Observaciones Magneticas y Meteorologicas, del Real Collegio de Belen, de la Compañia de Jesus en la Habana. Año Meteorologico de 30 de Noviembre de 1870 a 30 de Noviembre 1871.	Habana 1872	4
Feb.	3	Memoria de la Marcha Regular o Periodica e Irregular del Barometro en la Habana desde 1858 a 1871 inclusive por el R. P. B. Viñes S. J., Director del Observatorio magnetico y meteorologico del Real Colegio de Belen de los PP. de la Compañia de Jesus en la Habana.	Habana 1872	4
Feb.	6	Verzeichniss von 1093 teleskopischen Sternen zwischen −9° und −15° Declination, welche in den Münchener Zonen-Beobachtungen vorkommen, reducirt auf den Anfang des Jahres 1850 nebst Vergleichung mit den Beobachtungen von Lalande, Bessel, Rümker, und Schjellerup. XII. Supplementband zu den Annalen der Münchener Sternwarte.	München 1872	4
Feb.	6	Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory Oxford, in the year 1869, Vol. XXIX.	Oxford 1872 small 4to	4
Feb.	6	Astronomical and Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, during the year 1870.	London 1872 4to	4
Feb.	6	Results of the Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich 1870	Extracted from the Greenwich Observations 1870	4
Feb.	6	Annuaire Météorologique de l'Observatoire Physique Central pour l'an 1873.	Paris 12mo	4
Feb.	6	Zur Kosmologie der Gegenwart. Bemerkungen zu J. C. F. Zöllner's Buch über die Natur der Kometen von E. Budde.	Bonn 1872 8vo	4
Feb.	8	Résumé Météorologique de l'année 1871 pour Genève et le Grand Saint-Bernard par E. Plantamour	Genève 1872 8vo	4
Feb.	8	Results of Astronomical Observations made at the Royal Observatory Cape of Good Hope in the year 1856. (Duplicate of the work received Dec. 15, 1871, & containing also Meteorological Observations rec'd June 29, 1872)	Cape Town 1871	5

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41	8½ 6 about 90	S 31	Pam. 1	G. 27	Not known. Belen College?		Jan. 21, 1875
42	8½ 6 about 50	S. 32	Pam. 1	G. 28	Not known. Belen College?		Jan. 21, 1875
43	9 6 352	S. 33	Pam. 13	G 29	Munich Observatory		Jan. 21, 1875
44	10 6 400	B 11	3 5	G. 30	Radcliffe Observatory, Oxford Rev. R. Main, Director		Jan. 21, 1875
45	12½ 9½ 82 11	B. 12	E	G. 31	Royal Astronomical Society London.		Jan. 19, 1875
46	12½ 9½ 165	B. 13	E.	G. 32	Royal Astronomical Society London		Jan. 19, 1875
47	6 4 312	S 34	Pam 1	G. 33	Montsouris Observatory (?) Paris		The Montsouris Observatory seems to have been discontinued.
48	9 5½ 70	S. 35	Pam. 1	P. 15	B. Westermann & Co.		
49	9 5½ 138	S. 36	Pam. 1	G. 34	Prof. E. Plantamour, Geneva		Jan. 21, 1875
50	10 6 164	B. 14	3 1	G. 35	Royal Observatory Cape of Good Hope		Jan. 21, 1875

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1873

Feb.	10	Elementary Lessons in Astronomy. By J. Norman Lockyer.	London 1870 small 8vo	5
Feb.	10	The Practical Magazine. For January 1873.	London 1873	5
Feb.	14	Theoretische Astronomie von Dr. H. Klinkerfues, Professor Director der Königlichen Sternwarte zu Göttingen.	Braunschweig 1871 8vo	5
Feb.	14	Vorlesungen über die optischen Fehler des Auges von Dr. Ludwig Mauthner. I. Abtheilung. Allgemeiner Theil	Wien 1872 8vo	5
Feb.	18	Sulla grande pioggia di Stelle Cadenti prodotta dalla cometa periodica di Biela e osservata la sera del 27 novembre 1872. Notizie comunicate da G. V. Schiaparelli e dal P. F. Denza nell adunanza del 19 dicembre 1872 del R. Istituto Lombardo di scienze e lettere	Extract from Procedings of Royal Institute of Lombardy Vol. V fas. XX Milano, 1872	5
Feb.	25	An American Dictionary of the English Language. By Noah Webster. Thoroughly revised and greatly enlarged and improved by Chauncey A. Goodrich and Noah Porter.	Springfield 1872 4to	5
Feb.	25	Essays on Astronomy. By Richard A. Proctor.	London 1872 8vo	5
Feb.	26	Untersuchungen über die gegenseitigen Helligkeiten der Fixsterne erster Grösse und über die Extinction des Lichtes in der Atmosphäre. Nebst einem Anhange über die Helligkeit der Sonne verglichen mit Sternen und über die Licht reflectirende Kraft der Planeten. Von Ludwig Seidel.	München 1852 4to Aus den Abhandl. der k. bayer. Akad. d. W. II Cl. VI Bd III Abth.	5
Feb.	26	Resultate photometrischer Messungen an zweihundert und acht der vorzüglichsten Fixsterne. Von Ludwig Seidel	München 1862 4to Aus den Abhandl. der k. bayer. Akad. d. W. II Cl. IX. Bd III Abth.	5
March	1	Annalen des Physikalischen Central Observatoriums, herausgegeben von H. Wild. Jahrgang 1870	St. Petersburg 1872 4to	6
March	1	Bulletin de la Société des Sciences Naturelle de Neuchatel. Tome IX Premier cahier. Deuxième cahier	Neuchatel 1871 1872 8vo	6
March	1	Materyały do Klimatografii Galicyi zebrane przez Seckcyę Meteorologiczną Komisyi fizyograficznéj C. K. Towarzystwa Nauk. Krakow. Rok 1871.	Krakow 1872 8vo	62
March	1	Magnetische und Meteorologische Beobachtungen auf der K. K. Sternwarte zu Prag im Jahre 1871. 32. Jahrgang	Prag 1872 4to	63

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51	6 4 334	B 15	5 3	P 16	C. W. Sever (bought some time ago; not then catalogued)		
52		S. 37		P. 17	J. R. Osgood & Co. (magazine subscribed for.)		
53	8½ 6 473	B. 16	3 3	P. 18	C. W. Sever (bought in 1872)		
54	9 6 218	S 38	3 3	P 19	C. W. Sever (bought in 1872)		
55	9 6 75	S. 39	Pam. 4	G. 36	Malden Observatory (probably)		
56	11 8½ 1840	B. 17	4 8	P 20	Little, Brown & Co.		
57	9 6 378	B 18	5 3	P 21	C. W. Sever (bought in 1872)		
58	11 9 122	S 40	Pam. 4		Received by mail (perhaps from C. S. Peirce.) May have been in Library before.		
59	11 9 191	S. 41	Pam. 4		Received by mail (perhaps from C. S. Peirce. May have been in Library before.		
60	12 9½ 688	S 42	E	G 37	St. Petersburg Central Physical Observatory H. Wild, Director.	Jan. 19, 1875	
61	8½ 5½ 650	S. 43	Pam. 13	G. 38	~~Salem~~ Société des Sciences Naturelles de Neuchatel.	Jan. 28, 1875	
62	9½ 6 172	S. 44	Pam. 14	G. 39	Krakow Observatory Dr. F. Karlinski, Director	Jan. 21, 1875	
63	11 9 186	S. 45	Pam. 1	G. 40	Prague Observatory Dr. Carl Hornstein, Director	Jan. 21, 1875	

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1873

Feb.	1	Verzeichniss von 4093 telescopischen Sternen (duplicate of that received Feb. 6)	München 1872
March	5	Catalogue of Scientific Papers. (1800-1863.) Compiled and published by the Royal Society of London. Vol. VI.	London 1872 4to
March	10	Almanaque Nautico para 1874, calculado de órden de la Superioridad en el Observatorio de Marina de la Ciudad de San Fernando.	Cádiz 1872 4to
March	28	Mémoire sur les Conditions d'Equilibre et sur la Nature Probable des Anneaux de Saturne. Par G. A. Hirn.	Nancy 4to
April	1	The Nautical Almanac and Astronomical Ephemeris for the years 1870, 1871, 1872, 1873, 1874, 1875.	London 1866 to 1871 8vo
April	12	Détermination Télégraphique de la Différence de Longitude entre des Stations Suisses par E. Plantamour et R. Hirsch. I. Entre la Station Astronomique du Weissenstein et l'Observatoire de Neuchatel, en 1868. II. Entre l'Observatoire de Berne et celui de Neuchatel, en 1869.	Genève et Bale 1872 4to
April	23	A Treatise on Electricity and Magnetism by James Clerk Maxwell.	Oxford 1873 8vo 2 vols.
April	24	A Treatise on Magnetism, designed for the use of Students in the University. By George Biddell Airy.	London 1870 8vo
April	25	Astronomical and Meteorological Observations made during the year 1870 at the United States Naval Observatory	Washington 1873 4to
May	5	Report of the Superintendent of the United States Coast Survey, showing the Progress of the Survey during the Year 1869.	4to Washington 1872
May	5	Catalogue of the Mean Declinations of 9881 Stars between twelve hours & twenty-six hours of Right Ascension and thirty degrees & sixty degrees of North Declination for January 1, 1875. Prepared under the Direction of Bvt. Brig. Gen. C. B. Comstock, U. S. A., by Prof. J. H. Safford.	4to Washington 1873
July	2	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory Greenwich, read 1873 June 7.	4to
July	2	Handbuch des Erdmagnetismus. Von Dr. J. Lamont.	8vo Berlin 1849
July	2	Terrestrial & Cosmical Magnetism. By Edward Walker, M. A.	8vo Cambridge 1866
July	2	Annalen der Sternwarte in Leiden, herausgegeben von Dr. F. Kaiser. Dritter Band.	4to Haag 1872

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64	9 6 352	S 46	Pam. B	G 41	Munich Observatory		Duplicates
65	11 9 763	B 19	2 2	P 22	B. Westermann & Co.		
66	10 7 509	S. 47	Pam. 7	G. 42	San Fernando Observatory.		Jan. 23, 1875
67	11 9 47	S. 48	Pam. 4	P. 23	B. Westermann & Co.		
68, 69 70, 71 72, 73	9 6 about 875 each	S 49, 50 51, 52 53, 54	E.	P 24, 25 26, 27 28, 29	B. Westermann & Co.		
74	11½ 9 160	S. 55	Pam. 4	G. 43	Prof. E. Plantamour, Geneva { Also received (see Periodicals) Quarterly Journal Met. Soc. Oct. 1872 Oversigt Kd. Selsk. 1871, 3 & 1872, 1 }		Jan. 21, 1875
75 76	9 6 425 438	B 20 B 21	5 3 5 3	P 30 P 31	C. W. Sever		
77	7½ 5 220	B 22	5 3	P. 32	B. Westermann & Co.		
78	12 9 874	B 23	E.	G 44	U. S. Naval Observatory		
79	11½ 9 250	B. 24		G. 45	Coast Survey Office		
80	12 9 52	B 25	3 1	G 46	Chief of Engineers.		
81	12 10 24	S 56	Pam. 4	G 47	Greenwich Observatory.		Jan. 21, 1875
82	9 6 264	S 57	Pam. 1	P 33	B. Westermann & Co.		
83	9 6 336	B 26	05 a	S 34	B. Westermann & Co.		
84	12 9 274	B 27	58	G 48	Leyden Observatory; H. G. van de Sande Bakhuyzen, Director.		Jan. 19, 1875

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1873 July	2	Processen-Verbaal van de Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, afdeeling Natuurkunde, Jan Mei 1871 tot en met April 1872.	8vo	85
July	2	Jaarboek van de Koninklijke Akademie van Wetenschappen, gevestigd te Amsterdam voor 1871.	Amsterdam 8vo	86
July	2	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXI.	loose sheets	87
July	2	Siebenundfunfzigster Jahresbericht der naturforschenden Gesellschaft in Emden. 1871	Emden 1872	88
July	2	Kleine Schriften der naturforschenden Gesellschaft zu Emden. XVII. Die Winde in ihrer Beziehung zur Salubrität und Morbilität. Von Prof. Dr. Prestel.	Emden 1872 8vo	89
July	2	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde. Tweede Reeks, Deel VI.	Amsterdam 1872 8vo	90
July	2	Memorias da Academia Real das Sciencias de Lisboa. Classe de Sciencias Mathematicas, Physicas e Naturaes. Nova Serie. Tomo I, Parte I, II. Tomo II, Parte I, II. Tomo III, Parte I, II. Tomo IV, Parte I, II. Classe de Sciencias Moraes, Politicas e Bellas-Lettras. Nova Serie. Tomo I, Parte I, II. Tomo II, Parte II. Tomo III, Parte I, II, & Appendix to Parte II (list of medals etc.) Jornal de Sciencias Mathematicas, Physicas e Naturaes, publicado sob os auspicios da Academia Real das Sciencias de Lisboa. Tomo I, II, III.	8vo Lisboa 1854 to 1871	91 to 101
July	18	Lord Rosse on the Radiation of Heat from the Moon. Discourse delivered at the Royal Institution of Great Britain, Friday, May 30, 1873.	Tract	102
July	18	Report of the Director of the Allegheny Observatory to the Committee and Board of the Western University, Pennsylvania.	8vo Pittsburgh 1873	103
July	23	Resumé Météorologique de l'année 1872 pour Genève et le Grand St. Bernard. Par E. Plantamour.	Genève 1873 8vo	104
Aug.	1	Annalen des Physikalischen Central-Observatoriums, herausgegeben von H. Wild. Jahrgang 1871.	4to St. Petersburg 1873	111
Aug.	1	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXII.	loose sheets	112

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85	9 5 / 33	S 58	Pam 14	G 49	Amsterdam Academy		Jan. 19, 1875
86	10 6 / 151	S 59	55	G 50	Amsterdam Academy		Jan. 19, 1875
87	8½ 5½ / 32	S. 60	Pam. 4	G. 51	Dr. R. Wolf, Zurich.		Jan. 21, 1875
88	8½ 5½ / 42	S. 61	Pam. 4	G. 52	Emden Society.		Jan. 28, 1875
89	10 6½ / 19	S. 62	Pam 1	G. 53	Emden Society.		Jan. 28, 1875
					[Also { Quarterly Journal Vol. 1 No. 5 / Munich Academy Index 1860–1870, 1871–72 II } See Meridional]		Jan. 29, 1875
90	9 6 / 381	S 63	4 3	G 54	Amsterdam Academy		Jan. 19, 1875
91 to 107	11 9 / about 200 each	S. 64 to S 80	F 1	G 55 to 71	Lisbon Academy		Jan. 29, 1875
	10 6½ / about 200 each		F 1				
108	8½ 5½ / 6	S. 81	Pam. 4	G. 72	Lord Rosse		Jan. 29, 1875
109	9 6 / 8	S. 82	Pam. 13	G. 73	Allegheny Observatory.		
110	9 6 / 120	S 83	Pam. 1	G 74	Prof. E. Plantamour, Geneva.		Jan. 21, 1875
111	12½ 9½ / 775	S 84	E 1	G 75	Central Physical Observatory St. Petersburg: H. Wild, Director.		Jan. 19, 1875
112	8½ 5 / 30	S 85	Pam. 4	G. 76	Dr. R. Wolf, Zurich.		Jan. 21, 1875

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1873 July	1	Results of Five Years' Meteorological Observations for Hobart Town; with which are incorporated the results of Twenty-five Years' Observations previously published by the Royal Society of Tasmania, completing a Period of Thirty Years. Compiled from the Papers and Proceedings of the Royal Society of Tasmania from Observations gratuitously made at the Private Observatory by Francis Abbott.	4to. Hobart Town 1872	11
Aug.	28	Lehrbuch der Physik zum Gebrauche bei Vorlesungen und zum Selbstunterrichte von Dr. W. Eisenlohr. Zehnte Auflage.	Stuttgart 1870 8vo.	11
Aug.	28	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. XIII.	Milan & Naples 1873 4to.	11
		I Precursori di Copernico nell' Antichità. Ricerche Storiche di G. V. Schiaparelli		11
Aug.	28	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read at the Annual Visitation of the Royal Observatory, June 7. 1873 [Duplicate of that received July 2.]	4to.	11
Aug.	28	Annalen der k. k. Sternwarte in Wien. Dritter Folge Neunzehnter Band. Jahrgang 1869.	Wien 1872 8vo.	11
~~Oct.~~				
Sept.	20	Mittlere Oerter für 1873.0 von 539 Sternen und scheinbare Oerter für das Jahr 1873 von 529 Sternen des Verzeichnisses I. und II. welches nach der Vierteljahrsschrift der Astronomischen Gesellschaft ... für die Beobachtung der Sterne der nördlichen Halbkugel ... als Grundlage dienen soll. — Herausgegeben von der Redaction des Berliner Astronomischen Jahrbuchs.	Berlin 1873 8vo.	1
Sept.	20	Spektralanalys, Exposé och Historik, af Rob. Thalén.	Upsala 1866 8vo.	2
Sept.	24	Leyton Astronomical Observations, Part III. Astronomical Observations taken during the years 1870-72 at the Private Observatory of Joseph Gurney Barclay, Esq., Leyton, Essex.	4to. London 1873	3
Sept.	25	Atlas of the City of Cambridge, Mass., by G. M. Hopkins.	Philadelphia 1873 folio	4
Sept.	26	American Ephemeris and Nautical Almanac for the year 1876.	Washington 1873 8vo.	5
Sept.	27	The Unity of Natural Phenomena. From the French of Emile Saigey, with an Introduction and Notes by Thomas Freeman Mooses.	Boston 1873 8vo.	6

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113	12½ 9½ 37	S86	Pam. 1	G 77	F. Abbott, Hobart Town, Tasmania.		Jan. 29, 1875
					[Also recd. Quarterly Journal Met. Soc. 1st Periodicals]		
114	9 6 808	B28	5 4	P35	Schönhof & Möller.		
115	13 9½ 5 1	S.87	Pam. 4	G. 78	Milan Observatory.		Jan. 29, 1875
116	12 10 24	S88	Pam 4	G 79	Greenwich Observatory	(Duplicate)	
117	10 7 122	S.89	Pam. 13	G. 80	Vienna Observatory (Carl von Lattrow Director.)		Jan. 20, 1875,
1	9½ 6½ 90	S.1	Pam. 4	P. 1	B. Westermann & Co.		
2	10 6½ 122	S.2	Pam 4	P. 2	B. Westermann & Co.		
3	11 8½ 41	S 3	33a	G. 1	J. G. Barclay		Jan. 29, 1875
4	18 14½ 69	B. 1	E	P. 3	G. M. Lane		
5	10½ 6½ 500	S 4	Pam. 7	G. 2	Office of Am. Ephemeris J. H. C. Coffin, Supt.		
6	8 5 253	B 2	5 4	P. 4	L. Trouvelot		

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1873 Oct.	18	Der Vorübergang der Venus vor der Sonnenscheibe am 9 December 1874 und die Bestimmung der Entfernung der Sonne. Gemeinfasslich dargestellt von Dr. F. Chorr	Braunschweig 1873 8vo	7
Oct.	18	Das Wärmespectrum der Sonne. Kritische Einleitung in die Identitätslehre von Licht und Wärme der heutigen Physik. Von Camillo Schramek.	8vo Wien 1872	8
Oct.	18	Planet-Observationer anställda År 1872 på Lunds Observatorium, utgifna af Axel Möller	4to Lund 1873	9
Oct.	18	Om Fayeska Kometens stora störning år 1841. Af Axel Möller	from Proceedings Stockholm Acad. 8 Jan. 1873	10
Oct.	20	Rapporti sulle Osservazioni dell' Edisse Totale di Sole del 22 Dicembre 1870 eseguite in Sicilia dalla Commissione Italiana.	4to Palermo 1872	11
Oct.	20	Annales de l'Observatoire Royal de Bruxelles. Tome XXI.	4to Bruxelles 1872	12
Oct.	20	Notices extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1872. (Same for 1873)		13 14
Oct.	20	Sur les Etoiles Filantes et sur les Aurores Boréales. Nov. 1871 Aug. Sept. 1872	from the Bulletin of the Brussel Academy	15
Oct.	20	Premier Siècle de l'Académie Royale de Belgique; par Ad. Quetelet.	8vo Bruxelles 1872	16
Oct.	20	De l'Astronomie dans l'Académie Royale de Belgique. Rapport Séculaire (1772-1872), par Ed. Mailly.	8vo Bruxelles 1872	17
Oct.	20	Tableau de l'Astronomie dans l'Hémisphère Austral et dans l'Inde. Par Ed. Mailly	8vo Bruxelles 1872	18
Oct.	23	Ueber eine angebliche Veränderlichkeit des Sonnendurchmessers. Von A. Auwers.	8vo Berlin 1873	19
Oct.	27	Norsk Meteorologisk Aarbog for 1871 -	Christiania 1872	20
Oct.	27	Tordenvejr i Norge i 1870. Af H. Mohn.	from Roc. of Soc. for 1871	21
Oct.	27	Die Pflanzenwelt Norwegens. Von Dr. Fr. C. Schübeler.	4to Christiania 1873	22
Oct.	27	Om Vind og Vejr. Af H. Mohn.	Christiania 1872	23
Nov.	8	Geschichte der Sternwarte der Benediktiner-Abtei Kremsmünster. Von P. Sigmund Fellöcker.	Linz 1864 small folio	24
Nov.	8	Resultate aus den auf der Sternwarte zu Kremsmünster angestellten meteorologischen Beobachtungen. Von Dr. Augustin Reslhuber. (Years 1867, 1868.)	Linz 1868 1870 8vo	25 26
Nov.	17	Astronomische Undulationstheorie oder die Lehre von der Aberration des Lichtes. Von Dr. E. Ketteler.	Bonn 1873 8vo	27

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7	medium red pamphlet	S 5	Pam. 4	P. 5	B. Westermann & Co.		
8	medium blue pam.	S. 6	Pam. 4	P. 6	B. Westermann & Co.		
9	large thin gray pam.	S. 7	Pam. 13	G. 3	Lund Observatory		Jan. 21, 1875
10	small thin gray pam.	S. 8	Pam. 4	G. 4	Lund Observatory		Jan. 21, 1875
11	long stout yellow pam.	S. 9	Pam. 4	G 5	Prof. G Cacciatore, Palermo.		Jan. 29, 1875
12	large stout vol.	B. 3	31 a	G. 6	Brussels Observatory A. Quetelet, Director.		Jan. 19, 1875
13	small stout green pam.	S. 10	Pam. 1	G. 7	Brussels Observatory.		Jan. 19, 1875
14		11		8			
15	loose sheets	S. 12	Pam. 1	G 9	Brussels Observatory		Jan. 19, 1875
16	long stout red disk pam.	S. 13	Pam. 13	G 10	A. Quetelet.		Jan. 19, 1875
17	long stout green pam.	S. 14	Pam. 13	G. 11	E. Mailly.		Jan. 19, 1875
					Also rec'd Oct. 20 Palermo Bulletins Oversigt 1872 2 Comptes Rendus XIX (no Periodicals)		Jan. 29, 1875
18	med. yellow pam.	S. 15	Pam. 13	G. 12	E. Mailly.		Jan. 19, 1875
19	med. thin dark gray pam.	S. 16	Pam. 4	G. 13	A. Auwers.		Jan. 21, 1875
20	short wide thick pam.	S. 17	Pam. 1	G. 14	Norwegian Meteorological Institute Christiania University, or Royal Norwegian — " —		Jan. 29, 1875
21	small red pam.	S. 18	Pam 1	G. 15			
22	large yellow pam	S. 19	Pam. 1	G. 16	" " — " —		Jan. 29, 1875
23	small stout brown pam.	S. 20	Pam 1	G. 16	" " — " —		Jan. 29, 1875
24	square brown book thin covers	B. 4	Pam. 13	G. 17	Abbey of Kremsmünster D. A. Reslhuber, Abbot, & Director of Observatory		Jan. 29, 1875
25	small pams	S 21	Pam. 1	G. 18	Abbey of Kremsmünster		Jan. 29, 1875
26		S 22		19			
27	stout yellow pam.	S. 23	Pam. 4	P 7	B. Westermann & Co.		

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1873

Nov.	17	Astronomical Observations and Researches made at Dunsink the Observatory of Trinity College, Dublin. Second Part.	4to Dublin 1873	2
Nov.	17	Climats, Géologie, Faune, et Géographie Botanique du Brésil. Par Emmanuel Liais, Directeur de l'Observatoire Impérial de Rio de Janeiro.	8vo Paris 1872	29
Nov.	17	Carl Friedrich Gauss Werke. Band IV.	4to Göttingen 1873	3
Nov.	17	Annalen der Königlichen Sternwarte bei München. XIX. Band	München 1873	3
Nov.	17	Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory Oxford, in the year 1870. Vol. XXX.	4to Oxford 1873	3
Nov.	17	Observations faites dans les Stations Astronomiques Suisses. Par E. Plantamour.	4to Geneve, Bâle Lyon, 1873	3
Nov.	17	An Investigation of the Orbit of Uranus, with General Tables of its motion. By Simon Newcomb. (Smithsonian Contributions to Knowledge, 262.)	4to Washington 1873	3
Nov.	20	Nachtrag zu den Untersuchungen über die veränderliche Eigenbewegungen des Procyon, von A. Auwers.	8vo Berlin 1873	3
Dec.	4	Observations of the Spots on the Sun from November 9, 1853 to March 24, 1861, made at Redhill, by Richard Christopher Carrington.	4to London Edinburgh 1863	3
Dec.	13	Beobachtungen angestellt auf der Sternwarte des Kammerherrn von Bülow zu Bothkamp. Heft II. Herausgegeben von Dr. H. C. Vogel.	4to Leipzig 1873.	3
Dec.	24	Transactions of the Connecticut Academy of Arts and Sciences. Vol. II Part 2.	8vo New Haven 1873	38
1874 Jan.	13	Memorie del R. Osservatorio di Firenze ad Arcetri. Tomo I. Num. 1.	Firenze 1873 4to.	3
Jan.	27	Le Congrès Météorologique de Vienne en 1873. E. Plantamour.	From the Archives des Sciences de la Bibliothèque Universelle, Decembre 1873	4
Feb.	5	The Boston Almanac and Business Directory. 1874.	16mo Boston	4
Feb.	9	Astronomical and Meteorological Observations made during the year 1871 at the United States Naval Observatory	Washington 1873	4
Feb.	14	Carl Friedrich Gauss Werke. Siebenter Band.	Gotha 1871 4to	43

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28	large yellow pam.	S. 24	Pam. 13	G. 20	Prof. Brünnow, Director of the Observatory.		Jan. 19, 1875.
29	stout yellow pam.	S. 25	Pam. 1	G. 21	Imperial Government of Brazil, by A. P. de Carvalho Borges Brazilian Minister in Washington.		Jan. 29, 1875
30	brown square vol. pasteboard	B. 5	22	P. 8	B. Westermann & Co.		
31	green pam.	S. 26	Pam. 13	G. 22	Munich Observatory		Jan. 21, 1875
32	dark cloth	B. 6		G. 23	Radcliffe Observatory		Jan. 21, 1875
33	brown square pam.	S. 27	Pam. 13	G. 24	Prof. E. Plantamour, Geneva		Jan. 21, 1875
34	large gray pasteboard binding	B. 7	E.	G. 25	Smithsonian Institution.		
35	small dark brown pam.	S. 28	Pam. 4	G. 26	Prof. A. Auwers, Berlin		Jan. 21, 1875
36	large thick vol. dark cl.	B. 8	E.	P. 9	B. Westermann & Co.		
37	large yellow pam.	S. 29	Pam. 13	P. 10	B. Westermann & Co.		
38	large gray pam.	S. 30	Pam. 9	G. 27	Connecticut Academy		
39	large thin gray pam.	S. 31	Pam. 13	G. 28	Florence Observatory.		Jan. 29, 1875
40	gray pam.	S. 32	Pam. 1	G. 29	Prof. E. Plantamour, Geneva.		Jan. 21, 1875
41	small black cloth binding	B. 9	Pam. 1	P. 11	Sampson Davenport & Co.		
42	large red cloth vol.	B. 10	E.	G. 30	U. S. Naval Observatory		
43	brown square vol. bds.	B. 11	22	P. 12	B. Westermann & Co.		

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Feb.	28	Materyały do Klimatografii Galicyi zebrane przez sekcyę meteorologiczną komisyi fizyograficznéj C.K. towarzystwa nauk. K. Kraków. Rok 1872.	Krakow 1873 8vo	44
Feb.	28	Mémoires de la Société Nationale des Sciences Naturelles de Cherbourg. Tome XVIII.	Cherbourg 1873 8vo	48
Feb.	28	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXIII	loose sheets	46
Feb.	28	58ter Jahresbericht der Naturforschenden Gesellschaft in Emden. 1872	Emden 1873	47
Feb.	28	Quarterly Journal of the Meteorological Society. Vol. I New Series. No. 8. October 1873.	London 8vo	48
Feb.	28	Verzeichniss der Mitglieder der k. k. Akademie der Wissenschaften 1873.	4to München 1873	49
Feb.	28	R. Istituto di Studi Superiori di Firenze. Memorie del R. Osservatorio ad Arcetri. Tomo 1. Num. 1	Firenze 1873 4to	50
Feb.	28	Mélanges Mathématiques et Astronomiques tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome V. Beobachtung des Procyon als Doppelstern. Von O. Struve.	Aus dem Bulletin T. XVIII p 564-569	51
Feb.	28	Mémoires de l'Académie Impériale des Sciences de St.-Pétersbourg, VIIe Série. Tome XVIII No. 10 et dernier. Untersuchungen über die Theorie des Encke'schen Cometen. I. Berechnung eines wichtigen Theiles der absoluten Jupiterstörungen des Encke'schen Cometen. Von Dr. Emil von Asten.	4to St. Pétersbourg 1872	52
Feb.	28	Mémoires de l'Académie Impériale des Sciences de St.-Pétersbourg, VIIe Série. Tome XIX, No. 2. Bestimmung der Nutation der Erdachse. Von Dr. Magnus Nyrén.	4to St. Pétersbourg 1872	53
Feb.	28	Observations de Poulkova, publiées par Otto Struve, Directeur de l'Observatoire Central Nicolas. Volume IV. Observations faites au Cercle Vertical.	St. Pétersbourg 1872 4to	54
Feb.	28	Observations de Poulkova, publiées par Otto Struve, Directeur de l'Observatoire Central Nicolas. Volume V. Déduction des Déclinaisons du Catalogue Principal. Observations faites au Cercle Vertical 1844 Janvier 4 — 1849 Juillet 8	4to St. Pétersbourg 1873	55
Feb.	28	Déclinaisons Moyennes des Etoiles Principales pour l'époque 1845.0 déduites des Observations faites au Cercle Vertical de Poulkova dans les années 1842-1849. (Extrait du vol. IV des Observations de Poulkova.)	4to St. Pétersbourg 1872	56

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44	green pam.	S 33	Pam 1	G 31	Krakow Observatory		Jan. 21, 1875
45	about yellow pam.	S. 34	Pam 9	G. 32	Cherbourg Scientific Association		Jan. 19, 1875
46	loose sheet	S 35	Pam 4	G. 33	Dr. R. Wolf, Zurich		Jan. 21, 1875
47	no covers	S 36	Pam 4	G. 34	Emden Scientific Association.		Jan. 28, 1875
48	pamphlets pam	S 37	Pam 9	G. 35	Meteorological Society		
49	large thin yellow pam.	S 38	Pam 13	G. 36	Munich Academy (Also Sitzb. 1872 II 1873 I Periodicals)		Jan. 29, 1875 Jan. 29, 1875
50	large thin pamphlet pam.	S. 39	Pam 13	G. 37	Arcetri Observatory		Duplicate.
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52	large yellow pam.	S 41	Pam 4	G. 39	Pulkowa Observatory		Jan. 21, 1875
53	large yellow pam.	S 42	Pam 4	G. 40	Pulkowa Observatory		Jan. 21, 1875
54	gray boards	B 12	Pam 13	G 41	Pulkowa Observatory.		Jan. 21, 1875
55	gray boards	B 13	Pam 13	G 42	Pulkowa Observatory.		Jan. 21, 1875
56	gray pam. large thin	S 43	Pam 13	G 43	Pulkowa Observatory.		Jan. 21, 1875

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March	6	The Moon; her Motions, Aspect, Scenery, and Physical Condition. By Richard A. Proctor.	8vo. London 1873	57
March	6	Astronomische Beobachtungen angestellt auf der Sternwarte des Königlichen Lyzeums in Speyer, von F. M. Schwerd. Erste Abtheilung. Beobachtungen des Jahrs 1826. Zweyte Abtheilung. Beobachtungen des Jahrs 1827.	2 vols 4to. Speyer 1829 1830	58 59
March	7	Astronomical and Magnetical and Meteorological Observations, made at the Royal Observatory, Greenwich, in the year 1871	4to. London 1873	60
March	7	History and Description of the Water Telescope of the Royal Observatory, Greenwich.	Extract from the Greenwich Observations 1871	61
March	8	Results of Astronomical Observations made at the Royal Observatory, Cape of Good Hope in the year 1857.	Cape Town 1872 8vo.	62
March	18	Ueber den Winnecke'schen Kometen. (Komet III 1819.) II Abhandlung. Von Prof. Theodor Ritter von Oppolzer.	From Vol. 68 of Vienna Acad. Proc. 1873	63
March	18	Nachweis für die im Berliner Jahrbuche für 1876 enthaltenen Ephemeriden der Planeten (58) Concordia, (59) Elpis, (62) Erato (64) Angelina, und (113) Amalthea Von Prof. Theodor R. von Oppolzer.	From Vol 67 of Vienna Acad. Proc. 1873	64
March	19	Mikrometrisk Bestämning af 104 Stjernor inom Teleskopiska Stjerngruppen 20 Vulpeculae af Dr. Herman Schultz.	4to Stockholm 1873 Stockholm Acad. Mem. Vol. 11 No. 3	65
March	20	Determinazione del Diametro Solare mediante lo Studio delle Esagerazioni a cui vanno soggette le Grandezze Apparenti degli Astri. Nota Prima di Giuseppe Mazzola.	8vo. Torino 1873	66
March	20	Effemeridi del Sole, della Luna, e dei principali Pianeti, calcolate per Torino in tempo Medio Civile di Roma per l'anno 1873 dall' Assistente Professore Giuseppe Mazzola.	8vo. Torino 1873	67
March	30	Bulletin of the Minnesota Academy of Natural Sciences, for 1874	Minneapolis 1874	68
March	31	London, Edinburgh & Dublin Philosophical Magazine, and Journal of Science. Nos. 264 (July 1870) to 311 (March 1874) inclusive	London 8vo.	69 116 117
March	31	Proceedings of the Royal Society of London, Vols. XVII to XXI inclusive.	London 8vo.	121
April	6	A New and Complete Illustration of the Celestial Science of Astrology. By Ebenezer Sibly.	4to London 1784	122
April	16	Annalen der K. k. Sternwarte in Wien. Dritter Folge. Zwanzigster Band. Jahrgang 1870.	8vo. Wien 1873	123

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57	1 vol. red cl.	B 14	5 3	P 13	Schoenhof, Moeller & Co.		
58 59	gray paper	B 43 44	Pam. 13	P. 14 15	Schoenhof, Moeller & Co.		
60	gray boards	B 15	E	G 44	Greenwich Observatory.	Jan. 21, 1875	
61	gray boards	B 16	E	G 45	Greenwich Observatory.	Jan. 21, 1875	
62	blue cloth small	B 17	31	G. 46	Cape of Good Hope Observatory through Greenwich "	Jan. 21, 1875	
63	brown pam.	S. 45	Pam. 5	G 47	Prof. von Oppolzer	Jan. 20, 1875	
64	no covers paper.	S. 46	Pam. 4	G. 48	Prof. von Oppolzer	Jan. 20, 1875	
65	brown paper large thin	S. 47	Pam. 4	G. 49	Dr. H. Schultz, Stockholm.	Jan. 29 1875	
66	brown pam.	S 48	Pam. 4	G. 50	Prof. Mazzola, Turin Observatory.	Jan. 29, 1875	
67	red pam.	S. 49	Pam. 4	G. 51	Turin Observatory (Mss Bolletino for 1872 See Periodicals)	Jan. 29 1875 Jan. 29 1875	
68	gray pam.	S. 50	Pam. 13	G. 52	Minnesota Academy of Natural Sciences, Minneapolis.		
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1874			
April	16	Ueber Cometen und deren Zusammenhang mit Sternschnuppen. Zwei Vorträge von Dr. Edmund Weiss.	8vo Wien 1867
April	16	Greenwich Observations 1871. Duplicate received March 7	London 1873
April	16	Greenwich Astronomical Results 1871 Extracted from Greenwich Observations 1871	London 1873
April	16	Greenwich Magnetical and Meteorological Observations 1871	Extract from Greenwich Observations 1871
April	16	Sur la Fausseté de la Proposition que la Réfraction des Rayons Lumineux est modifiée par le Mouvement de la Source Lumineuse et du Reste, par F. S. M. Van der Willigen.	4to Harlem 1874
April	28	Comptes Rendus Hebdomadaires de l'Académie des Sciences. Tomes 71, 72, 73, 74, 75, 76. (July 1870 to June 1873 inclusive)	4to Paris 1870 to 1873
May	6	Der Antheil der K. bayerischen Akademie der Wissenschaften an der Entwickelung der Electricitätslehre. Von W. Beetz	4to München 1873
May	6	Verhandelingen der Koninklijke Akademie van Wetenschappen. Dertiende Deel.	4to Amsterdam 1873
May	6	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Zevende Deel.	8vo Amsterdam 1873
May	6	Jaarboek van de Koninklijke Akademie van Wetenschappen gevestigd te Amsterdam Voor 1872	8vo Amsterdam 1873
May	6	Processen-Verbaal van de Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde Van Mei 1872 tot en met April 1873	8vo Amsterdam 1873
May	11	The Bakerian Lecture. On the Radiation of Heat from the Moon, the Law of its Absorption by our Atmosphere, and of its Variation in Amount with her Phases. By the Earl of Rosse.	From the Phil. Trans.
May	19	Les Passages de Vénus sur le Disque Solaire. Passage de 1874. Notions Historiques sur les Passages de 1761 et 1769. Par Edmond Dubois.	8vo Paris 1873
May	27	The American Cyclopaedia (Appletons'). Vols. I, II, III, IV.	8vo New York 1873 1874
June	13	Proceedings of the American Academy. New Series, Vol I. Whole Series, Vol. IX. 1873-1874.	Boston 1874
June	25	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich read at the Annual Visitation of the Royal Observatory 1874, June 6.	

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124	small blue pam.	S. 100	Pam. 5	G. 54	Prof. Weiss, Vienna	Jan. 19, 1875
125	stout quarto	B 24	F	G. 55	Royal Astronomical Society	Jan. 19, 1875
126	thin quarto	B. 25	F	G. 56	Royal Astronomical Society	Jan. 19, 1875
127	thin quarto	B. 26	F	G 57	Royal Astronomical Society (Also Oversight etc. See Periodicals	Jan. 19, 1875 Jan. 29, 1875
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129 to 134	stout vols. ½ sheep	B 27 to 32		P 70 to 75	Schoenhof & Moeller	
135	green square pam.	S. 102	Pam. 4	G. 59	Munich Academy Also Sitz. 1873 II; see Periodicals	Jan. 29, 1875 Jan. 29, 1875
136	gray square vol	B 33	4	3 G. 60	Amsterdam Academy	Jan. 19, 1875
137	gray stout vol	B 34	5	5 G. 61	Amsterdam Academy	Jan. 19, 1875
138	gray vol.	B 35	5	5 G. 62	Amsterdam Academy	Jan. 19, 1875
139	gray pam	S 103	Pam. 14	G. 63	Amsterdam Academy	Jan. 19, 1875
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147	no covers	S 107	Pam. 4	G. 66	Greenwich Observatory	Jan. 21, 1875

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1874			
June	29	The American Cyclopaedia (Appleton's) Vols. V, VII.	8vo New York 1874
June	29	Il Dieteroscopio di Giovanni Luvini	8vo Torino 1874
July	6	Berliner Astronomisches Jahrbuch für 1876, mit Ephemeriden der Planeten (1)–(134) für 1874	8vo Berlin 1874
July	23	Theory of the Motion of the Heavenly Bodies moving about the Sun in Conic Sections; a translation of Gauss's "Theoria Motus." With an Appendix. By Charles Henry Davis.	4to Boston 1857
Aug.	4	The American Cyclopaedia (Appleton's) Vol. VIII	8vo New York 1874.
Aug.	6	Annalen des Physikalischen Centralobservatoriums Jahrgang 1872.	St. Petersburg 1873.
Aug.	6	Jahresbericht des Physikalischen Centralobservatoriums für 1871 und 1872.	St. Petersburg 1873
Aug.	6	Nederlandsch Meteorologisch Jaarboek voor 1873.	Utrecht 1873
Aug.	6	Handelingen van het Provincial Genootschap van Kunsten en Wetenschappen in Noord-Brabant over het jaar 1872.	's Hertogenbosch 1872 8vo
Aug.	6	Verzameling van Oorkunden betrekkelijk het Beleg van 's Hertogenbosch in den Jare 1629. 3de Stuk.	's Hertogenbosch 8vo 1871
Aug.	6	Natuurkundig Tijdschrift voor Nederlandsch Indie. Deel XXXII. 7de Serie. Deel II. Afdeeling 1–3. Aflevering 4–6.	8vo Batavia and 's Gravenhage 1873, 1873
Aug.	6	Astronomische Mittheilungen. XXXIV, XXXV. Von Dr. Rudolf Wolf.	loose sheets
Aug.	10	Untersuchungen über die Spectra der Planeten, von Dr. H. C. Vogel.	8vo Leipzig 1874.
Aug.	10	The Moon: considered as a Planet, a World, and a Satellite. By James Nasmyth and James Carpenter.	4to London 1874
Aug.	15	Third Report of the Meteorological Office of the Dominion of Canada, for the fiscal year ended June 30, 1873. By G. T. Kingston	Report presented November 1873
Aug.	15	Report of the Astronomer Royal read 1874 June 6	Duplicate of that received June 25
Aug.	18	American Ephemeris and Nautical Almanac for the year 1877.	Washington 1874
Aug.	18	Tables and Formulae useful in Surveying Geodesy, and Practical Astronomy. By Thos. J. Lee. No. 12 of the Professional Papers of the Corps of Engineers of the United States Army. Third Edition.	Washington 1873 8vo

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148	½ mor.	B 40	Clerk	P 81	Agents of D. Appleton & Co.		
149	reddish	41	Room	82			
150	purplish pam.	S 108	Pam. 4	G 67	Prof. G. Lavini, Regia Accademia Militare, Torino.	Jan. 29, 1875	
151	gray pam.	S. 109	2 5	P 83	B. Westermann & Co.		
152	brown cloth	B 42	E.	P. 84	C. W. Sever		
153	½ mor. reddish	B 43	Clerk Room	P. 85	Agents of D. Appleton & Co.		
153	stout blue quarto	S. 110	E.	G 68	Central Physical Observatory St. Petersburg. Dr. H. Wild, Director. (Also Rep. für Met. Bd. III. See Periodicals)	Jan. 19, 1875	
154	large light brown quarto	S. 111	E.	G. 69	Central Physical Observatory	Jan. 19, 1875	
155	light brown short band	B 44	Pam. 1	G. 70	Utrecht Meteorological Institute (Kon. Ned. Met. Institut) Through the Bureau Central Neerlandais	Jan. 19, 1875	
156	blue pam.	S 112	Pam. 13	G. 71	Provincial Association of Arts & Sciences in North Brabant Through the Bureau Central Neerlandais	Jan. 19, 1875	
157	gray pam.	S. 113	Pam. 13	G 72	Provincial Association of Arts and Sciences in North Brabant Through the Bureau Central Neerlandais	Jan. 19, 1875	
158	yellow	S 114	Pam. 13	G 73	Kon. Natuurkundige Vereeniging in Nederlandsch Indie. Through the Bureau Central Neerlandais. (Also Oversigt 1873 No. 2.) See Periodicals.	Jan. 19, 1875	
159	pams.	115		74			
160	loose	S 116	Pam. 4	G 75	Dr. R. Wolf, Zurich.	Jan. 21, 1875	
161	sheets	117		76			
162	gray pam.	S 118	Pam. 4	P. 86	B. Westermann & Co.		
163	blue cloth	B 45	5 3	P. 87	Schoenhof, Moeller & Co. (Also Phil. Trans. 160, II; 161, I.)		
164	blue pam.	S. 119	Pam. 1	G 77	G. T. Kingston, Esq., M. A. Magnetic Observatory Toronto, Canada.	Aug. 15, 1874	
165	no covers	S. 120	Pam. 4	G 78	Not known		
166	red pam.	S. 121	Pam. 1	G. 79	Prof. J. H. C. Coffin, Supt.		
167	reddish cloth	B 46	1 2	G 80			

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1874			
Aug.	19	Annalen der K.K. Sternwarte in Wien. Dritter Folge. 21ter Band. Jahrgang 1871	8vo. Wien 1874
Aug.	19	Magnetische und Meteorologische Beobachtungen an der K.K. Sternwarte zu Prag im Jahre 1872	4to. Prag 1873
Aug.	21	Meteorological Observations made at the Private Observatory of John Tebbutt, The Peninsula, Windsor, New South Wales, in the years 1867, 1868, 1869, and 1870, by John Tebbutt.	small folio Sydney 1874
Aug.	27	Sulla posizione dell'asse di rotazione della Terra rispetto all'asse di figura. Memoria di Emmanuele Fergola.	4to. Napoli 1874
Aug.	28	Mittlere Oerter für 1874.0 von 539 Sternen und scheinbare Oerter für das Jahr 1874 von 529 Sternen ----- herausgegeben von der Redaction des Berliner Astronomischen Jahrbuchs.	8vo. Berlin 1874
Aug.	28	Spectres Lumineux. Spectres Rismatiques et en longueurs d'ondes, destinés aux recherches de Chimie minérale, par M. Lecoq de Boisbaudran. Texte et Atlas.	8vo. 2 vols. Paris 1874
Aug.	28	Atlas des südlichen gestirnten Himmels. Darstellung der zwischen dem Südpol und dem 20. Grad Südlicher Abweichung mit blossen Augen sichtbaren Sterne nach ihren wahren, unmittelbar vom Himmel entnommenen Grössen. Von Dr. Carl Behrmann. Atlas und Sternverzeichniss.	Atlas and 8vo. pam. Leipzig 1874
Aug.	29	Supplement to the American Ephemeris and Nautical Almanac for the years 1874, 1875, 1876, and 1877. Tables for finding the Latitude of a Place by Altitudes of Polaris.	8vo. Washington 1874
Sept.	1	An Introduction to Physical Measurements, with appendices on absolute electrical measurement, etc. By Dr. F. Kohlrausch. Translated from the second German Edition by Thomas Hutchinson Waller and Henry Richardson Proctor.	8vo. New York 1874
Sept.	1	On the Atmosphere as a Vehicle of Sound. By John Tyndall.	4to. Separately printed from the Phil. Trans.
Sept.	1	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. VII, parte 3.ª Osservazioni di Stelle Cadenti fatte dai Membri dell'Associazione Meteorica Italiana durante l'anno 1872.	4to. Milano e Napoli 1873
Sept.	9	Radcliffe Observations, 1871. Vol. XXXI	8vo. Oxford, 1874

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168	stout purplish pam.	S. 122	Pam. 3	G. 81	Vienna Observatory Prof. C. von Littrow, Director.	Jan. 20, 1875
169	large green pam.	S. 123	Pam. 1	G. 82	Prague Observatory Prof. Dr. Carl Hornstein, Director	Jan. 21, 1875
170	tall blue pam.	S. 124	Pam. 1.	G. 83	John Tebbutt	Jan. 29, 1875
171	large blue pam.	S. 125	Pam. 4	G. 84	Emmanuele Fergola, Royal Observatory of Capodimonte, Naples.	Jan. 29, 1875
172	yellow pam	S. 126	Pam. 4	P 88	B. Westermann & Co.	
173	yellow stout pams.	S. 127	Pam. 4	P. 89	B. Westermann & Co.	
174		128		90		
175	brown pams.	S. 129	Pam. 5	P 91	B. Westermann & Co.	
176		130		92		
177	reddish brown pam.	S. 131	Pam. 4	G. 85	American Ephemeris	
1	green cloth	B 1	5 3	P 1	C. W. Sever	
2	gray pam	S 1	Pam. 4	G 1	Prof. Tyndall	Jan. 29, 1875
3	red pam	S. 2	Pam. 5	G. 2	Milan Observatory	Jan. 29, 1875.
4	dark cloth	B. 2	E.	G 3	Radcliffe Observatory	Jan. 21, 1875

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1874			
Sept.	10	Almanaque Náutico para 1875, calculado de órden de la Superioridad en el Observatorio de Marina de la ciudad de San Fernando.	8vo. Barcelona 1874
Sept.	25	L'Astronomie Pratique et les Observatoires en Europe et en Amérique depuis le milieu du XVIIe Siècle jusqu'à nos jours. Par C. André et G. Rayet Première et Deuxième Parties.	8vo. Paris 1874
Oct.	12	Observaciones Magneticas y Meteorologicas del Colegio de Belen de la Compañia de Jesus en la Habana. Año Meteorologico de 1872	4to. Habana 1874
Oct.	12	Annales de l'Observatoire de Moscou. Volume 1.	4to. Moscou, 1874
Oct.	31	Areographische Fragmente, Manuscript et dessins originaux et inédits de l'astronome J.-H. Schroeter de Lilienthal; par M. F. Terby	From the Memoirs of the Brussels Academy for 1873
Oct.	31	Configuration des taches de la planète Mars à la fin du dix-huitième siècle, d'après les dessins inédits de J. H. Schroeter; par M. F. Terby	From the Bulletins of the Brussels Academy for 1873
Oct.	31	Observations de Jupiter et de Mars faites à Louvain pendant l'opposition de ces planètes en 1873; par M. F. Terby	From the Bulletins of the Brussels Academy for 1873
Nov.	19	Publicationen der Hamburger Sternwarte, No. 1. Der Sternhaufen im Sternbilde des Sobieski'schen Schildes, von F. R. Helmert.	4to. Hamburg 1874
Nov.	26	Tidal Researches, by William Ferrel. Appendix to U. S. Coast Survey Report 1874	4to. Washington 1874
Nov.	25	Discussion of Tides in Boston Harbor. Prepared by William Ferrel. From the Coast Survey Report for 1868	4to. from the Coast Survey Report
Nov.	28	Publicationen der Astronomischen Gesellschaft, No. XIII. Beobachtungen der Sonnenflecken zu Anclam von Prof. Dr. G. Spörer.	4to. Leipzig 1874.
Nov.	28	Results of Astronomical Observations made at the Melbourne Observatory in the years 1869 and 1870 under the direction of Robert L. J. Ellery, Government Astronomer.	8vo. Melbourne 1873
1875 Jan.	12	Pubblicazioni del Reale Osservatorio di Brera in Milano N. VII parte 3a. (Duplicate of that recd. Sept. 1, 1874.	4to. Milano e Napoli 1874

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5	stout blue pann.	S 3	Pam. 7	G. 4	San Fernando Observatory Cecilio Pujazon, Director.		Jan. 23, 1875
6	bluish gray pann	S 4 5	Pam. 4	P 2 3	B. Westermann & Co.		
7							
8	large reddish pann	S 6	Pam. 1.	G. 5	Observatory of Belen College, Havana Rev. Benito Viñes, Director.		Jan. 21, 1875
9	stout yellowish pann.	S. 7	Pam. 3	G. 6	Moscow Observatory Prof. Dr. Th. Bredichin, Director.		Jan. 29, 1875
10	large thin red pann.	S. 8	Pam. 10	G 7	M. F. Terby	Louvain, Belgium	Jan. 29, 1875
11	small red pann.	S. 9	Pam. 10	G. 8	M. F. Terby		Jan. 29, 1875
12	small blue pann.	S 10	Pam. 10	G. 9	M. F. Terby		Jan. 29, 1875
13	square gray pann.	S. 11	Pam. 9	G. 10	Hamburg Observatory G. Rümker, Director.		Jan. 29, 1875
14	square red cloth	B. 3	Pam. 12	G. 11	W. Ferrel		
15	square gray pann.	S. 12	Pam. 12	G. 12	W. Ferrel.		
16	square yellow pann.	S. 13	Pam. 9	G. 13	Astronomische Gesellschaft		Jan. 21, 1875
17	brown cloth.	B 4	3 5 b	G. 14	Melbourne Observatory { Also Munich Obs. W. XIX Oversigt, 1872, 3; 1874, 1 See Periodicals }		Jan. 29, 1875
18	red pann.	S. 14	Pam. 5	G. 15	Milan Observatory		Duplicate

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1875

Jan.	12	Publication des königlichen Preussischen Geodätischen Instituts. Astronomisch-Geodätische Arbeiten in den Jahren 1872, 1869, und 1867. Bestimmung der Längendifferenzen zwischen Berlin und dem Rugard auf Rügen, zwischen Leipzig, Göttingen, Dangust und Leidden. Polhöhen- und Azimuthbestimmungen auf dem Rugard, dem Seeberge und dem Inselsberge. Bestimmung der Länge des Secundenpendels in Gotha, auf dem Seeberge, dem Inselsberge und in Berlin. Herausgegeben von Dr. C. Bruhns.	4to. Leipzig 1874
Jan.	12	Materyały do Klimatografii Galicyi zebrane przez Sekcyę Meteorologiczną Komisyi fizyograficznej C. K. Akademii Umiejętności. Rok 1873.	8vo. Kraków 1874
Jan.	12	Rede in der öffentlichen Sitzung der k. Akademie der Wissenschaften am 25. Juli 1873 gehalten von J. von Döllinger, Vorstand der K. Akademie.	4to. München 1873
Jan.	13	Sammlung von Oppositions-Ephemeriden (nach der Zeit geordnet) und Verzeichniss genäherter geocentrischer Oerter der Planeten (1) bis (136) für das Jahr 1875.	Berlin Jahrbuch Office
Jan.	13	Ephemeride des Encke'schen Cometen von Dr. E. von Asten	From Memoirs of St. Petersburg Academy
Jan.	13	Résumé Météorologique de l'année 1873 pour Genève et le Grand Saint-Bernard, par E. Plantamour	8vo. Genève 1874
March	2	Sonnentafeln, nach Le Verrier's Elementen der Sonnenbahn berechnet. Von C. M. Stürmer.	4to. Würzburg 1875.
March	4	Reprint of Papers on Electrostatics and Magnetism. By Sir William Thomson	8vo. London 1872
March	4	Elements of Natural Philosophy, by Professors Sir William Thomson and P. G. Tait. Part I.	8vo. Oxford 1873
March	4	Electricity and Magnetism, by Fleeming Jenkin.	8vo. New York 1873

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19	stout gray pam.	S. 15	Pam. 9	G. 16	Dr. C. Buhres	Jan. 29, 1875
					Also Münchner Sitzb. 1873 III 1874 I, II See Periodicals	Jan. 29, 1875
20	green pam.	S. 16	Pam. 1	G. 17	Cracow Observatory Prof. Dr. F. Karlinski Director.	Jan. 21, 1875
21	thin square blue pam.	S. 17	Pam. 9	G. 18	Munich Academy.	Jan. 29, 1875
22	brown pam.	S. 18	Pam. 9	G. 19	Berlin Jahrbuch.	
23	no covers	S. 19	Pam 3	G. 20	Pulkowa Observatory	Jan. 21, 1875
24	gray pam.	S. 20	Pam. 1	G. 21	Prof. E. Plantamour, Geneva.	Jan. 21, 1875
25	large square blueish pam.	S. 21	12 b	P. 4	B. Westermann & Co.	
26	stout green vol.	B 5	5 2	P. 5	C. W. Sever	
27	rather thin red vol.	B. 6	5 2	P. 6	C. W. Sever	
28	small brown vol.	B. 7	5 2	P. 7	C. W. Sever	

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1875

March 4 — Elements of Physical Manipulation. By Edward C. Pickering. — 8vo — New York 1873

March 24 — Ueber die Parallaxe des Sterns 1830 Groombridge nach Johnson's Beobachtungen am Oxforder Heliometer, von A. Auwers. — From the Berlin "Monatsbericht der kgl. Akademie" August 1874

April 1 — Greenwich Observations, 1872. — London 1874

April 1 — The Cape Catalogue of 1159 stars, deduced from observations at the Royal Observatory, Cape of Good Hope, 1856 to 1861, reduced to the epoch 1860. Under the superintendence of E. J. Stone. — 8vo — Cape Town 1873

April 2 — Observations of Magnetic Declination made at Trevandrum and Agustia Malley in the Observatories of His Highness the Maharajah of Travancore G. C. S. I., in the years 1852 to 1869. Being Trevandrum Magnetical Observations, Volume I, Discussed and edited by John Allan Broun, F.R.S., late Director of the Observatories. — 4to — London 1874

April 2 — Magnetische und meteorologische Beobachtungen an der K. K. Sternwarte zu Prag im Jahre 1873 — 4to — Prag 1874

April 2 — 59ter Jahresbericht der naturforschenden Gesellschaft zu Emden

April 2 — Annalen der k. k. Sternwarte in Wien. Dritter Folge. Band XXII. — 8vo — Wien 1874

April 13 — Brinkley's Astronomy revised and partly rewritten with additional chapters, by John William Stubbs, D.D., and Francis Brünnow. — 8vo — London 1874

April 21 — A Manual of Telegraph Construction; the Mechanical Elements of Electric Telegraph Engineering. By John Christie Douglas — 8vo — London 1875

April 22 — Vierteljahrsschrift der Astronomischen Gesellschaft. IX Jahrgang. Hft. 3, 4, — 8vo — Leipzig 1874

April 22 — Report of the Commission of Engineers appointed to report a permanent plan for the reclamation of the Alluvial Basin of the Mississippi River subject to inundation; — 8vo — Washington 1875

April 24 — Memoir of the Life of Josiah Quincy, junior, of Massachusetts Bay, by his son Josiah Quincy. Third edition, edited by Eliza Susan Quincy. — 8vo — Boston 1875

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29.	brown vol.	B 8	52	P 8	C. W. Sever	
30	small brown pam.	S.22	Pam. 9	G22	Prof. A. Auwers, Berlin.	Jan. 15, 1877.
31	stout vol.	B 9	E.	G 23	Greenwich Observatory	April 2, 1875
32	thin vol.	B 10	32	G 24	Greenwich Observatory	April 2, 1875
33	stout vol. cl.	B. 11	Pam. 1	G. 25	John Allan Brown 4 Abercorn Place London, N. W.	July 17, 1875
34	thin green vol bds.	B. 12	Pam. 1	G. 26	I. R. Observatory of Bayne Prof. Dr. Carl Hornstein Director.	Jan. 15, 1877
35	small pam. no covers	S 23	Pam. 9	G. 27	Emden Society.	Jan. 15, 1877.
36	stout pam.	S 24	Pam. 9	G. 28	Vienna Observatory Prof. Dr. C von Littrow, Director.	Jan. 15, 1877 Jan. 15, 1877.
37	small vol, red cl.	B 13	53	P 9	C. W. Sever	
38	small stout vol. black cl.	B 14	53	P. 10	C. W. Sever	
39	li. yellow pam.	S 25	Pam. 9	G 29	Astronomische Gesellschaft.	
40	gray pam.	S. 26	Pam. 3	G. 30		
41	green cloth	B. 15	054	G 31	Miss E. S. Quincy.	June 16, 1875.

Alex Upsal Bulletin IV & V. see Periodicals

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1875			
April	24	The American Cyclopaedia; a Popular Dictionary of General Knowledge. Vols. VIII, IX, X, XI.	New York 1874, 1875
April	27	Der Venusmond und die Untersuchungen über die früheren Beobachtungen dieses Mondes. Von Dr. F. Schon.	8vo Braunschweig 1875
May	1	Bulletin de la Société des Sciences Naturelles de Neuchatel. Tome X. Premier cahier	8vo Neuchatel 1874
May	1	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXVI. XXXVII.	loose sheets Aug. 1874
May	1	Memoirs of the Royal Astronomical Society. Vol. XL, 1874-1875.	4to London 1874
May	1	Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1872.	8vo Oxford 1875
May	1	Greenwich Observations, 1872. (Duplicate of that recd. April 1, 1875)	4to London 1874
May	1	The Encyclopaedia Britannica, a Dictionary of Arts, Sciences, and General Literature. Ninth Edition. Volume I	4to Boston 1875
May	6	Handbook of the Practice and Art of Photography, by Dr. Hermann Vogel. Revised and corrected by the author and especially adapted for the United States. Translated from the German by Edward Moelling.	8vo Philadelphia 1871
May	6	Les Insuccès en Photographie; Causes et Remèdes; par V. Cordier.	12mo Paris 1868
May	6	The Chemistry of Light and Photography. By Dr. Hermann Vogel.	18mo New York 1875
May	10	Astronomy by J. Kambosson, translated by C. B. Pitman.	8vo New York 1875(?)
May	20	Essay on the Rotation of the Planets, by Ira Wanzer.	MS.
May	25	Carl Friedrich Gauss Werke Sechster Band. Herausgegeben von der Königlichen Gesellschaft der Wissenschaften zu Göttingen.	4to Göttingen 1874
June	3	Atlas Céleste, par Ch. Dien.	Paris 1869
June	3	Annales de l'Observatoire Royal de Bruxelles. Tome XXII.	4to Bruxelles 1873
June	3	Notices extraites de l'annuaire de l'observatoire royal de Bruxelles pour 1874	
June	3	La Comète de Coggia observée à Bruxelles; Note par M. Ernest Quetelet	From the Bulletins of the Brussels Academy
June	3	Aréographie, par M. F. Terby; Rapport de M. Ern. Quetelet.	—" —
June	3	Norsk Meteorologisk Aarbog for 1872, 1873	Christiania 1873, 1874.
June	3	Norske Fangst-Skippieres Opfangelse for Kong Karl Land., A. H. Mohn.	From the Proceedings of the Kiders Akademies Selskab.
June	3	Om ældre Vikinger af Gamme Jern, fundets og Levninger. A. H. Mohn.	
June	3	Beretning om det norske meteorologiske Instituts Virksomhed i 1871, 1872.	
June	3	"Alberts" Expedition til Spidsbergen i Nov. & Dec. 1872. A. H. Mohn.	Det meteorologiske Institutets Aarsberetning for Aaret 1873. —" —

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42 43 44 45	stout wove ½ sheep	B 16, 17 Clock Room	Clock Room	P 11 12 13 14	H. T. Butler, agent of D. Appleton & Co.		
46	reddish pam.	S. 27	Pam. 9	P 15	B. Westermann & Co.		
47	yellow pam.	S. 28	Pam. 8	G 32	Neuchatel Scientific Association	Jan. 15, 1877.	
48	loose sheets	S. 29	Pam. 9	G 33	Dr. R. Wolf, Zürich.	Jan. 15, 1877	
49	gray bds.	B 20	2 3	G. 34	Royal Astronomical Society	Jan. 15, 1877	
50	dark cloth	B 21	E	G. 35	Radcliffe Observatory Rev. Robert Main, Director	Jan. 15, 1877	
51	stout vol	B 22	E	G 36	Royal Astronomical Society	Jan. 15, 1877	
52	stout vol ½ mor.	B. 23	Clock Room	P 16	C. W. Sever	Also Munich Annals XX & Suppl. Bd XIII. See Periodicals	Jan. 15, 1877
53	dark cloth	B 24	Photographic Room	P. 17	B. French & Co.		
54	brownish pam.	S 30	Photographic Room	P. 18	B. Westermann & Co.		
55	red cloth	B 25	Photographic Room	P. 19	Little, Brown & Co.		
56	blue cloth	B. 26	5 3	P. 20	C. W. Sever		
57	ms.		Pam. 3	G. 37	Ira Wanzer, Brookfield, Ct.	May 20, 1875.	
58	stout vol stiff paper	B 27	2 2	P. 21	B. Westermann & Co.		
59	large thin vol. ½ mor.	B 28	Dome	P. 22	Schoenhof, Moeller & Co.		
60	stout vol. stiff paper	B 29	31a	G. 38	Brussels Observatory	Jan. 15, 1877	
61	small pam.	S 31	Pam. 2	G 39	Brussels Observatory	Jan. 15, 1877	
62	thin pam.	S 32	Pam. 2	G 40	Brussels Observatory	Jan. 15, 1877	
63	thin pam.	S 33	Pam. 2	G 41	Brussels Observatory	Jan. 15, 1877	
64, 65	stout pams.	S. 34, 35	Pam. 1	G 42, 43	Royal Norwegian University, Christiania.	Jan. 15, 1877	
66, 67	thin pams.	S 36, 37	Pam. 1	G. 44, 45	Royal Norwegian University, Christiania.	Jan. 15, 1877	
68, 69, 70	unbound thin pams	S. 38, 39, 40	Pam. 1	G. 46, 47, 48	Royal Norwegian University, Christiania.	Jan. 15, 1877	
71		S 41	Pam. 1	G. 49	" " " "	Jan. 15, 1877	

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1875			
June	4	Vierteljahrsschrift der Astronomischen Gesellschaft. X. Jahrgang. Erstes Heft.	Leipzig 1875
June	5	Des Comètes, par Amédée Guillemin	8vo. Paris 1875
June	10	Berliner Astronomisches Jahrbuch für 1877 mit Ephemeriden der Planeten (1)—(136) für 1875.	8vo. Berlin 1875
June	17	Proceedings of the American Academy of Arts & Sciences. Vol. X, May 1874 to May 1875	8vo. Boston 1875
June	18	Smithsonian Contributions to Knowledge 280. Statement and Exposition of certain Harmonies of the Solar System. By Stephen Alexander.	4to. Washington 1875
June	24	Encyclopædia Britannica. Ninth Edition. Volume II.	4to. Boston 1875
July	1	Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1872 & 1873, redigirt und bearbeitet von Dr. Arthur von Oettingen und Dr. Karl Weihrauch. 7ter und 8ter Jahrgang. II Bd. Heft 2 & 3. [2 copies].	8vo. Dorpat 1874
July	1	Annales de l'Observatoire Physique Central de Russie, Année 1869	4to. St. Petersburg 1874
July	1	Annalen der K.K. Sternwarte in Wien. Dritter Folge, 23ten Bd. Jahrgang 1873.	8vo. Wien, 1875
July	1	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXVII. (Duplicate May 1, 1875)	loose sheets
July	1	Result of Observations in Meteorology, Terrestrial Magnetism, etc., etc., Taken at the Melbourne Observatory during the year 1872. Together with Abstracts from meteorological observations obtained at various localities in Victoria. Vol. 1.	8vo. Melbourne
July	1	First Melbourne General Catalogue of 1227 Stars for the epoch 1870, deduced from Observations extending from 1863 to 1870 made at the Melbourne Observatory under the direction of Robert L. J. Ellery, Government Astronomer to the Colony of Victoria.	4to. Melbourne 1874
July	7	The Nautical Almanac and Astronomical Ephemeris for the year 1877.	8vo. London, 1873
July	8	An English Grammar .... by Professor Maetzner of Berlin, translated .... by Clair James Grece. 3 vols.	8vo. London 1874
July	8	Literature Primers. English Grammar, by the Rev. Richard Morris.	small 8vo. New York 1875

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72	light yellow pam.	S 42	Pam. 9	G. 50	Astronomische Gesellschaft.	
73	large vol. Paper.	S 43	5 3	P 23	B. Westermann & Co.	
74	paper	S 44	2 7	G 51	Offic of Berlin Jahrbuch	Jan 15, 1877
75	stout vol. paper	S 45	3 66	G 52	American Academy	
76	paper	S 46	Pam. 3	G. 53	Smithsonian Institution.	June 18, 1875.
77	½ mon.	B 30	Clock Room	P 24	C. W. Sever	
78	1 vol. paper	S 47	Pam. 1	G 54	Kaiserliche Universität Dorpat Meteorologisches Observatorium Dr. Karl Weihrauch, Director.	Jan. 15, 1877.
79	1 vol. paper	S 48	Pam. 1	G 55	Observatoire Physique Central de Russie, H. Wild, Director. Also Repf. für Met. IV, 1 See Periodicals.	
80	1 vol. paper	S 49	Pam 9	G 56	Vienna Observatory	Jan. 15, 1877.
					Dr. R. Wolf (duplicate)	
81	1 vol. paper	S 50	Pam. 1	G. 57	Melbourne Observatory	Jan. 15, 1877
82	1 vol. paper	S 51	3 1	G 58	Melbourne Observatory	Jan. 15, 1877
83	1 vol. paper	S 52	E.	G 49	R. T. Paine, Boston	July 7, 1875
84	3 vols cl.	B 31	E.	P 25	C. W. Sever (book ordered June 5 by Prof. Winlock)	
85		32		26		
86		33		27		
87	1 vol. cl.	B 34	E.	P 28	C. W. Sever (book ordered June 5 by Prof. Winlock)	

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1875			
July	10	Berliner Astronomisches Jahrbuch für 1877. (Duplicate of that rec'd. June 10, 1875).	8vo. Berlin 1875
July	12	Almanaque Nautico para 1876, calculado de orden de la Superioridad en el Observatorio de Marina de la Ciudad de San Fernando	4to. Barcelona 1874
July	20	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. X. Sull' Eclissi Solare Totale del 3 Giugno 1239. Memoria di Giovanni Celoria.	4to. Milan 1875
July	31	Abstracts and Results of Magnetical and Meteorological Observations at the Magnetic Observatory, Toronto, Canada, from 1841 to 1871 inclusive.	8vo & 4to. Toronto 1875
Aug.	9	Aréographie, ou Etude Comparative des Observations faites sur l'aspect physique de la Planète Mars depuis Fontana (1636) jusqu'à nos jours (1873); par M. F. Terby	8vo. From Vol. 39 of "Mémoires couronnés et Mémoires des savants étrangers publiés par l'Acad. royale — de Belgique
Aug.	14	Vierteljahrsschrift der Astronomischen Gesellschaft. X. Jahrgang. Zweites Heft.	Leipzig 1875
Aug.	16	Astronomische Beobachtungen auf der Grossherzoglichen Sternwarte zu Mannheim angestellt und herausgegeben von Dr. E. Schönfeld. Zweite Abtheilung. Beobachtungen von Nebelflecken und Sternhaufen.	4to. Carlsruhe 1875
Aug.	16	On the Solar Motion in Space. By Truman Henry Safford.	From the Proceedings of the American Academy
Aug.	16	The American Ephemeris and Nautical Almanac for the year 1878.	8vo. Washington 1875
Aug.	18	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory Greenwich, read at the Annual Visitation of the Royal Observatory, 1875, June 5	4to.
Aug.	25	Anales del Observatorio de Marina de San Fernando, publicados de orden de la Superioridad por el Director Don Cecilio Pujazon. Seccion 2ª. Observaciones Meteorológicas. Año 1873	4to. San Fernando 1874
Aug.	30	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. VIII. Resoconto delle operazioni fatte a Milano nel 1870 in corrispondenza cogli astronomi della Commissione geodetica Svizzera per determinare la differenza di longitudine dell' Osservatorio di Brera coll' Osservatorio di Neuchatel e colla stazione trigonometrica del Sempione per G. V. Schiaparelli e G. Celoria.	4to. Milano, Napoli, Pisa. 1875

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88	Wrd. paper	S 53	27	P 29	B. Westermann & Co.	
89	Wrd. paper	S 54	Pam 6	G 60	San Fernando Observatory	Jan. 15, 1877
90	large reddish pam.	S. 55	Pam. 5	G 61	Milan Observatory.	Jan. 15, 1877
					Am. Journal of Science Vols. 96 to 108 (last half of 1866 to last half of 1874 inclusive) received from bookbinders. See Periodicals	
91	blue pam.	S 56	Pam. 1	G. 62	Toronto Observatory G. T. Kingston, M. A., Director	July 31, 1875.
92	large red pam.	S 57	Pam 8	G. 63	M. F. Terby, Docteur en Sciences Louvain, Belgium.	Aug. 10, 1875.
93	light yellow pam.	S 58	Pam. 9	G. 64	Astronomische Gesellschaft.	
94	square yellow pam.	S. 59	Pam. 9	G. 65	Mannheim Observatory Prof. Dr. E. Schönfeld, Director.	Aug. 16, 1875
95	no covers	S. 60	Pam. 3	G. 66	T. H. Safford.	
96	red pam.	S. 61	Pam. 6	G. 67	Annuaire des Eaux Thermales Prof. J. H. C. Coffin, Superintendent.	
97	no covers	S. 62	Pam. 3	G. 68	Greenwich Observatory	Jan. 15, 1877
98	large blue pam.	S 63	Pam. 1	G. 69	San Fernando Observatory.	Jan. 15, 1877.
99	large reddish pam.	S. 64	Pam. 5	G. 70	Milan Observatory	Jan. 15, 1877

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1875			
Sept.	9	Résumé de quelques observations astronomiques et météorologiques faites dans la zone tempérée et entre les tropiques; par J. C. Houzeau.	Extrait du tome XXV des Mémoires couronnés et autres Mémoires publiés par l'Académie Royale de Belgique. – 1875.
Sept.	9	Détermination télégraphique de la Différence de Longitude entre la station astronomique du Simplon et les Observatoires de Milan et de Neuchatel par E. Plantamour et J. Hirsch.	4to Genève-Bale – Lyon 1875.
Sept.	9	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. IV. Sulle Variazioni Periodiche e non Periodiche della temperatura nel clima di Milano. Memoria di Giovanni Celoria.	4to Milano Napoli Pisa, 1874.
		No. V. Osservazioni Astronomiche Diverse fatte nella Specola di Milano da Guglielmo Tempel (1871–1874). Con tre tavole fotografiche rappresentanti la Cometa di Coggia, una carta delle Pleiadi, e due tavole litografiche relativi ad altri fenomeni.	4to Milano Napoli Pisa 1874
Sept.	14	No. IX. Le Sfere Omocentriche di Eudosso, di Callippo, e di Aristotele. Memoria di G. V. Schiaparelli.	4to Milano Napoli Pisa 1875.
Sept.	24	Zodiacallicht-Beobachtungen in den letzten 29 Jahren 1847–1875 von Dr. Eduard Heis. I. Veröffentlichung der Königlichen Sternwarte zu Münster.	4to Münster 1875
Oct.	2	Observations de Poulkova, publiées par Otto Struve. Volume VI. Observations faites au Cercle Méridien.	4to St. Petersbourg 1873.
Oct.	2	Jahresbericht am 27. Mai 1874 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt.)	8vo St. Petersburg 1874
Oct.	2	Die Zeitbestimmung vermittelst des tragbaren Durchgangs-instruments im Verticale des Polarsterns. Von W. Döllen. Zweite Abhandlung.	4to St. Petersburg 1874.
Oct.	2	Mémoires de l'Académie Impériale des Sciences de St.-Pétersbourg, VIIe Série. Tome XIX, No. 10 et dernier. Die Polhöhe von Pulkowa. Von Dr. Magnus Nyrén.	4to St. Pétersbourg 1873
Oct.	2	Mélanges Mathématiques et Astronomiques tirés du Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg. Tome V. Observations des Satellites de Jupiter faites en Russie dans les années 1871 et 1873, et rassemblées par M. S. Glasenapp. Ueber den Doppelstern Σ 634 = Cam. 19 H. Von O. Struve. Fortgesetzte Beobachtungen des Prozyonbegleiters. Von O. Struve.	From the Academy's Proceedings.

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1	blue pam.	S. 1	Pam. 10	G. 1	J.C. Houzeau, Membre de l'Academie Royale de Belgique.	Jan. 15, 1877.
2	large gray pam.	S. 2	Pam 8	G. 2	Prof. E. Plantamour, Geneva.	Jan. 15, 1877
3	large red pam.	S 3	Pam 5	G. 3	Milan Observatory	Jan. 15, 1877
4	large red pam.	S 4	Pam. 5	G. 4	Milan Observatory.	Jan. 15, 1877
5	large red pam.	S. 5	Pam. 5	G 5	Milan Observatory	Jan. 15, 1877
6	brown pam.	S. 6	Pam. 9	G. 6	Münster Observatory Prof. Dr. E. Heis, Director.	Sept. 24, 1875.
7	large gray vol.	B. 1	51	G. 7	Pulkowa Observatory	Jan. 15, 1877
8	brown pam.	S. 7	Pam. 3	G. 8	Pulkowa Observatory	Jan. 15, 1877
9	large brown pam.	S. 8	Pam. 3	G. 9	Pulkowa Observatory	Jan. 15, 1877
10	large brown pam.	S. 9	Pam. 3	G. 10	Pulkowa Observatory	Jan. 15, 1877
11	green pam.	S. 10	Pam 3	G. 11	Pulkowa Observatory	Jan. 15, 1877
12	blue pam.	S. 11	Pam. 3	G. 12		
13	blue pam.	S. 12	Pam. 3	G. 13		

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1875				
Oct.	2	Annalen des Physikalischen Central-Observatoriums, herausgegeben von H. Wild, Jahrgang 1873.	4to. St. Petersburg 1875.	14
Oct.	2	Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1874, redigirt und bearbeitet von Prof. Arthur von Oettingen und Prof. Karl Weihrauch. Neunter Jahrgang. Zweiter Band. Vierte Heft.	8vo. Dorpat 1875	1
Oct.	2	Observations made at the Magnetical and Meteorological Observatory at Batavia. Published by order of the Government of Netherlands India. Vol. I. Meteorological Observations from Jan. 1, 1866, to Dec. 31, 1868, and Magnetical Observations from July 1, 186- to June 30, 1870, made under the direction of Dr. P. A. Bergsma.	4to. Batavia 1871	10
Oct.	7	The Uranian and Neptunian Systems investigated with the 26-inch Equatorial of the United States Naval Observatory. By Simon Newcomb. (Washington Observations for 1873. Appendix I.)	4to. Washington 1875.	1
Oct.	8	The American Cyclopædia; a Popular Dictionary of General Knowledge. Vols. XII, XIII.	8vo. New York & London 1875	1 9
Oct.	12	Amphiorama ou La Vue du Monde. 2de Notice. La Marée dans le Bassin de Spitzberg et la Flot qui entourne la tête du Groenland aussi l'arrivée de la Lumière au Pôle, pour la première fois observé et décrit par J. W. C. Trafford.	8vo. Zurich 1875	2
Oct.	22	Daily Bulletin of Weather-Reports, Signal Service, United States Army, taken at 7.35 A.M., 4.35 P.M., and 11 P.M., Washington Mean Time, with the Synopses, Probabilities, and Facts. For the months of December 1872, January 1873, February 1873.	4to. Washington 1875	2 2 2
Oct.	29	Reports of the Director of the New York Meteorological Observatory in the Central Park. For the years 1871, 1872, 1873.	8vo. New York	2 2 2
Oct.	29	Daily Bulletin of Weather Reports (etc.; for title see entry of Oct. 22) for March, 1873.	4to. Washington 1875	2
Nov.	2	Astronomische Mittheilungen von Dr. Rudolf Wolf. No. XXXVIII. Juli 1875.	loose sheets.	2
Dec.	1	The Metric System of Weights and Measures; by Frederick A. P. Barnard. Second Edition.	8vo. New York 1872	3
Dec.	13	Seventh, Eighth and Tenth Reports of the Board of Visitors to the [Melbourne] Observatory: with the annual reports of the Government Astronomer for 1870-71, 1871-72, 1874-75.	4to. Melbourne	
Dec.	20	Astronomische, Magnetische und Meteorologische Beobachtungen, aus der K.K. Sternwarte zu Prag im Jahre 1874. 35. Jahrgang.	4to. Prag 1875.	3

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14	stout blue vol.	S13	F.	G.14	St. Petersburg Central Physical Observatory ~~St. Petersburg~~ Dr. H. Wild, Director.		
15	green pam.	S.14	Pam.1	G.15	Dorpat Meteorological Observatory Prof. Dr. Karl Weihrauch, Director.	Jan. 15, 1877	
					(Also rec'd. Duplicate of same & Omsk, etc. 1874 No 2 See Periodicals)	Jan. 15, 1877	
16	large black vol.	B2	Pam.1	G.16	Batavia Observatory Dr. P. A. Bergsma, Director.	Jan. 15, 1877 (acknowledgment not sent, not being thought worth the postage)	
17	square gray pam.	S15	Pam.3	G.17	U. S. Naval Observatory.		
18	½ sheep	B3	Clark	P.1	H.V. Butler ~~S. Hector and~~, agent		
19		B4	Room	2	of D. Appleton & Co.		
20	brown pam.	S16	Pam.10	G.18	F. W. C. Trafford (Nonsensical pamphlet; no acknowledgment needed).		
21	Clark cloth	B5	Pam.1	G.19	Office of the Chief Signal-Officer Brigadier General Albert J. Myer.	Jan. 15, 1877	
22		B6		G.20			
23		B7		G.21			
24	blue pams.	S17	Pam.1	G.22	New York Meteorological Observatory Daniel Draper, Director. (The reports for 1871 & 1872 have been here a long while, but were never catalogued)	Jan. 15, 1877	
25		S18		G.23			
26		S19		G.24			
27	Black cloth	B8	Pam.1	G.25	Office of the Chief Signal Officer Brigadier General Albert J. Myer.	Jan. 15, 1877	
28	loose sheets	[illegible]	Pam.4	G.26	Dr. R. Wolf, Zürich.	Jan. 15, 1877.	
29	brown cloth	B9	79	P.3	B. Westermann & Co.		
30	no	S20	813	G.27	Melbourne Observatory (The Reports for 1870 and 1871-72 were lately found in the Observatory, the other is just received)	Jan. 15, 1877.	
31	Covers	21		28			
32		22		29			
33	stiff paper green	S23	817	G.30	Prague Observatory Prof. Dr. Carl Domtrich, Director. (Also rec'd. Bull. Mat. Patronis Kiew 3 part 2 Sa Periodicals)	Jan. 15, 1877.	

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1875			
Dec.	20	Materyały do Klimatografii Galicyi zebrane przez sekcyę meteorologiczną Komisyi fizyograficznej Akademii Umiejętności. Rok 1874.	8vo. Krakow 1875
Dec.	20	Ueber eine Bestimmung der Sonnen-Parallaxe aus correspondirenden Beobachtungen des Planeten Flora auf mehreren Sternwarten der nördlichen und südlichen Halbkugel im October und November 1873. Von Dr. J. G. Galle.	8vo. Breslau 1875
Dec.	22	Observaciones Magneticas y Meteorologicas del Colegio de Belen de la Compañia de Jesus en la Habana. Años de 1873.	Habana 1875
1876 Jan.	7	The Encyclopaedia Britannica. A Dictionary of Arts, Sciences, and General Literature. Ninth Edition. Volume III.	4to. Boston 1875
Jan.	7	Dr. Justus Freiherrn von Liebig zum Gedächtniss. Rede im Auftrage der mathematisch-physikalischen Klasse der Königl. Bayer. Akademie der Wissenschaften zu München in der öffentlichen Sitzung am 28. März 1874 gehalten von Dr. Max von Pettenkofer.	4to. München 1874
Jan.	7	Ueber den Einfluss des Freiherrn Justus von Liebig auf die Entwicklung der Physiologie. Eine Denkschrift von Dr. Theodor L. W. von Bischoff.	4to. München 1874
Jan.	7	Justus Freiherr von Liebig als Begründer der Agrikultur-Chemie. Eine Denkschrift von August Vogel.	4to. München 1874.
Jan.	7	Ueber den Einfluss des Freiherrn Justus von Liebig auf die Entwicklung der reinen Chemie. Eine Denkschrift von Dr. Emil Erlenmeyer.	4to. München 1874
Jan.	7	Die Aufgabe des chemischen Unterrichts gegenüber den Anforderungen der Wissenschaft und Technik. Rede gehalten in der öffentlichen Sitzung der K. Akademie der Wissenschaften am 25. Juli 1871 ..... von Dr. Emil Erlenmeyer.	4to. München 1871
Jan.	7	Ueber die Beziehungen der Chemie zur Rechtspflege. Festrede ... gehalten in der öffentlichen Sitzung der k. b. Akademie der Wissenschaften zu München am 28. Juli 1875 von Dr. Ludwig Andreas Buchner.	4to. München 1875
Jan.	7	Rede ... von J. von Döllinger. (Duplicate of that received 1875 Jan. 12).	4to. München 1873
Jan.	7	Der Antheil ... von W. Beetz. (Duplicate of that received 1874 May 6).	4to. München 1873

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34	green paper	S 24	~~G 31~~ 516	G. 31	Krakow Observatory Prof. Dr. F. Karlinski, Director	Jan. 15, 1877
35	blue paper	S 25	854	G. 32	Prof. Dr. J. G. Galle, Breslau.	Jan. 15, 1877
36	gray paper	S 26	505	G. 33	Observatory of Belen College Rev. P. Benito Viñes, S.J., Director.	Jan. 15, 1877
					{Munich Sitzb. 1875 I. H. Sec Rudimental}	Jan. 15, 1877
37	½ mm	B 10	59	P 4	C. W. Seven	
38	green pam.	S 27	530	G. 34	Munich Academy	Jan. 15, 1877
39	green pam.	S 28	530	G. 35	Munich Academy	Jan. 15, 1877
40	green pam.	S 29	530	G. 36	Munich Academy	Jan. 15, 1877
41	green pam.	S 30	530	G. 37	Munich Academy	Jan. 15, 1877
42	green pam.	S 31	530	G. 38	Munich Academy	Jan. 15, 1877
43	green pam.	S. 32	530	G 39	Munich Academy	Jan. 15, 1877
44	blue pam.	S. 33	530	G 40	Munich Academy	Jan. 15, 1877
45	green pam.	S. 34	530	G 41	Munich Academy	Jan. 15, 1877

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1876				
Jan.	8	Handelingen van het Provinciaal Genootschap van Kunsten en Wetenschappen in Noord-Brabant, over het jaar 1873.	8vo 's Hertogenbosch 1873	4
Jan.	8	Verzameling van Oorkunden betrekkelijk het Beleg van 's Hertogenbosch in den jare 1629. Vierde Stuk.	8vo 's Hertogenbosch 1873	4
Jan.	8	Aanteekeningen van het verhandelde in de Sectie Vergaderingen van het Provincicaal Utrechtsch Genootschap van Kunsten en Wetenschappen, ter gelegenheid van de Algemeene Vergadering gehouden in het jaar 1874.	8vo Utrecht 1874	4
Jan.	8	Verslag van het verhandelde in de Algemeene Vergadering van het Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen, gehouden den 30 Junii 1874.	8vo Utrecht 1874	4
Jan.	8	Natuurkundig Tijdschrift voor Nederlandsch-Indië, uitgegeven door de Koninklijke Natuurkundige Vereeniging in Nederlandsch-Indië. Deel XXXIII (Zevende Serie. Deel III).	8vo Batavia 's Gravenhage 1873	5
Jan.	19	Daily Bulletin of Weather Reports, Signal-service United States Army, with the Synopses, Probabilities, and Facts, for the months of May 1873.	— 4to Washington 1875	5
Feb.	4	Bullettino Mensile dello Osservatorio Meteorico e Magnetico Valerio in Pesaro. Serie III — Vol. I. July & Aug. 1875.	loose sheets Bologna 1875	5
Feb.	9	State of Rhode Island and Providence Plantations. Report of the Commission to prepare a plan for a thorough Geological and Scientific Survey of the State.	8vo Providence 1876	5
Feb.	9	Results of Observations in Meteorology, Terrestrial Magnetism, etc., etc., taken at the Melbourne Observatory during the year 1873: together with abstracts from meteorological observations obtained at various localities in Victoria. Vol. III.	8vo Melbourne	5
Feb.	9	Astronomical and Meteorological Observations made ~~at the~~ during the years 1872 and 1873 at the United States Naval Observatory	4to Washington 1874, 1875	5
Feb.	9	S. W. Burnham's sixth Catalogue of 90 new double stars discovered with a 6-inch refractor	No. 2062 of the Astronomische Nachrichten	5

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46	blue jam.	S 35	526	G 42	Bureau Scientifique Central Neerlandais Harlem.	Jan. 8, 1876
47	brown jam.	S 36	526	G 43	Bureau Scient. Cent. Neerlandais	Jan. 8, 1876.
48	gray jam.	S 37	526	G 44	Bureau Scient. Cent. Neerlandais	Jan. 8, 1876
49	gray jam.	S 38	526	G 45	Bureau Scient. Cent. Neerlandais	Jan. 8, 1876
50	blue jam.	S 39	526	G. 46	Bureau Scient. Cent. Neerlandais	Jan. 8, 1876.
51	black cloth	B 11	502	G. 47	War Department, Office of Chief Signal Officer, Gen. Albert J. Myer.	Jan. 15, 1877
52	loose sheets	S 40	510	G. 48	Pesaro Meteorological Observatory Luigi Guidi, Director.	Jan. 15, 1877.
53	gray jam.	S. 41	1005	G. 49	Dr. Wm. F. Channing.	
54	gray jam.	S 42	507	G 50	Government Astronomer, Melbourne.	Jan. 15, 1877
55	blue cloth	B 12	45	G 51	U. S. Naval Observatory Admiral C. H. Davis, Supt.	Feb. 9, 1876.
56	red cloth	B 13	45	G 52		
57	gray jam.	S 43	545	G. 53	S. W. Burnham, Chicago.	

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1876			
Feb.	18	Greenwich Observations 1873	4to London 1875
Feb.	24	Memorie della Società degli Spettroscopisti Italiani, raccolte e pubblicate per cura del Prof. P. Tacchini. Dispensa 11ª. Novembre 1875	4to Palermo 1875
Feb.	28	Bulletin de la Société des Sciences Naturelles de Neuchatel. Tome X. Segnd cahier.	8vo Neuchatel 1875
March	10	The Engineer, Vols. XXXVII & XXXVIII, for the year 1874. Bound in cloth. Also, unbound, the numbers from 1015 (June 11, 1875) to 1043 (Dec. 24, 1875) inclusive. [This periodical was ordered by Prof. Winlock in 1874 from B. Westermann & Co. and, as appears from their books, for the Observatory. The numbers for 1875 previous to No. 1016 do not appear to have been kept at the Observatory. The numbers from 1015 to 1021 inclusive were at the Observatory in February 1876, and those from 1022 to 1043 inclusive were received from B. Westermann & Co. March 10, 1876.]	London large newspaper size
March	10	Observationes Astronomicae in Specula Universitatis Litterariae Fennicae factae. Tomi I, II, III. Tomi IV, V. Universitatis nomine instituit Magr. Frodr. Guil. Aug. Argelander	Aboae 1824–1831 folio ~~long 4to~~
March	10	Fünfstellige Vollständige logarithmische und trigonometrische Tafeln. Zum Gebrauche für Schule und Praxis bearbeitet von F. G. Gauss. 2 copies.	Berlin, 1870 8vo
March	13	Memorie della Società degli Spettroscopisti Italiani, raccolte e pubblicate per cura del Prof. P. Tacchini. Dispensa 12ª. Dicembre 1875.	4to Palermo 1875
March	17	Tabulae Refractionum in usum Specolae Pulcovensis congestae. 3 copies.	Petropoli 1870 8vo
March	17	Mémoires sur les Occultations d'Étoiles par les planètes; par J.-A. Normand	4to Paris 1876
March	25	Greenwich Observations, 1873; (duplicate received Feb. 18)	4to London 1875
March	25	Memoirs of the Royal Astronomical Society, Vol XLII, 1873-75	4to London 1875
April	3	Sur l'aspect de l'ombre du 2me satellite de Jupiter le 25 mars 1874; par M. F. Terby.	Extrait des Bulletins de l'Académie Royale de Belgique Nov. 1875
April	3	Etudes sur la planète Mars; 8e notice; par M. F. Terby, Docteur en Sciences.	Extrait des Bulletins de l'Académie Royale de Belgique Nov. 1875
April	5	Results of Observations in Meteorology, Terrestrial Magnetism, etc., etc., taken at the Melbourne Observatory during the year 1874; together with abstracts from meteorological observations obtained at various localities in Victoria.	8vo 4 Melbourne
April	10	Memorie della Società degli Spettroscopisti Italiani, raccolte e pubblicate per cura del Prof. P. Tacchini. Dispensa 1ª Gennaio 1876.	4to Palermo 1876

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58	stout vol.	B 14	64	G 54	Greenwich Observatory	Feb. 18, 1876
59	green pam.	S 44	508	G 55	Received by mail, probably from Prof. P. Tacchini, Palermo.	Jan. 15, 1877
60	yellow pam.	S 45	527	G 56	Société des Sciences Naturelles, Neuchatel (Also Oversigt 1874, 3, 1875, 1; 2 Periodicals)	Jan. 15, 1877. Jan. 15, 1877
61	stout bound	B 15	204	P 5	B. Westermann & Co.	
62		B 16		P 6		
63	bundle of newspapers	S 46	204	P 7	B. Westermann & Co.	
64	½ sheep (worn)	B 17	84	P 8	B. Westermann & Co	
65		B 18		P 9		
66	will be found	S 47	Clock	P 10	B. Westermann & Co.	
67		S 48	Room	P 11		
68	blue pam.	S 49	508	G 57	Received by mail probably from Prof. P. Tacchini, Palermo.	Jan. 15, 1877
69	brown pams.	S 50	25	P 12	B. Westermann & Co.	
70		S 51		P 13		
71		S 52		P 14		
72	green pam.	S 53	853	G 58	Probably from the author; the pamphlet is dated Le Havre, which may be his address.	
73	stout vol.	B 19	235	G 59	Royal Astronomical Society	Jan. 15, 1877
74	stiff paper	B 20	214	G 60	Royal Astronomical Society	April 6, 1876.
75	folded	S 54	852	G 61	M. F. Terby, Louvain, Belgium.	Jan. 15, 1877
76	brown pam.	S 55	852	G. 62	M. F. Terby, Louvain, Belgium.	Jan. 15, 1877
77	brown pam.	S 56	507	G 63	Government Astronomer Melbourne	Jan. 15, 1877
78	green pam.	S 57	508	G 64	Received by mail, probably from Prof. P. Tacchini, Palermo.	Jan. 15, 1877

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1876

April 13 Mittlere Oerter für 1876.0 von 539 Sternen und scheinbare Oerter für das Jahr 1876 von 529 Sternen des Verzeichnisses I. und II. welches nach der Vierteljahrsschrift der "Astronomischen Gesellschaft" IV. Jahrgang, 4. Heft 1869, für die Beobachtung der Sterne der nördlichen Halbkugel bis zur neunten Grösse als Grundlage dienen soll. Unter Mitwirkung der "Astronomischen Gesellschaft" herausgegeben von der Redaction des Berliner Astronomischen Jahrbuchs. 8vo Berlin 1876

April 17 Memorie della Società degli Spettroscopisti Italiani: [see April 10], Feb. 1876. 4to Palermo 1876

April 17 Observaciones del Tránsito de Venus hechas en el Japon por la Comision Astronómica Mexicana. Opusculo escrito por Francisco Diaz Covarrubias. 8vo Paris 1875

April 17 Index of Spectra. By W. Marshall Watts, with a Preface by H. E. Roscoe. 8vo London 1872

April 17 Atlas Météorologique de l'Observatoire de Paris. Années 1872, 1873 et 1874. Paris 1875

April 17 Annalen der K.K. Sternwarte in Wien. Dritter Folge. Fünfundzwanzigster Band. Jahrgang 1874. 8vo Vienna 1875.

April 17 Daily Bulletin of Weather Reports, Signal-Service United States Army, taken at 7.35 A.M., 4.35 P.M., and 11 P.M., Washington mean time, with the Synopses, Probabilities, and Facts, for the month of April, 1873. 4to Washington 1875

Same for June, 1873.

Same for July 1873.

April 26 4to Washington 1875

May 6 Memorie della Società degli Spettroscopisti Italiani [see April 10], March 1876. 4to Palermo 1876

May 16 Connaissance des Temps ou des Mouvements Célestes, à l'usage des Astronomes et des Navigateurs, pour l'an 1877, publiée par le Bureau des Longitudes. 8vo Paris 1875

May 17 Mémoires de la Société Nationale des Sciences Naturelles de Cherbourg. Tome XVIII. 8vo Paris & Cherbourg 1874

May 17 Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1873. Vol. XXXIII. 8vo Oxford 1875

May 17 Annalen der Sternwarte in Leiden herausgegeben von Dr. H.G. Van de Sande Bakhuyzen. Vierter Band. 4to Haag 1875

May 17 Handelingen van het Provinciaal Genootschap van Kunsten en Wetenschappen in Noord-Brabant, over het jaar 1875. 8vo 's Hertogenbosch 1875

May 17 Analytische Catalogus der Oorkonden met opgave der Handschriften berustende in de Boekerij van het Provinciaal Genootschap van Kunsten en Wetenschappen in Noord-Brabant, opgemaakt door het bestuurslid Jhr. Mr. P. J. Ridder van der Does de Bije. 8vo 's Hertogenbosch 1875

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79	yellow pam.	S.58	543	P.15	B. Westermann & Co.	
80	red pam.	S59	508	G65	[see April 10]	Jan. 15, 1877
81	gray pam	S60	811	G66	John W. Foster, U. S. Minister to Mexico.	
82	green cloth	B21	79	P16	Macmillan & Co.	
83	large pam.	S61	509	G67	Paris Observatory	Jan. 15, 1877.
84	purple pam.	S62	530	G68	Vienna Observatory	Jan. 15, 1877.
85	black cloth	B22	502	G69	Office of the Chief Signal-Officer Washington, D.C.	Jan. 15, 1877
86	2 vols.	B23	502	G70		
87	bl. cloth	B24	502	G71	Office of the Chief Signal-Officer, Washington.	Jan. 15, 1877
88	green pam.	S63	508	G72	[see April 10]	Jan. 15, 1877
89	stout blue pam.	S64	537	G73	Bureau des Longitudes Paris. M. Faye, Président.	Jan. 15, 1877
90	stout yellow pam.	S65	527	G74	Société Nationale des Sciences Naturelles	Jan. 15, 1877.
91	purple cloth	B25	211	G75	Radcliffe Observatory	Jan. 15, 1877.
92	stiff paper	B26	76	G76	Leiden Observatory	May 17, 1876.
93	blue pam	S66	526	G77	Provinciaal Genootschap van Kunsten en Wetenschappen in Noord-Brabant.	Jan. 15, 1877
94	red disk pam.	S67	526	G78	Provinciaal Genootschap van Kunsten en Wetenschappen in Noord-Brabant.	Jan. 15, 1877

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1876			
May	17	Archives du Musée Teyler. Vol. I, fasciculo Premier. 2e édition revue et corrigée. Vol. IV, Fasciculo Premier.	4to Harlem 1875. Harlem 1876
May	17	De Spectatoriale Geschriften van 1741 – 1800. Door J. Hartog.	8vo Utrecht 1872
May	19	Additions à la Connaissance des Temps 1877. (Yvon-Villarceau on orbits of double stars and on measures of transit photographs).	8vo Paris
May	19	Annuaire pour l'an 1876, publié par le Bureau des Longitudes.	12mo Paris
May	30	Memorie della Società degli Spettroscopisti Italiani [see April 10] April 1876	4to Palermo 1876
May	30	Dimensioni della Terra e Ricerca della Posizione del suo Asse di Figura rispetto a quello di Rotazione. Memoria di Emmanuele Fergola.	4to Napoli 1876
June	1	Amphiorama ou La Vue du Monde. Phenomène Inconnu, pour la première fois observé et décrit par F. W. C. Safford	8vo Lausanne 1875
June	2	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXIX	Loose sheets April 1876
June	6	Encyclopaedia Britannica, Ninth Edition. Vol. IV.	4to Boston 1876
June	8	Karte der Plejaden (1855.0). R.E. [Rudolf Engelmann] del. 2 copies.	2 charts
June	14	Recherches sur les Spectres des Métalloïdes par A.-J. Ångström et T.R. Thalén.	4to Upsal 1875
June	19	Transactions of the Connecticut Academy of Arts and Sciences, Vol. III, Part I.	8vo New Haven 1876
June	22	Le Ciel, par Amédée Guillemin. (5th edition Part I, pp. 1 – 160; and separately, Plates II, IV, VI, VIII, VIII, IX, X, XXIII	8vo Paris
June	26	Memorie della Società degli Spettroscopisti Italiani [see April 10] May 1876.	4to Palermo 1876
June	26	Presentazione di un modello di dieteroscopio ad uso delle scuole di fisica e di geodesia. Descrizione ed applicazioni del medesimo. Terza Communicazione di Giovanni Lavini.	8vo Turin 1876
June	26	Le Diétéroscope. [French translation of the last work entered.]	
June	29	United States Coast Survey Field Catalogue of 983 Transit Stars. Mean Places for 1876.0	8vo Washington 1874
July	13	Proceedings of the American Academy of Arts and Sciences. New Series, Vol. III. Whole Series, Vol. XI. May 1875 to May 1876.	8vo Boston 1876
July	14	Effemeridi del Sole, della Luna, e dei principali Pianeti calcolate per Torino in tempo medio civile di Roma per l'anno 1876, dall' assistente professore Giuseppe Mazzola. Same for 1877.	8vo Turin 1876

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95	yellow	$ 68	526	G 79	MM. Les Directeurs de la fondation de P. Teyler van der Hulst à Harlem.	Jan. 15, 1877
96	pams.	$ 69	526	G 80		
97	brown paper	$ 70	526	G. 81	Provinciaal Utrechtsche Genootschap van Kunsten en Wetenschappen.	
98	blue pam.	$ 71	537	G 82	Bureau des Longitudes, Paris. M. Faye, Président.	Jan. 15, 1877
99	red stout pam.	$ 72	537	G 83	Bureau des Longitudes, Paris.	Jan. 15, 1877
100	blue pam.	$ 73	508	G 84	[See April 10]	Jan. 15, 1877
101	blue pam.	$ 74	820	G. 85	Prof. E. Fergola, Naples.	Jan. 15, 1877
102	brown pam.	$ 75	1028	G. 86	F. W. C. Trafford [see Oct. 12, 1875. The present pamphlet includes that then received]	
103	loose sheets	$ 76	511	G. 87	Prof. Dr. R. Wolf, Zürich.	Jan. 15, 1877.
104	½ mor.	B 27	59	P 17	C. W. Sever	
105	small maps	$ 77	541	G. 88	Dr. R. Engelmann, Leipzig.	June 8, 1876.
106		$ 78		G. 89		
107	gray pam	$ 79	826	P. 18	B. Westermann & Co.	
108	gray pam.	$ 80	523	G 90.	Connecticut Academy	Jan. 15, 1877
109	large pam.	$ 81	79	G 91	Amédée Guillemin.	Jan. 15, 1877
110	green pam.	$ 82	508	G 92	[See April 10]	Jan. 15, 1877
111	bluish pam.	$ 83	834	G. 93	Prof. G. Lawini, Military Academy, Turin, Italy	Jan. 15, 1877
112	reddish pam.	$ 84	834	G 94	Prof. G. Lawini.	Jan. 15, 1877
113	no covers	$ 85	544	G 95	U. S. Coast Survey Office	June 29, 1876.
114	gray pam.	$ 86	524	G 96	Am. Academy	
115	yellow pam.	$ 87	812	G 97	Observatory of the Royal University, Turin: Prof. Alessandro Dorna, Director.	Jan. 15, 1877
116	bluish pam.	$ 88	812	G 98		
					Also Turin Bulletin 1875; see Periodicals.	Jan. 15, 1877

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1876 July	14	Il Passagio di Venere sul Sole osservato a Muddapur il 9 dicembre 1874. Rapporto del Prof. A. Dorna. Estratto dalla relazione del Prof. Pietro Tacchini.	4to Palermo 1875
July	26	Result of Astronomical Observations made at the Honorable the East India Company's Observatory at Madras by Thomas Glanville Taylor. Vol. II. For the years 1832 and 1833.	4to Madras 1835.
July	26	Catalog von veränderlichen Sternen, mit Einschluss der neuen Sterne. Mit Noten. Von Prof. Dr. E. Schönfeld.	From the 32. Jahresbericht des Mannheimer Vereins für Naturkunde
July	26	Zweiter Catalog von veränderlichen Sternen. Mit Noten. Von Prof. Dr. E. Schönfeld.	From the 40. Jahresbericht des Mannheimer Vereins für Naturkunde
July	28	Effemeridi del Sole, della Luna, e dei principali Pianeti, calcolate per Torino in tempo medio civile di Roma dall' assistente professore Giuseppe Mazzola. 1874, 1875.	8vo Torino 1874 1875
July	28	L'Aneroide a vite micrometrica sperimentato colle differenze di livello della Strada ferrata delle Alpi da Alessandro Dorna.	8vo Torino 1874
July	28	Circostanze del Passagio di Venere del 1874 calcolate per la linea Madras - Calcutta da Alessandro Dorna.	From the Appendix to Vol. III of the Journal of the Società degli Astronomi Italiani
July	28	Processen-Verbaal vande Gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde. Van Mei 1873 tot en met April 1874. " " 1874 " " " 1875.	8vo Amsterdam
July	28	Jaarboek van de Koninklijke Akademie gevestigd te Amsterdam. Voor 1873. Voor 1874.	8vo Amsterdam
July	28	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Achtste Deel. Negende Deel.	8vo Amsterdam 1874 1876
July	28	Verhandelingen der Koninklijke Akademie van Wetenschappen. Vijftiende Deel. Vijftiende Deel	4to Amsterdam 1874/1875
July	28	Ad Rogum Satira Petri Esseiva, Friburgensis Helvetii, ornata praemio aureo e legato Jacobi Henrici Hoeufft in certamine poetico A. D. VIII Id. Mart. CIↃIↃCCCLXXV. Accedit Elegia Franc. Fr. Moltedo.	8vo Amstelodami 1875
Aug.	1	Anuario del Observatorio de Madrid. Año XI - 1871. Año 12, 1872. (With duplicates.)	8vo Madrid 1871

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117	yellow jam.	S89	811	G99	Observatory of the Royal University of Turin. Prof. Alessandro Dorna, Director.	Jan. 15, 1877.
118	blue paper	S90	545	P19	B. Westermann & Co.	
119	no covers	S91	545	P~~19~~ 20	B. Westermann & Co.	
120	red jam.	S92	545	P21	B. Westermann & Co.	
121	yellow jam	S93	812	G100	See entry July 14	Jan. 15, 1877
122	grayish jam.	S94	812	G.101	See entry July 14	Jan. 15, 1877
123	brown jam.	S95	510	G102	See entry July 14.	Jan. 15, 1877
					Harv. Annals Bulletin 1873 & 1874, as Periodicals	Jan. 15, 1877
124	no covers	S96	811	G103	See entry July 14.	Jan. 15, 1877
125	gray jams.	S97	526	G104	Amsterdam Academy	Jan. 15, 1877
126		S98	526	G105	Amsterdam Academy	Jan. 15, 1877
127	gray	B28	526	G106	Amsterdam Academy	Jan. 15, 1877
128	Vols. stiff paper	B29	526	G107	Amsterdam Academy	Jan. 15, 1877
129	gray vols. stiff paper	B30	526	G108	Amsterdam Academy	Jan. 15, 1877
130		B31	526	G109		
131	gray vols. stiff paper	B32	74	G110	Amsterdam Academy	Jan. 15, 1877
132		B33	74	G111		
133	gray jams	S99	1024	G112	Amsterdam Academy	Jan. 15, 1877
134	both backs	B34	204	G113	Madrid Observatory.	Jan. 15, 1877
135		B35	204	G114		

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1876			
Aug.	1	Resúmen de las Observaciones Meteorológicas efectuadas en la Península, Dec. 1, 1868 — Nov. 30, 1869; Dec. 1, 1869 — Nov. 30, 1870. (With duplicates)	8vo Madrid 1871, 1872
Aug.	1	Observaciones Meteorológicas efectuadas en el Observatorio de Madrid, Dec. 1, 1868 — Nov. 30, 1869; Dec. 1, 1869 — Nov. 30, 1870. (With duplicates)	8vo Madrid 1870, 1871
Aug.	3	Memorie della Società degli Spettroscopisti Italiani. [See April 10].	4to Palermo 1876
Aug.	5	Government Observatory, Sydney. (Report of Astronomer, for 1874 & 1875)	folio 9 pp.
Aug.	7	Publications of the Cincinnati Observatory. 1. Catalogue of 50 New Double Stars.	8vo Cincinnati 1876
Aug.	14	Repertorium der literarischen Arbeiten aus dem Gebiete der reinen und angewandten Mathematik "Originalberichte der Verfasser" gesammelt und herausgegeben von Dr. Leo Königsberger und Dr. Gustav Zeuner. 1. Band. 1. Heft.	8vo Leipzig 1876.
Aug.	26	Comité International des Poids et Mesures. Procès-Verbaux des Séances de 1875 — 1876.	8vo Paris 1876
Aug.	26	Daily Bulletin of Weather Reports, Signal Service United States Army; for August and for September, 1873	4to Washington 1876
Aug.	28	same for October & for November, 1873	4to Washington 1876
Aug.	30	English Nautical Almanac, 1854 — 1875, 22 bound volumes.	8vo London
Aug.	31	Reduction of the Observations of Fixed Stars made by Joseph Le Paute D'Agelet, at Paris, in 1783 - 1785, with a Catalogue of the Corresponding mean places referred to the equinox of 1800.0. By Benjamin Apthorp Gould.	4to Washington 1866.
Sept.	5	Memorie della Società degli Spettroscopisti Italiani raccolte e pubblicate per cura del Prof. P. Tacchini. Luglio 1876.	4to Palermo 1876
Sept.	6	Le Ciel par Amédée Guillemin. (5th edition) Part II, pp. 161 — 320; and separately, Plates XI, ~~XII~~ XIII, XIV, XV, XVI, XVII, XXIV, XXV, XXVI.	8vo Paris
Sept.	7	The American Ephemeris and Nautical Almanac, for the year 1879.	8vo Washington 1876
Sept.	8	Fifth Annual Report of the Meteorological Office of the Dominion of Canada.	8vo Ottawa, 1876.
Sept.	11	Observaciones del Tránsito de Venus, hechas en el Japon por la Comision Astronómica Mexicana.	8vo Paris, 1875
Sept.	12	The Opposition of Mars in 1877. (Paper by Prof. Eastman, communicated by Admiral Davis).	No title page
Sept.	15	Daily Bulletin of Weather Reports, Signal Service, U. S. Army; ... for Feb. to July, 1873, inclusive.	4to Washington 1876
Sept.	16	Beobachtungen der Sonnenflecken II. Herausgegeben von Prof. Dr. G. Spörer. Fortsetzung der Publication XIII. der Astronomischen Gesellschaft.	4to Leipzig 1876

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136	cloth	B36	204	G115	Madrid Observatory	Jan. 15, 1877
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138	cloth	B38	204	G117	Madrid Observatory	Jan. 15, 1877
139	backs	B39	204	G118		
140	blue pam.	S100	508	G119	[See April 10].	Jan. 15, 1877
141	no covers	S101	813	G120	Government Astronomer (H.C. Russell).	Jan. 15, 1877
142	gray pam.	S102	545	G.121	Cincinnati Observatory	Jan. 15, 1877
143	yellow pam.	S103	533	P.22	B. Westermann & Co.	
144	gray pam.	S104	834	G122	International Committee (recd. by mail)	
145	black	B40	502	G123	Gen. A.J. Myer, Chief Signal-Officer.	Jan. 15, 1877
146	cloth	B41		G124		
147	black	B42	502	G125	" " " Chief Signal Officer	Jan. 15, 1877
148	cloth	B43		G126		
149 to 170 incl.	½ sheep	B 44 to 65 incl.	209	G 127 to 148 incl.	R. T. Paine	Aug. 30, 1876.
171	large blue pam.	S105	546	P.23	Estate of Prof. Winlock.	

1	blue pam.	S.1	508	G.1	Receive by mail, presumably from Prof. Tacchini, Palermo.	Jan. 15, 1877
2	large pam.	S.2	79	G2	Amédée Guillemin.	Jan. 15, 1877
3	large pam.	S.3	542	G 3	Prof. J. H. C. Coffin, Supt. of Am. Ephemeris, Washington.	
4	stout blue pam.	S 4	507	G4	Canada Meteorological Office G. T. Kingston, Supt., Toronto.	Sept. 8, 1876.
5	gray pam.	S 5	811	G 5	Prof. F. D. Covarrubias through Hon. M. Bárcena, Mexican Commissioner, Int. Exhibition, 3206 Chestnut St. Philadelphia.	Sept. 11, 1876.
6	blue pam.	S.6	852	G6	United States Naval Observatory.	Jan. 15, 1877
7 to 12	black cloth	B.7 to 6	502	G 7 to 12	Gen. A.J. Myer, Chief Signal Officer. (Duplicates)	
13	red disk cloth	B 7	211	G 13	Prussian Government Imperial German Legation, Washington	Jan. 15, 1877

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1876			
Sept.	18	Instruments and Publications of the United States Naval Observatory.	4to Washington 1845–1876
Oct.	4	History of Physical Astronomy, from the Earliest Ages to the Middle of the Nineteenth Century. By Robert Grant.	8vo London 1852
Oct.	9	Memorie della Società degli Spettroscopisti Italiani [See Sept. 5]. Agosto 1876	4to Palermo 1876
Oct.	24	Der Mond als glänzender Beleg für die kosmisch bewirkte säkulare Umlegung verschiebbarer Bestandtheile der Weltkörper. Eine Studie von Professor Dr. J. Heinr. Schmick.	8vo Leipzig 1876
Oct.	24	Beobachtungen angestellt auf der Sternwarte des Kammerherrn von Bülow zu Bothkamp, Heft III. Herausgegeben von Dr. C. Lohse.	4to Leipzig 1876
Oct.	30	Astronomische Mittheilungen von Dr. Rudolf Wolf. XXXIX. (Duplicate of that received June 2, 1876.	from obsts April 1876
Oct.	30	Results of Meteorological Observations made in New South Wales during 1874, under the direction of H. C. Russell, Government Astronomer.	8vo Sydney 1876.
Oct.	30	On Personal Errors in Astronomical Transit Observations. By John L. E. Dreyer, Astronomer at the Earl of Rosse's Observatory.	8vo Dublin, 1876 From the Proceedings of the Royal Irish Academy
Oct.	30	Voyage autour du Monde sur la Frégate Suédoise l'Eugénie, exécuté pendant les années 1851–1853, sous le commandement de C. A. Virgin. Observations Scientifiques, publiées ..... par l'Acad. Roy. des Sciences à Stockholm.	4to Stockholm 1858–1874
Oct.	30	Astronomische, Magnetische, und Meteorologische Beobachtungen an der k. k. Sternwarte zu Prag im Jahre 1875. 36. Jahrgang.	4to Prag, 1876
Oct.	30	Verzeichniss der von Bradley, Piazzi, Lalande, und Bessel beobachteten Sterne, in dem Theile ..... berechnet und auf 1800 reducirt. Zonen 0^h, I^h, III^h, V^h, VI^h, VII^h, IX^h, XI^h, XX^h. Blätter 1, 2, 4, 6, 7, 8, 10, 12, 21.	4to Berlin 1848–1858
Oct.	30	Astronomische Beobachtungen auf der Königlichen Sternwarte zu Berlin. Herausgegeben von Joh. Franz Encke. Vierter Band.	4to Berlin 1857
Oct.	30	Annalen des Physikalischen Central-Observatoriums herausgegeben von H. Wild. Jahrgang 1874.	4to St. Petersburg 1876
Oct.	30	Observaciones Astronomicas hechas en el Observatorio Nacional de Santiago de Chile en los años de 1856 á 1860 por el Doctor Cárlos Guillermo Moesta, antiguo Director del Observatorio. Tomo II.	4to Dresde 1875
Nov.	6	Bullettino Meteorologico dell' Osservatorio del Collegio Romano. Vol. VI to Vol. XIV incl. 1867–1875	4to Roma
Nov.	6	Sulla grande nebulosa di Orione Misura della base trigonometrica ..... sulla Via Appia ... 1854-55 (Duplicates previously rec'd) Both by P. A. Secchi.	4to Firenze 1868 4to Roma 1858

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14	red fish cloth	B 8	45	G. 14	U. S. Naval Observatory Admiral C. H. Davis, Supt.	Jan. 15, 1877
15	greenish cloth	B 9	79	P 1	Estate of Prof. Winlock	
16	green pam.	S 7	508	G. 15	[See Sept. 5]	Jan. 15, 1877
17	yellow pam	S 8	849	P 2	B. Westermann & Co.	
18	brownish pam.	S 9	529	P. 3	B. Westermann & Co.	
19	loose sheets	F 1	511	G. 16	Prof. Dr. R. Wolf, Zürich. (duplicate)	
20	blue pam.	S. 10	507	G. 17	Sydney Observatory, H. C. Russell, Director.	Jan. 15, 1877
21	blue pam.	S 11	816	G. 18	John L. E. Dreyer	Jan. 15, 1877
22	gray pam.	~~S 12~~ S. 12	802	G 19	Royal Academy of Sciences, Stockholm.	Oct. 30, 1876.
23	green vol. stiff paper	S 13	517	G 20	Poggue Observatory. Prof. Dr. Carl Hornstein Director	Jan. 15, 1877
24 to 32	no covers	S 14 to S 22	76	G 21 to G 29	Berlin Academy of Sciences Receipt acknowledged to Prof. Förster	Jan. 15, 1877
33	brown vol stiff paper	S 23	76	G 30	Berlin Academy (?) Receipt acknowledged to Prof. Förster	Jan. 15, 1877
34	stout blue pam.	S 24	519	G 31	Physical Central Observatory, H. Wild, Director. [Also Repertorium für Meteorologie. See Periodicals]	Oct. 30, 1876 Oct. 30, 1876.
35	brown pam.	S. 25	543	G 32	Dr. C. W. Moesta, Dresden.	Jan. 15, 1877.
36 to 44	yellow pams.	S 26 to S 34	508	G 33 to G 41	Observatory of Roman College Rev. A. Secchi, Director	Jan. 15, 1877
45	pams.	S 35	831	G 42	Observatory of Roman College Rev. A. Secchi, Director	Jan. 15, 1877
46		S 36	812	G 43		

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1876			
Nov.	6	Sulla relazione dei fenomeni meteorologici colle variazioni del magnetismo terrestre. Teoria del P. Angelo Secchi esposta dall'avvocato Raffaele Drago.	8vo Genova 1870
Nov.	6	Studii intorno ai diametri solari del P. Paolo Rosa della Compagnia di Gesù, assistente all' Osservatorio Pontificio del Collegio Romano.	4to Roma 1874
Nov.	10	Procédé au collodion sec, par E. Boivin. Deuxième Édition.	12mo Paris 1876
Nov.	14	Annual Report of the New York Meteorological Observatory for 1874 & 1875. By Daniel Draper, Director. Central Park, New York.	8vo New York 1876.
Nov.	21	Nouvelles Études sur le Climat de Genève, par E. Plantamour.	Genève-Bale-Lyon 1876 4to
Nov.	22	Memorie della Società degli Spettroscopisti Italiani [see Sept. 5]. Settembre, 1876.	4to Palermo 1876
Dec.	2	Le Ciel, par Amédée Guillemin. (5th edition) Part III, pp. 321–480; and separately, Plates XXII, XXVI, XXXIII, XXXVI, XXXVII XXXVIII, XLI XLV.	8vo Paris
Dec.	2	Memorie della Società degli Spettroscopisti Italiani [see Sept. 5]. Ottobre 1876	4to Palermo 1876
Dec.	11	Tychonis Brahei et ad eum doctorum virorum epistolae nunc primum collectae et editae a F. R. Friis. Fasc. I,	4to Hafniae 1876
Dec.	11	Sammlung wissenschaftlicher Vorträge von Wilhelm Förster.	8vo Berlin 1876
Dec.	11	Die Meteorsteine. Von Albrecht Müller, Professor an der Universität Basel.	8vo Basel 1876
Dec.	22	Memorie della Società degli Spettroscopisti Italiani [see Sept. 5]. Novembre 1876.	4to Palermo 1876
Dec.	22	Pubblicazioni del Reale Osservatorio di Brera in Milano. No. XL. Sugli Eclissi Solari Totali del 3 Giugno 1239 e del 6 Ottobre 1241. Memoria di Giovanni Celoria.	4to Milano, Napoli, Pisa. 1876
Dec.	27	Astronomische Mittheilungen. Von Dr. Rudolf Wolf. XXXX. Juli 1876.	loose sheets 8vo
Dec.	27	61ter jahresbericht der Naturforschenden Gesellschaft in Emden, 1875.	Emden 1876
Dec.	27	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read at the Annual Visitation of the Royal Observatory, 1876 June 3.	4to
Dec.	27	Mémoires de la Société Nationale des Sciences Naturelles de Cherbourg. Tome XIX.	8vo Paris, Cherbourg 1875
Dec.	27	Bullettino Mensile dello Osservatorio Meteorico e Magnetico Valerio in Pesaro. Serie II, Vol. I. (Duplicate of that recd. Feb. 4, 1876.)	loose sheets Bologna 1875.

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47	yellowish pam.	S 37	802	G 43	Observatory of Roman College Rev. A. Secchi, Director	Jan. 15, 1877
48	blue pam	S 38	843	G 45	Observatory of Roman College Rev. A. Secchi, Director	Jan. 15, 1877
49	gray pam.	S 39	Photographic Laboratory	P. 4	Schoenhof & Moeller	
50	blue pam	S 40	501	G 46	New York Meteorological Observatory. Dr. Draper, Director.	Jan. 15, 1877.
51	gray pam.	S 41	806	G 47	Prof. E. Plantamour, Geneva.	Jan. 15, 1877
52	blue pam.	S 42	508	G 48	[See Sept. 5].	Jan. 15, 1877
53	large pam.	S 43	79	G 49	Amédée Guillemin.	Jan. 15, 1877
54	green pam.	S 44	508	G 50	[See Sept. 5].	Jan. 15, 1877
55	brown pam.	S 45	823	P. 5	B. Westermann & Co.	
56	brown pam.	S 46	815	P. 6	B. Westermann & Co.	
57	brown pam.	S 47	840	P. 7	B. Westermann & Co.	
58	green pam.	S 48	508	G 51	[See Sept. 5]	Jan. 15, 1877
59	red pam.	S 49	533	G 52	Osservatorio di Brera, Milano; Prof. Schiaparelli, Director.	Jan. 15, 1877.
60	loose sheets	F. 2	511	G 53	Prof. Dr. R. Wolf, Zürich.	Jan. 15, 1877
61	no covers	S 50	515	G 54	Naturf. Ges. in Emden Dr. A. Leers, Secretary.	Jan 15, 1877
62	no covers	S 51	825	G 55	Greenwich Observatory	Jan. 15, 1877
63	stout brown pam.	S 52	527	G 56	Soc. Nat. des Sc. Natur., Cherbourg.	Jan. 15, 1877
64	loose sheets	F. 3	510	G 57	Pesaro Met. & Mag. Observatory Luigi Guidi, Director. (duplicate)	

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1876			
Dec.	27	Anuario del Observatorio de Madrid. Año XIII, 1873: Año XIV, 1876. (2 copies of each)	8vo Madrid 1872, 1875
Dec.	27	Observaciones Meteorológicas efectuadas en el Observatorio de Madrid desde el dia 1° de Diciembre al 30 de Noviembre 1870–1871; 1871–1872; 1872–1873. (2 copies of each)	8vo Madrid 1872, 1873, 1874
Dec.	27	Resúmen de las Observaciones Meteorológicas efectuadas en la Península desde el dia 1° de Diciembre al 30 de Noviembre 1870–1871; 1871–1872; 1872–1873; (2 copies of each)	8vo Madrid 1872, 1873, 1875
Dec.	27	Public Libraries in the United States of America; their History, Condition, and Management. Special Report Department of the Interior, Bureau of Education. Part I.	8vo Washington 1876
1877 Jan.	5	Astronomiska Jakttagelser och Undersökningar anstälda på Stockholms Observatorium, utgifna af Hugo Gyldén. Första Bandet. Häftet 1.	4to Stockholm 1876
Jan.	12	The Encyclopaedia Britannica, a Dictionary of Arts, Sciences, and General Leiteratum. Ninth Edition. Vol. V.	4to Boston 1876
Jan.	15	Newspaper with account of a meteor seen in some Western States, December, 1876	Newspaper
Jan.	15	Eleventh Report of the Board of Visitors to the Melbourne Observatory; with the annual report of the Government Astronomer for the year ended 20th June 1876.	Melbourn
Jan.	22	American Cyclopaedia (Appleton's). Vols. 14, 15, 16.	8vo New York 1875, 1876
Jan.	26	U.S. Signal Service, instructions for meteorological observations in the Navy	
Jan.	26	Materyały do Klimatografii Galicyi zebrane przez Sekcyę meteorologiczną. Rok 1875.	8vo Krakow 1876
Jan.	26	Bulletin de la Société des Sciences Naturelles de Neuchatel. Tome X. Troisième cahier.	8vo Neuchatel 1876
Jan.	26	Sammlung von Oppositions-Ephemeriden (nach der Zeit geordnet) und Verzeichniss genäherter geocentrischer Oerter der Planeten (1) bis (614) für das Jahr 187].	8vo
Jan.	31	Memorie della Società degli Spettroscopisti Italiani [see Sept. 5.] Dicembre, 1876.	4to Palermo 1876
Feb.	1	Theorie des Heliometers. Von Hugo Seeliger.	8vo Leipzig 1877.
Feb.	6	Le Ciel, par Amédée Guillemin. (5th Edition) Part IV, pp. 481–640; and separately, Plates XXVII, XXVIII, XXIX, XXX, XXXIV, XXXIX, XLIII, XLIX, LI	8vo Paris
Feb.	6	Elements of Physical Manipulation. By Edward C. Pickering.	8vo Boston 1876

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65 66	cloth backs	B10 B11	204	G58 G59	Madrid Observatory Antonio Aguilar, Director	Jan. 15, 1877
67 68 69	cloth backs	B12 B13 B14	204	G60 G61 G62	Madrid Observatory	Jan. 15, 1877
70 71 72	cloth backs	B15 B16 B17	204	G63 G64 G65	Madrid Observatory	Jan. 15, 1877
73	stout vol. paper	S53	205	G66	Bureau of Education John Eaton, Commissioner	Dec. 27, 1876.
74	thin blue pam.	S.54	527	G67	Academy of Sciences, Stockholm. Mem. Berl. für Meet. Bd IV. Heft 2. See Periodicals	Jan. 5, 1877 Jan. 5, 1877
75	stout vol	B18	59	P8	C. W. Sever	
76	newspaper	F4	840	G68	Not known.	
77	no covers	S55	813	G69	Melbourne Observatory R. L. J. Ellery, Director.	Jan. 15, 1877
78 79 80	½ mor.	B19 B20 B21	82	P9 P10 P11	W. F. Butler, agent of D. Appleton & Co.	
81	disks sheets with chart	F.5	502	G70	Gen. A. J. Myer, Chief Signal Officer	Jan. 25, 1877.
82	green pam.	S56	516	G71	Krakow Observatory Prof. Dr. F. Karlinski, Director	Jan. 25, 1877.
83	yellow pam.	S57	527	G72	Neuchatel scient. Association	Jan. 25, 1877.
84	brown pam	S58	854	G73	Berlin Jahrbuch Office?	
85	green pam.	S59	508	G74	[see Sept. 5].	
86	blue pam.	S60	814	P12	B. Westermann & Co.	
87	large pam.	S61	79	G75	Amédée Guillemin.	
88	brown cloth	B22	79	G76	E. C. Pickering.	

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1877				
Feb.	7	Mittlere und scheinbare Oerter für das Jahr 1877 von 539 Sternen. (2 copies)	8vo	Berlin 1876
Feb.	13	American Ephemeris and Nautical Almanac for 1877, (2 copies). Second Edition.	8vo	Washington 1876
Feb.	14	Mittlere und scheinbare Oerter für das Jahr 1877 von 539 Sternen.	8vo	Berlin 1876
Feb.	21	Connaissance des Temps ou des mouvements célestes, à l'usage des astronomes et des Navigateurs, pour l'an 1878, publiée par le Bureau des Longitudes. Additions à la Connaissance des temps, 1878.	8vo	Paris 1876
Feb.	21	Annuaire pour l'an 1877, publié par le Bureau des Longitudes.	18mo	Paris
March	5	Berliner Astronomisches Jahrbuch für 1879, mit Ephemeriden der Planeten (1)–(164) für 1877.	8vo	Berlin 1877
March	5	Astronomical and Meteorological Observations made during the year 1874, at the United States Naval Observatory	4to	Washington 1877
March	10	Dun Echt Observatory Publications. Vol. I. A Summary or Index of the Measurements in the ..... Mensurae Micrometricae ... Struve.	4to	Dun Echt Aberdeen 1876
March	10	An Essay on New South Wales, the mother colony of the Australias. By G. H. Reid,	8vo	Sydney 1876
March	21	Tables for facilitating Sumner's Method at Sea. By Sir William Thomson.	folio	London 1876
March	21	The Moon, and the condition and Configurations of its surface. By Edmund Neison.	8vo	London 1876
March	21	A History of the Theory of Probability from the time of Pascal to that of Laplace. By I. Todhunter.	8vo	Cambridge & London 1865
March	21	A History of the Mathematical Theories of Attraction and the Figure of the Earth from the time of Newton to that of Laplace. By I. Todhunter.	8vo	2 vols, London 1873
March	21	An Elementary Treatise on Laplace's Functions, Lamé's Functions and Bessel's Functions. By I. Todhunter.	8vo	London 1875
March	21	A Treatise on Differential Equations By George Boole.	8vo	London 1872
March	21	Celestial Objects for Common Telescopes by the Rev. T. W. Webb. Third Edition, revised and enlarged.	8vo	London 1873
March	21	An Elementary Treatise on Partial Differential Equations, by George Biddell Airy. Second Edition.	8vo	London 1873
March	21	South Kensington Museum. Handbook to the Special Loan Collection of Scientific Apparatus, 1876.	8vo	London & New York

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89	yellow pam.	S62	545	G77	~~B. Westermann & Co.~~ Probably from Prof. W. Foerster	Feb. 14, 1877.
90	yellow pam.	S63		G78		
91	red paper	S64	542	G79	American Ephemeris Prof. J. H. C. Coffin, Supt.	Feb. 13, 1877.
92	red paper	S65		G80		
93	yellow pam.	S66	545	P13	B. Westermann & Co.	
94	blue pam.	S67	537	G81	Bureau des Longitudes M. Faye, President.	Feb. 21, 1877.
95	blue pam.	S68		G82		
96	small red pam. (stout)	S69	537	G83	Bureau des Longitudes	Feb. 21, 1877.
97	gray pam.	S70	537	G84	Jahrbuch Office. Prof. W. Foerster, Supt.	March 5, 1877.
98	brown cloth	B23	45	G85	U. S. Naval Observatory	March 2, 1877.
99	gray stiff paper	S71		G86	Lord Lindsay, Dun Echt, Aberdeen	March 10, 1877.
100	green pam.	S72	506	G87	Donor unknown. Sent through John Wiley & Son New York.	
101	brown cloth	B24	30	P14	A. Williams & Co.	
102	red cloth	B25	81	P15	A. Williams & Co.	
103	green cloth	B26	21	P16	A. Williams & Co.	
104	green cloth	B27	19	P17	A. Williams & Co.	
105	green cloth	B28	19	P18	A. Williams & Co.	
106	green cloth	B29	19	P19	A. Williams & Co.	
107	brown cloth	B30	79	P20	A. Williams & Co.	
108	green cloth	B31	19	P21	A. Williams & Co.	
109	green cloth	B32	79	P22	A. Williams & Co.	

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March 21	Saturn and its System. By Richard A. Proctor.	8vo London 1865
March 22	Annalen der k.k. Sternwarte in Wien. Dritter Folge fünfundzwanzigster Band. Jahrgang 1875.	8vo Wien 1876
March 22	Hilfstafeln zur Berechnung der Polaris-azimute zunächst mit Rücksicht auf die Zeitbestimmung im Verticale des Polarsternes. Von Eugen Block	4to St. Petersburg 1875
March 22	Déclinaisons Moyennes Corrigées des Etoiles Principales pour l'époque 1845.0 déduites des observations faites au cercle vertical de Poulkova dans les années 1842-1849, et recherches sur les erreurs de division du cercle, par Magnus Nyrén. (Supplément à l'introduction au Volume IV des Observations de Poulkova).	4to St. Petersburg 1875.
March 22	Jahresberichte am 16. Mai 1875 & am 19 Mai 1876 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte.	8vo St. Petersburg 1875 1876
March 22	Atlas Ecliptique. (Annales de l'Observatoire de Paris. Atlas). Nos. 7 ($11^h 0^m$–$11^h 21^m$); 29a ($11^h 20^m$–$11^h 40^m$); 31 ($10^h 0^m$–$10^h 21^m$); 32 ($10^h 20^m$–$10^h 40^m$); 43a ($14^h 0^m$–$14^h 20^m$); 60 ($19^h 40^m$–$20^h 0^m$).	Charts
March 22	Annales de l'Observatoire de Paris, publiées par U. J. Le Verrier. Mémoires. Tome X. Tome XI, première Partie. Tome XI, Deuxième Partie. Tome XII.	4to Paris 1874 1876
March 24	Daily Bulletin of Weather-Reports, Signal Service United States Army.... Dec. 1873. Jan. 1874	4to Washington 1876
March 24	Astronomische Mittheilungen von Dr. Rudolf Wolf. XLII. Feb. 1877.	two sheets
April 6	Papers on Physics, by E. C. Pickering. (A collection of pamphlets bound together. No title-page).	8vo
April 9	Bulletin Météorologique Mensuel de l'Observatoire de l'Université d'Upsal. Vols. VI, VII	4to Upsal 1874-75 1875-76
April 12	The Metric Bulletin. Official Journal of the American Metric Bureau. July to December, 1876.	Nos. 1 to 6 bound together
April 17	Nautical Almanac for 1877 and for 1878.	8vo London 1873 1874
April 20	Greenwich Observations 1874.	4to London 1876
April 20	Results of Astronomical Observations made at the Royal Observatory, Cape of Good Hope, during the years 1871, 1872 and 1873.	8vo Cape Town 1876
April 21	Publications of the Cincinnati Observatory.	
	2. Mitchel's Micrometrical Measurements of Double Stars.	8vo Cincinnati 1876.
	3. Micrometrical Measurements of Double Stars, 1875-76.	8vo Cincinnati 1877.
April 24	Dun Echt Observatory Publications, Vol. I. (Duplicate of that received March 10).	4to Dun Echt 1876
April 24	Annual Report of the Secretary of the Navy on the Operations of the Department for the year 1876	8vo Washington 1876

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110	blue cloth	B 33	80	G 23	A. Williams & Co.	
111	purple pam.	S 73		G 88	Vienna Observatory	March 22, 1877.
112	large gray pam.	S 74		G 89	Pulkowa Observatory	March 22, 1877
113	large gray pam.	S 75		G 90	Pulkowa Observatory	March 22, 1877.
					Astr. Nachr. Munich Sitzb. 1876. III. Overzicht 1875, 2, 1876, 1, 2. See Periodicals	March 22, 1877.
114	brown	S 76		G 91	Pulkowa Observatory	March 22, 1877.
115	pams.	S 77		G 92		
	charts				Paris Observatory	March 22, 1877
116	green	S 78	83	G 93	Paris Observatory.	March 22, 1877.
117		S 79		G 94		
118	paper	S 80		G 95		
119		S 81		G 96		
120	black cloth	B 34	502	G 97	U. S. Army, Signal Service Gen. A. J. Myer, Chief Signal Officer	March 24, 1877.
121		B 35		G 98		
122	brown sheets	F. 6		G 99	Prof. Dr. R. Wolf, Zürich	
123	brown cloth	B 36		G 100	Prof. E. C. Pickering.	
124	pams.	S 82	512	G 101	Upsal Observatory	April 9, 1877.
125	from Upsala	S 83		G 102		
126	brown cloth	B 37		G 103	Prof. E. C. Pickering	
127	half sheep	B 38		G 104	R. T. Paine (vol. for 1878 to key back for the present by Mr. Paine, May 12, 1877.)	April 17, 1877.
128		B 39		G 105		
129	bds.	B 40		G 106	Greenwich Observatory	April 20, 1877.
130	blue cloth	B 41		G 107	Greenwich Observatory	April 20, 1877.
131	gray pams.	S 84		G 108	Cincinnati Observatory	April 21, 1877.
132		S 85		G 109	— " — — " —	
133	gray stiff paper	S 86		G 110	Lord Lindsay, 47 Brook St. London	April 24, 1877.
134	black cloth	B 42		G 111	Prof. E. S. Holden	April 24, 1877.

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April	28	Lettre adressée à M. le Président de l'Académie des Sciences sur la constitution physique des Comètes; par M. Benjamin Peirce (misprinted Pierce)	Extract from the Comptes Rendus? no date or title
April	28	Outlines of Astronomy. By Arthur Searle.	8vo Boston 1875
April	30	Mittlere und scheinbare Oerter für das Jahr 1878 von 539 Sternen.	8vo Berlin 1877
April	30	Statement and Exposition of certain Harmonies of the Solar System. By Stephen Alexander. (Duplicate of that received June 18, 1875.)	4to Washington 1875
May	5	Radcliffe Observations, 1874. Vol. XXXIV.	8vo Oxford, 1876.
May	7	Photometrische Beobachtungen an Fixsternen. Von Julius Theodor Wolff.	8vo Leipzig 1877
May	12	Nautical Almanac for 1876.	8vo London 1872
May	18	The Theory of Screws: a study in the dynamics of a rigid body. By Robert Stawell Ball.	8vo Dublin 1876
May	21	An Elementary treatise on the Lunar Theory. By Hugh Godfray.	London & New York 1871
May	21	Daily Bulletin of Weather Reports, Signal Service, United States Army ---- February & March 1874.	4to Washington 1876
May	23	Verhandelingen der Koninklijke Akademie van Wetenschappen. Zestiende Deel.	4to Amsterdam 1876
May	23	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Tiende Deel.	8vo Amsterdam 1877
May	23	Jaarboek van de Koninklijke Akademie van Wetenschappen, gevestigd te Amsterdam, voor 1875.	8vo Amsterdam
May	23	Processen-Verbaal van de gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde Van Mei 1875 tot en met April 1876.	8vo
May	23	Annual Report upon the survey of northern and northwestern lakes in charge of C. B. Comstock. 1875. 1876.	8vo Washington 1876 1877
May	23	Notes on European Surveys, compiled under the direction of C. B. Comstock.	8vo Washington 1876
May	23	Report on the inspection of the South Pass Improvement of the mouth of the Mississippi River (June 9, 1876) by C. B. Comstock	8vo Washington 1876
May	23	Fourth, Fifth, and Sixth Reports on the inspection of the South Pass Improvement of the mouths of the Mississippi River, showing the condition of the works on August 17, 1876, Nov. 18, 1876, March 16, 1877. By C. B. Comstock.	8vo Washington 1876, 1877.
May	28	A Handbook of Descriptive Astronomy. By Georgy Chambers, F.R.A.S. Third Edition.	8vo Oxford 1877
May	28	On eight meteoric fire-balls seen in the United States from July, 1876, to February, 1877. By Daniel Kirkwood.	Papers read before the American Philosophical Society
May	28	On the relative ages of the Sun and certain of the fixed stars. By Daniel Kirkwood.	

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135	square blue jean	S 87		G.112	Prof. B. Peirce	April 28, 1877.
136	green cloth	B 43		P 24		
137	yellow jean.	S 88		G.113	Prof. W. Foerster	April 30, 1877
138	gray jean	S 89		G 114	Prof. S. Alexander	April 30, 1877.
139	brown cl.	B 44		G 115	Radcliffe Observatory	May 5, 1877
140	stiff paper	B 45		P 25	B. Westermann & Co.	
141	sheep	B 46		G 116	R. T. Paine	May 12, 1877.
142	reddish cloth	B. 47		P 26	Little, Brown & Co.	
143	green cloth	B 48		P. 27		
144	black cloth	B 49	5022	G 117	Gen. A. J. Myer, Chief Signal Officer	May 21, 1877.
145		B 50		G 118		
146	stiff paper	B 51		G 119	Amsterdam Academy	May 23, 1877.
147	stiff paper	B. 52		G. 120	Amsterdam Academy	May 23, 1877.
148	stiff paper	B 53		G 121	Amsterdam Academy	May 23, 1877.
149	gray jean	S 90		G. 122	Amsterdam Academy	May 23, 1877.
150	gray jeans.	S 91		G 123	Gen. C. B. Comstock, Detroit	May 23, 1877
151		S 92		G 124		
152	gray jean	S 93		G. 125	Gen. C. B. Comstock	May 23, 1877
153	gray jean.	S 94		G 126	Gen. C. B. Comstock	May 23, 1877.
154	gray jeans	S 95		G 127	Gen. C. B. Comstock	May 23, 1877.
155		S 96		G 128		
156		S 97		G 129		
157	reddish cloth	B 54		P 28		
158	gray jeans	S 98		G 130	Prof. D. Kirkwood, Bloomington, Ind.	May 25, 1877.
159		S 99		G 131		

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1877

May	29	Die Principien der astronomischen Instrumentenkunde von Dr. Philipp Carl.	8vo Leipzig 1863
May	29	Abhandlungen von Friedrich Wilhelm Bessel, herausgegeben von Rudolf Engelmann. In drei Bänden.	4to Leipzig 1875, 1876
May	29	Ueber die Beziehungen der Sonnenflecken-periode zu meteorologischen Erscheinungen. Von Dr. F. G. Hahn.	8vo Leipzig 1877
May	29	Explanation of the Seal of the U. S. Naval Observatory.	
May	29	Reports of Foreign Societies on awarding medals to the American Arctic Explorers, Kane, Hayes, Hall. By Prof. J. E. Sourse.	8vo U. S. Naval Observatory 1876
June	1	On that part of the motion of the lunar perigee which is a function of the mean motions of the sun and moon. By G. W. Hill.	4to Cambridge 1877
June	6	Abstracts of Magnetical Observations made at ----- Toronto --- 1856 to 1862, & parts of 1853-1855.	4to Toronto 1863
June	6	Abstracts of Meteorological Observations made at --- Toronto --- 1854 to 1859.	4to Toronto 1864
June	6	Results of Meteorological Observations made at --- Toronto --- 1860 to 1862.	4to Toronto 1864
June	6	Contributions to Barometric Hypsometry; with Tables for use in California.	4to 1874
June	9	Climate of New South Wales: Descriptive, Historical, and Tabular. By H. C. Russell	8vo Sydney 1877
June	11	Annual Reports of the Chief Signal Officer to the Secretary of War. 1873. 1874.	8vo Washington 1874 1875
June	11	Effemeridi del Sole, della Luna, e dei principali Pianeti calcolate per Torino in tempo medio civile di Roma per l'anno 1878 di Alessandro Dorna.	8vo Torino 1877
June	11	Taschenbuch für Mathematik, Physik, Geodäsie und Astronomie, Von Dr. R. Wolf. Fünfte Auflage.	Zürich 1877
June	11	Mittlere und scheinbare Oerter für das Jahr 1878 von 539 Sternen.	8vo Berlin 1877
June	11	36ter Jahresbericht des Mannheimer Vereins für Naturkunde. (Contains an article on Algol by Schönfeld).	Mannheim 1870
June	11	Briefe zwischen A. v. Humboldt und Gauss. Zum hundertjährigen Geburtstage von Gauss am 30, April 1877 herausgegeben von Dr. K. Bruhns.	8vo Leipzig 1877
June	11	Monthly Weather Review, April 1877. War Department, Office of the Chief Signal Officer.	
June	11	Le Ciel, par Amédée Guillemin. (5ter edition). Final Series of text & plates).	8vo Paris
June	13	Miscellaneous Publications of the U. S. Geological Survey, Dept. of the Interior. Lists of Elevations. Fourth Edition.	8vo Washington 1877

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160	gray paper	S100		P29	B. Westermann & Co.		
161	gray paper	S101		P30	B. Westermann & Co.		
162		S102		P31			
163		S103		P32			
164	gray paper	S104		P33	B. Westermann & Co.		
165	gray pam.	S105		G132	Prof. J. E. Nourse	May 30, 1877	
166	blue pam.	S106		G133	Prof. J. E. Nourse	May 30, 1877.	
167	large gray pam.	S.107		G.134	G. W. Hill, Nyack Turnpike, N.Y.	June 1, 1877.	
168	½ mm.	B55	506	G.135	Mrs. Sparks	June 6, 1877.	
169	½ mm.	B56	506	G136	Mrs. Sparks	June 6, 1877.	
170	½ mm.	B57	506	G137	Mrs. Sparks	June 6, 1877.	
171	green cloth	B58		G138	Prof. J. D. Whitney	June 6, 1877	
172	stiff paper	B59		G139	H. C. Russell, Director Sydney Observatory.	June 9, 1877.	
173	black cloth	B60		G140	Gen. A. J. Myer, Chief Signal Officer Washington	June 11, 1877.	
174		B61		G141			
175	green pam.	S108		G142	Turin Observatory. Prof. A. Dorna, Director	June 11, 1877	
					Also Turin Bulletin 1876; Periodicals	June 11, 1877.	
176	green cloth	B62		P34	B. Westermann & Co.		
177	yellow pam.	S109		P35	B. Westermann & Co.		
178	bluish pam.	S110		P.36	B. Westermann & Co.		
179	gray pam.	S.111		P37	B. Westermann & Co.		
180	loose sheets	F.7		G143	Gen. A. J. Myer, Chief Signal Officer Washington	June 11, 1877.	
181	large pam.	S112		G144	Amédée Guillemin Crsay, près Paris	June 11, 1877	
182	red pam.	S113		G145	Secretary of the Interior	June 13, 1877	

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1877			
June	18	Bullettino Meteorologico del Reale Osservatorio di Palermo. Anno XI. Vol. XI. 1875.	4to
June	25	Meteorological Observations made at the Adelaide Observatory, Jan. – Sept., 1876	Adelaide 1876-77
June	25	Monthly Weather Review, May, 1877. Bulletin of International Meteorological Observations, Oct. 22 – Nov. 19, 1876.	
June	25	Proceedings of the American Academy of Arts and Sciences Vol. XII.	8vo Boston 1877
June	29	Catalogue of the Special Loan Collection of Scientific Apparatus at the South Kensington Museum. 1876. Second Edition.	8vo London 1876
June	29	General-Register der Bände I. XI bis I. XXX der Astronomischen Nachrichten. Ausgearbeitet von C. F. W. Peters.	4to Leipzig 1875
July	2	Proceedings of the American Academy of Arts and Sciences. Vol. VI, pp. 365-567. Vol. XI.	8vo
July	2	Astronomische Mittheilungen von Dr. Rudolf Wolf. XLIII. April 1877.	8vo loose sheets
July	2	Mechanical Defects in Micrometers, by Prof. George Davidson	Extract from the Mining & Scient. Press
July	2	New Break-Circuit Chronometer.	— " —
July	2	Howard Grubb on Great Telescopes of the future.	Extract from some periodical 4to
July	2	Hoyghurst College Observatory. Results of Meteorological and Magnetical Observations 1875	8vo Preston
July	19	Hülfstafeln für barometrische Höhenmessungen berechnet und herausgegeben von Ludwig Neumeyer. Supplement zu Carl's Repertorium für Experimental-Physik, Bd. XIII.	8vo München 1877
July	21	Report of the Astronomer Royal to the Board of Visitors of the Royal Observatory, Greenwich, read – 1877 June 2.	4to "
July	21	Annalen des Physikalischen Central-Observatoriums herausgegeben von H. Wild. Jahrgang 1875	4to St. Petersburg 1876
July	21	Windrosen des südlichen Norwegens. Von C. de Seue.	4to Christiania 1876
July	21	Etudes sur les mouvements de l'atmosphère, par C. M. Guldberg et H. Mohn. 1re partie	4to Christiania 1876
July	21	Die Pflanzenwelt Norwegens. Von Dr. J. C. Schübeler. Speciellet Theil.	4to Christiania 1875
July	25	Détermination Télégraphique de la Différence de Longitude entre l'Observatoire de Zurich et les Stations astronomiques du Pfänder et du Gäbris par E. Plantamour et R. Wolf.	4to Genève Bale Lyon 1877

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183	brownish pam.	S114	510	G146	Palermo Observatory [also entered among Periodicals] Prof. G. Cacciatore, Director	June 18, 1877
184	loose sheets	F8	507	G147	Adelaide Observatory Charles Todd, Director	June 25, 1877.
185	loose sheets	F9	502 &	G148	Gen. A. J. Myer Chief Signal Office	June 25, 1877.
186	loose sheets	F10	502 &	G149	Gen. A. J. Myer Chief Signal Office	June 25, 1877.
187	gray pam.	S115		G150	American Academy	June 25, 1877.
188	stout gray pam.	S116		P38	B. Westermann & Co.	
189	gray paper	S117		P39	B. Westermann & Co.	
190	pamph	S118		G151	American Academy	July 2, 1877.
191	pamph	S119		G152	American Academy	July 2, 1877.
192	loose sheets	F.11		G153	Dr. R. Wolf, Zürich.	
193	Gray pam.	S120		G154	Prof. G. Davidson, San Francisco	July 2, 1877.
194	— " —	S121		G155		
195	— " —	S122		G156	H. Grubb, Dublin	July 2, 1877
196	brown pam.	S123		G157	Rev. S. J. Perry, Stonyhurst Colleg.	July 2, 1877
197	brown pam.	S124		P40	B. Westermann & Co.	
198	no covers	S125		G158	Greenwich Observatory	July 21, 1877.
199	stout wool. gray paper	S126		G159	Central Phys. Observatory, H. Wild, Director	July 21, 1877.
200	large reddish pam.	S127		G160	Royal Norwegian University, Christiania [Also Mounich Sterb. 1876 III; see Periodicals]	July 21, 1877.
201	large reddish pam.	S128		G161		
202	gray paper	S129		G162		
203	blue pam	S130		G163	Prof. E. Plantamour, Geneva	July 25, 1877

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1877				
July	28	Almanaque Náutico para 1878, calculado de órden de la superioridad en el Instituto y Observatorio de Marina de la Ciudad de San Fernando.	8vo Madrid 1877	20
Aug.	4	Encyclopaedia Britannica. Ninth Edition. Vol. VI.	4to Boston 1877	20
Aug.	11	Pocket-Book of Mechanics and Engineering By John W. Nystrom. Thirteenth Edition revised and greatly enlarged with original matter.	8vo Philadelphia and London 1875	20
Aug.	21	Report on the telegraphic determination of differences of longitude in the West Indies and Central America. By Lieut. Commander F. M. Green, U.S.N.	4to Washington 1877	20
Aug.	21	Mittlere Oerter von Fixsternen bezogen auf das mittlere Aequinoctium 1870.0 abgeleitet aus den Beobachtungen der Sternwarte Kremsmünster von P. G. Strasser.	8vo Kremsmünster 1877.	20
Aug.	21	Annales de l'Observatoire de Moscou. Volume II (1re Livraison).	4to Moscou 1875	20
Aug.	30	New Constructions in Graphical Statics. By Henry T. Eddy.	8vo New York 1877	21
		End of college year 1876–1877.		
Sept.	26	American Ephemeris and Nautical Almanac for 1880.	8vo Washington 1877.	1
Sept.	26	Annual Report of the New York Meteorological Observatory for 1876, by Daniel Draper, Director.	8vo New York 1877	2
Sept.	28	Resultate der in den 43 Jahren 1833–1875 angestellten Sternschnuppen-Beobachtungen von Dr. Eduard Heis. II. Veröffentlichung der königl. Sternwarte zu Münster.	4to Münster 1877	3
Sept.	29	Tychonis Brahei et ad eum doctorum virorum epistolae, nunc primum collectae et editae a F. R. Friis. Fasc. II. [See Dec. 11, 1876].	4to Havniae 1876	4
Sept.	29	Untersuchung des Vorüberganges der Venus vor der Sonnenscheibe im Jahre 1882. Von Bruno Peter.	4to Dresden 1877.	5
Oct.	5	Die Zeitbestimmung aus correspondirenden Höhen verschiedener Sterne. Von N. Zinger. Aus dem Russischen übersetzt von Heinr. Kelchner. Mit einem Vorwort von Otto Struve.	8vo Leipzig 1877	6
Nov.	3	Reports on the Meteorological, Magnetic, and other observatories of the Dominion of Canada, for the calendar year ended 31st December, 1876	8vo Ottawa 1877	7
Nov.	3	Nos. IV, V, and VI, of Laboratory Notes, from the University of Cincinnati, by Prof. F. W. Clarke.	From the Am. Journal of Science Oct. 1877	8

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204	blue paper	$131		G164	San Fernando Observatory, Don Cecilio Pujazon, Director.	July 28, 1877
205	½ mor.	B63		P41	C. W. Sever	
206	mor.	B64		P42	A. Williams & Co.	
207	blackcloth	B65		G165	Commodore R. H. Wyman, U. S. N., Hydrographer to the Bureau of Navigation, Washington	Aug. 21, 1877.
208	small blue pam.	$132		G166	Kremsmünster Observatory Rev. P. G. Strasser, Director	Aug. 21, 1877.
209	brown pam.	$133		G167	Moscow Observatory Prof. T. Bredichin, Director	Aug. 21, 1877.
210	no covers	$134		G168	Received by mail from (?) Prof. H. T. Eddy, Cincinnati, Ohio.	Aug. 30, 1877.
1	paper	$1		G1	Office of Am. Ephemeris; Prof. J. H. C. Coffin, Supt.	Sept. 26, 1877.
2	blue paper	$2		G2	New York Met. Observatory; Daniel Draper, Director, Central Park.	Sept. 26, 1877.
3	gray paper	$3		G3	Münster Observatory Prof. W. Valentiner, Director	Sept. 28, 1877.
4	brown pam	$4		P.1	B. Westermann & Co.	
5	large gray pam.	$5		P2	B. Westermann & Co.	
6	gray pam.	$6		P3	B. Westermann & Co.	
7	blue pam.	$7		G4	G. T. Kingston, Supt. Meteorological Office, Toronto	Nov. 3, 1877.
8	no covers	$8		G5	Prof. F. W. Clarke, Cincinnati.	Nov. 12, 1877.

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1877 Nov.	3	Genäherte Örter der Fixsterne von welchen in den Astronomischen Nachrichten Band 1 bis 66 selbständige Beobachtungen angeführt sind für die Epoche 1855 hergeleitet und nach den gradu Aufsteigungen geordnet von H.C.F.C. Schjellerup. Publication der Astronomischen Gesellschaft. VIII.	4to Leipzig 1867.
Nov.	3	L'Astronomie Pratique et les Observatoires en Europe et en Amérique, depuis le milieu du XVIIe siècle jusqu'à nos jours; par C. André et A. Angot. Troisième Partie. Etats-Unis d'Amérique. (For preceding parts see Sept. 25, 1874).	8vo Paris 1877
Nov.	3	Giovanni Santini, la sua vita e le sue opere. Discorso letto --- dal Prof. Giuseppe Lorenzoni.	8vo Padova 1877
Nov.	9	Appalachia, Vol. I, Nos. I, II, III. June, 1876. March and June 1877	8vo Boston
Nov.	9	The Chicago Astronomical Society and the Dearborn Observatory. May 1877	
Nov.	9	The Quarterly Journal of Science. Edited by William Crookes. No. LVI. October, 1877.	8vo London
Nov.	9	United States Coast Survey. Meteorological Researches for the use of the Coast Pilot. Part I.	4to Washington 1877.
Nov.	9	Smithsonian Contributions to Knowledge 310. On the Internal Structure of the Earth considered as affecting the phenomena of Precession and Nutation, as supplementary to article under the above head, Smithsonian Contributions to Knowledge, Vol. XIX, No. 240, being the third of the Problems of Rotary Motion. By J.G. Barnard, U.S. Army.	4to Washington September 1877
Nov.	9	Nouvelle methode spectroscopique; par M. Langley.	Extract from Paris Comptes Rendus 6 septembre 1875.
Nov.	10	Three charts illustrating geographical theory of George Edwin Emery, of Lynn, Mass., with regard to the regions named in map illustrating the voyages of the brothers Nicolo and Antonio Zeno, and in the Icelandic Sagas.	loose sheets
Nov.	10	War Department Weather Maps. No. I. Tracks of centres of areas of low barometer for August, 1877. No. III. Precipitation chart for August, 1877.	loose sheets
Nov.	10	La Théorie Hugodécimale, par le Cte Léopold Hugo. 3 copies.	8vo Paris, 1877
Nov.	10	Astronomische Mittheilungen von Dr. Rudolf Wolf. XLIV. Juli 1877	loose sheets
Nov.	10	Astronomische, Magnetische und Meteorologische Beobachtungen an der K.K. Sternwarte zu Prag im Jahre 1876.	4to Prag, 1877

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9	yellow pam.	S 9	P 4	B. Westermann & Co. Bought to replace a missing copy.	
10	small stout gray pam.	S 10	P 5	B. Westermann & Co.	
11	brown pam.	S 11	G 6	Probably from Prof. Lorenzoni, Padua.	
12, 13, 14	brown pams	S 12, 13, 14	G 7, 8, 9	Prof. Pickering	
15	no covers	S 15	G 10	Chicago Astr. Society. (?) Rec'd. annual months ago).	
16	brown pam	S 16	E 1	Exchanged for Observatory Annals.	
17	gray pam.	S 17	G 11	Coast Survey Office, Washington.	Nov. 10, 1877.
18	gray pam.	S 18	G 12	Smithsonian Institution	Nov. 10, 1877
19	blue pam	S 19	G 13	S. P. Langley (?)	Nov. 12, 1877.
20	3 small charts	F 1	G 14	G. E. Emery, Lynn	Nov. 12, 1877.
21	2 charts	F 2	G 15	Gen. A. J. Myer, Chief Signal Officer.	
22	gray pam.	S 20	G 16	L. Hugo (?). [Nonsense; no acknowledgment needed]	
23	no covers	F 3	G 17	Prof. Dr. R. Wolf, Zürich.	
24	stiff paper	B 1	G 18	Prague Observatory. Prof. Dr. Carl Horustein, Director	Nov. 10, 1877.

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Nov. 10 Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1875. Zehnter Jahrgang. II. Band. Heft 6. (Schluss). 2 copies. — 8vo Dorpat 1877

Nov. 10 Tyge Brahes Meteorologiske Dagbog holdt paa Uraniborg fra aarene 1582–1597. Udgivet som Appendix til Collectanea Meteorologica af det kgl. Danske Videnskabernes Selskab ved dets Meteorologiske Comité. — 8vo Kjøbenhavn 1876

Nov. 12 United States Coast Survey. Transit of Venus Expedition to Japan, 1874. — 4to Washington, 1877. Appendix No. 13 to Coast Survey Report 1875.

Nov. 12 Mittlere und scheinbare Oerter für das Jahr 1878 von 539 Sternen. (2 copies). — 8vo Berlin 1877

Nov. 12 Observing List of Stars, selected for the determination of time with the portable meridian transit in the Southern hemisphere. Prepared at the U. S. Hydrographic Office, Bureau of Navigation. (2 copies) — 8vo Washington 1877

Nov. 14 Daily Bulletin of the Signal Service, U. S. A. with the synopses, probabilities, and facts. June, July, August 1874. — 4to Washington 1877

Nov. 15 Tables de Logarithmes à 12 décimales jusqu'à 4634 milliards, avec preuves, par A. Namur. [This is a small pamphlet, with a few pages of tables which supply data for the computation of any logarithm to the limit named in the title.] — 8vo Bruxelles & Paris 1877

Nov. 19 Geschichte der Wissenschaften in Deutschland. Neuere Zeit. 16ter Band. Geschichte der Astronomie von Rudolf Wolf. — 8vo München 1877.

Nov. 21 Programme des travaux d'une expédition polaire internationale proposé par le Comte Wilczek et Charles Weyprecht. — 4to

Nov. 22 Theory of the horizontal Photoheliograph, including its application to the determination of the solar parallax by means of transits of Venus. By Professor William Harkness, U. S. Navy. — From the Proceedings of the American Academy

Nov. 22 Contributions from the Chemical Laboratory of Harvard College. By Josiah P. Cooke, Jr. From the Proceedings of the American Academy of Arts and Sciences, Vols. XII, XIII. — 8vo Cambridge 1877.

Nov. 22 On Refraction Tables. By A. K. Mansfield, Cordova, S. A. — Read before the Am. Philosophical Society Jan. 5, 1877

Nov. 23 Results of Astronomical Observations made at the Royal Observatory, Cape of Good Hope, during the year 1874. — Large 8vo Cape Town 1877

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25	green jam.	S 21		G 19	Dorpat Meteorological Observatory Prof. Dr. Karl Weihrauch, Director	Nov. 10, 1877.
26	stiff paper gray	B 2		G 20	Kongelige Danske Videnskabernes Selskab, Copenhagen.	Nov. 10, 1877.
					Astr. Anzeigt. 187[illegible], No. 2 Munich Acad. 1877. Hft. II. [See Periodicals.]	Nov. 10, 1877.
27	gray jam.	S 22		G. 21	Prof. G. Davidson San Francisco.	Nov. 12, 1877.
28	yellow jam	S 23		G 22	Berlin Jahrbuch Prof. Foerster, Supt.	Nov. 12, 1877.
29	no covers	S 24		G 23	Prof. E. S. Holden	Nov. 14, 1877.
30	black	B 3	502	G 24	Gen. A. J. Myer, Chief Signal Officer, Washington	Nov. 14, 1877.
31	Scotch	B 4		G 25		
32		B 5		G 26		
33	gray jam.	S 25		P 6	B. Westermann & Co.	
34	stout pol. brown paper	S 26		P 7	B. Westermann & Co.	
35	no covers	F. 4		G 27	Lieut. C. Weyprecht, Vienna.	Nov. 21, 1877.
36	no covers	S 27		G 28	Prof. W. Harkness	Nov. 22, 1877.
37	gray jam.	S 28		G 29	Prof. Cooke	
38	no covers	F 5		G 30		
39	stout blue jam.	S 29		G 31	Prof. Pickering.	

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1877			
Nov.	23	The Annual Cyclopaedia, 1876. New Series. Vol. I.	8vo New York 1877.
Nov.	23	Dr. A. L. Crelle's Rechentafeln. (Duplicate copy; see April 20, 1869.)	4to Berlin 1875
Nov.	24	Zehnjährige Mittelwerthe (1866 bis 1875) nebst neunjährigen Stundenmitteln (1867 bis 1875) für Dorpat, redigirt und bearbeitet von Dr. Karl Weihrauch.	8vo Dorpat 1877
Nov.	27	Results of Meteorological Observations made at the Private Observatory of John Tebbutt, The Peninsula, Windsor, New South Wales, in the years 1871, 1872, 1873, 1874, 1875, 1876.	Long 4to Sydney 1877.
Nov.	27	Détermination des différences de longitudes entre Paris et Marseille et entre Alger et Marseille; par MM. Loewy et Stephan.	Extract from Paris Comptes Rendues
Nov.	27	Détermination de la latitude d'un lieu par l'observation d'une hauteur de l'étoile polaire; par M. M. Loewy. Extrait des Annales du Bureau des Longitudes, t. 1.	4to Paris 1877
Nov.	27	Tables générales de réduction des observations méridiennes, par M. M. Loewy. Extrait des Annales du Bureau des Longitudes, t. 1.	4to Paris 1877
Nov.	27	Éphémérides pour 1878 des étoiles de culmination lunaire et de longitude, par M. M. Loewy. Extrait des Annales du Bureau des Longitudes, t. 1.	4to Paris 1877
Nov.	27	Détermination des ascensions droites des étoiles de culmination lunaire et de longitude, par M. M. Loewy. Extrait des Annales du Bureau des Longitudes, t. 1.	4to Paris 1877
Nov.	27	E. S. Holden on Reference Catalogues of Astronomical Papers and Memoirs.	Extract from Proceedings of Philosophical Society of Washington
Dec.	6	Die Wunder des Himmels, oder gemeinfassliche Darstellung des Weltsystemes. Von J. von Littrow. Fünfte Auflage. Nach den neuesten Fortschritten der Wissenschaft bearbeitet von Karl v. Littrow.	8vo Stuttgart 1866
Dec.	7	On the influence of geological changes on the Earth's axis of rotation. By George H. Darwin.	4to Extract from the Phil. Trans. vol 167
Dec.	7	Astronomical Observations and Researches made at Dunsink, the Observatory of Trinity College, Dublin. Second Part. Duplicate of the copy entered Nov. 17, 1873.	4to Dublin 1873
Dec.	7	Practical Geodesy, comprising chain surveying and the use of surveying instruments, levelling and tracing of contours, together with sanitary surveys of towns, trigonometrical, colonial, mining and maritime surveying; by J. Butler Williams.	8vo London 1855

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40	1 vol. ½ sheep	B6		P8	C. F. Alden	
41	1 vol. bds.	B7		P9	B. Westermann & Co.	
42	green pam.	S30	521	G32	Dorpat Meteorological Observatory Prof. Dr. Karl Weihrauch, Director	Nov. 24, 1877.
43	blue pam.	S31	507	G33	John Tebbutt, Windsor, New South Wales	Nov. 27, 1877.
44	blue pam	S32		G34		
45	bluish pam	S33		G35		
46	bluish pam.	S34		G36	M. M. Loewy, Bureau des Longitudes, Paris	Nov. 27, 1877.
47	bluish pam.	S35		G37		
48	bluish pam.	S36		G38		
49	no covers	Z6		G39		
50	red cloth	B8		P10	W. A. Rogers	
51	gray pam	S37		G40	G. H. Darwin Beckenham, England.	Nov. 28, 1877.
52	grayish yellow pam.	S38		G41	A. Agassiz	Dec. 4, 1877.
53	½ cloth	B9		G42	A. Agassiz	Dec. 4, 1877

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1877				
Dec.	1	Traité élémentaire d'astronomie physique par J.-B. Biot. Troisième édition, corrigée et augmentée. Tomes 1, 2, 3, 4, 5.	8vo	Paris 1841 to 1857
Dec.	7	Mécanique Céleste. By the Marquis de la Place. Translated with a commentary by Nathaniel Bowditch. Vols. 1, 2, 3, 4.	4to	Boston 1829 to 1839
Dec.	7	The Harvard University Catalogue. 1876-77.	8vo	Cambridge 1876
Dec.	11	Daily Bulletin of the Signal Service, U. S. A., with the Synopses, probabilities, and facts. September 1874.	4to	Washington 1877.
Dec.	11	Idées Nouvelles sur l'origine des formes cométaires par Théodore Schwedoff.	8vo	Odessa 1877
Dec.	21	Report by the Astronomer Royal, Sir G. B. Airy, on the telescopic Observations of the Transit of Venus, 1874, made in the Expedition of the British Government, and on the conclusion derived from those observations.		Ordered by the House of Commons to be printed 16 July 1877. no covers
Dec.	22	Boletin Meteorológico del Observatorio Central. Mes de Marzo de 1877.	8vo	México 1877
Dec.	22	Repertorium der ..... Mathematik [see Aug. 14, 1876] II Bd. 1. Heft. (Intermediate parts previously recd.)	8vo	Leipzig 1877
Dec.	26	Connaissance des Temps ou des Mouvements Célestes. 1879.	8vo	Paris 1877
Dec.	26	Proceedings of the American Academy of Arts and Sciences. Vol. XIII, Part I. May 1877 to November 1877.	8vo	Boston 1877
Dec.	26	Contributions to Meteorology. Eighth Paper. By Elias Loomis.		From the Am. Journal of Science and Arts, Vol XV, Jan. 1878.
Dec.	26	On the Proper Motion of the Trifid Nebula. By Edward S. Holden.		From the Am. Journal of Science & Arts, Vol. XIV, Dec. 1877.
Dec.	26	Harvard University. Library Bulletin No. 6. December 1, 1877.		no title
Dec.	26	Harvard College. Report of the Committee to visit the Library. 1876-1877.		no title
1878				
Jan.	7	Smithsonian Miscellaneous Collections. No. 311. Index Catalogue of Books and Memoirs relating to Nebulæ and Clusters, etc. by Edward S. Holden	8vo	Washington 1877
Jan.	17	Moniteur Scientifique du docteur Quesneville. 430e livraison Octobre 1877.	8vo	Paris
Jan.	17	United States Coast Survey. Methods and Results. Transatlantic Longitude	4to	Washington 1877
Jan.	17	Die Triangulation von Java. Erste Abtheilung. Vergleichung der Maassstäbe des Repsoldschen Basis-Mess-Apparates mit dem Normalmeter. Von Dr. J. A. C. Oudemans.	4to	Batavia 1875

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54 to 58	stout vols, green paper	S 39 to S 43	G 43 to G 47	A. Agassiz	Dec. 4, 1877.
59 to 62	large vols, reddish cloth	B 10 to B 13	G 48 to G 51	A. Agassiz	Dec. 4, 1877.
63	reddish cloth	B 14	P 11		
64	black cloth	B 15	G 52	Gen. A. J. Myer, Chief Signal Officer, Washington.	Dec. 11, 1877.
65	brown pam.	S 44	G 53	Prof. Theodore Schwedoff, Odessa, Russia	Dec. 11, 1877.
66	no covers	S 45	G 54	Greenwich Observatory Sir G. B. Airy, Astronomer Royal.	Dec. 21, 1877.
67	reddish pam.	S 46	G 55	Mexican Central Observatory; Mariano Bárcena, Director	Dec. 22, 1877.
68	yellow pam	S 47	P 12	B. Westermann & Co.	
69	blue paper	S 48	G 56	Bureau des Longitudes, Paris.	Dec. 26, 1877.
70	gray paper	S 49	G 57	American Academy.	
71	gray pam	S 50	G 58	Prof. E. Loomis.	
72	gray pam.	S 51	G 59	Prof. E. S. Holden	
73	no covers	S 52	G 60		
74	no covers	S 53	G 61		
75	gray pam	S 54	G 62	Smithsonian Institution.	Jan. 7, 1878 to Smithsonian Institution & to Prof. Holden
76	blue pam	S 55	G 63		
77	gray pam.	S 56	G 64	U. S. Coast Survey Office Washington Prof. J. E. Hilgard.	Jan. 17, 1878
78	large gray pam.	S 57	G 65	Bureau Scientifique Central Néerlandais à Harlem. E. H. von Baumhauer, Director	Jan. 17, 1878.

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1878				
Jan.	17	Société Nationale des Sciences Naturelles de Cherbourg. Compte-Rendu de la Séance Extraordinaire tenue par la Société le 30 Décembre 1876, à l'occasion du 25e anniversaire de sa fondation	8vo Cherbourg 1877.	79
Jan.	17	Greenough's Cambridge Directory for 1878.	8vo Boston 1878	80
Jan.	22	Verzeichniss der unter mittleren nördlichen Breiten sichtbaren Sterne 1. bis 5. Grösse (Aeq. 1880.0) zum Einzeichnen in die O'Gyallaer Karten netze von Carl Schrader	Veröffentlicht von der Sternwarte O'Gyalla (Ungarn) 1877 December	81
Jan.	22	Annual Reports of the President and Treasurer of Harvard College. 1876-77.	8vo Cambridge 1878.	82
Jan.	22	Observationes Astronomicae institutae in specula Universitatis Caesareae Dorpatensis edidit F. G. W. Struve. Volumen VIII. Seu novae seriei Volumen V. Observationes annorum 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838.	4to Dorpat 1839	83 to 91
		Beobachtungen der Kaiserlichen Universitäts-Sternwarte Dorpat, herausgegeben von J. H. Mädler. Bd. IX — XVI.	to 1866.	
Jan.	22	Annalen der k. k. Sternwarte in Wien. Dritter Folge 26ter Band.	8vo Wien 1877	9
Jan.	26	Annuaire pour l'an 1878, publié par le Bureau des Longitudes.	small 8vo Paris	9
Jan.	26	Transactions of the Connecticut Academy of Arts and Sciences. Vol. IV, Part 1.	8vo New Haven 1877	9
Jan.	26	The Quarterly Journal of Science. Edited by William Crookes. No. LVII. January 1878.	8vo London	9
Jan.	26	Catalogue of Scientific Papers (1864 — 1873) Compiled and Published by the Royal Society of London. Vol. VII.	4to London 1877	9
Feb.	6	Geschichte der Mathematik in Deutschland. Von C. I. Gerhardt. (17ter Band der Geschichte der Wissenschaften in Deutschland, herausgegeben durch die historische Commission bei der Königl. Academie der Wissenschaften	8vo München 1877.	97
Feb.	6	Tychonis Brahei et ad eum doctorum virorum epistolae nunc primum collectae et editae a F. R. Friis. Fasc. III. Cum effigie Tychonis Brahei.	4to Hauniae 1877.	98
Feb.	6	Résumé Météorologique de l'année 1876 pour Genève et le Grand Saint-Bernard, par E. Plantamour.	8vo Genève 1877.	9
Feb.	6	Dun Echt Observatory Publications. Vol. II. Mauritius Expedition 1874. Division I. Determination of the Solar Parallax by Observations of the minor planet Juno (3) at opposition; together with a description of the heliometer used in the observations. (3 copies, one for the Harvard, two for the Cambridge Observatory)	4to Dun Echt 1877.	10

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79	gray paper.	$58	G66	Soc. Nat. des Sc. Nat. de Cherbourg.		Jan. 17, 1878.
80	1 vol. bds.	B16	P13	Greenough & Co.		
81	lithograph	$59	G67	Capt Schrader Olyalla Observatory		Jan. 22, 1878
82	gray paper.	$60	G68	President Eliot		Jan. 22, 1878.
83 to 91	9 vols. paper. Vol. XV in two separate parts.	$61 to $69	G69 to G77	Dr. L. Schwarz of Russia, through Elkan & Co. and Harvard College Library, by which the volumes were given to the Observatory. Acknowledgment to the Dorpat Observatory; probably Dr. Schwarz is the Director. On search in the Vierteljahrsschrift, it appears that he is.		Jan. 22, 1878.
92	1 vol. paper	$70	G78	Vienna Observatory. Prof. Weiss.		Jan. 22, 1878.
93	stout red paper.	$71	G79	Bureau des Longitudes, Paris.		Jan. 26, 1878.
94	gray paper.	$72	G80	Connecticut Academy of Arts & Sciences		Jan. 26, 1878.
95	brown paper.	$73	E2	Exchanged for Observatory Annals.		
96	1 stout vol, red cloth	B17	P14	B. Westermann & Co.		
97	1 vol paper	$74	P15	B. Westermann & Co.		
98	1 paper brown	$75	P16	B. Westermann & Co.		
99	blue paper	$76	G81	Prof. E. Plantamour		Feb. 6, 1878.
100	1 vol. stiff paper.	$77	G82	Lord Lindsay, 47 Brook St., London.		Feb. 6, 1878.

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1878				
Feb.	6	Popular Astronomy, by Simon Newcomb.	8vo	New York 1878.
Feb.	8	Encyclopaedia Britannica. Ninth Edition. Vol. VII.	4to	Boston 1877
Feb.	12	Union University. Dudley Observatory. Annual Report of the Astronomer for 1877	8vo	Albany 1878
Feb.	12	On the difference of potential produced by the Contact of different substances. By R. B. Clifton		From the Proceedings of the Royal Society No. 182, 1877.
Feb.	12	The Hall improved automatic electric railway signal system, illustrated and explained. To be published in six pamphlets. No. 1.	4to	Hartford 1878
Feb.	16	Daily Bulletin of Weather Reports, Signal Service United States Army, for October, 1874	4to	Washington 1877
Feb.	23	The Nautical Almanac and Astronomical Ephemeris for the year 1880, for the meridian of the Royal Observatory at Greenwich. Same, for the year 1881.	8vo	London 1876 1877
Feb.	23	Zweiundsechzigster Jahresbericht der Naturforschenden Gesellschaft in Emden. 1876	8vo	Emden 1877
Feb.	23	Bulletin de la Société des Sciences Naturelles de Neuchatel. Tome XI. Premier cahier.	8vo	Neuchatel 1877
Feb.	23	Die Temperatur-Verhältnisse des Russischen Reiches ---- kritisch bearbeitet von H. Wild. Supplementband zum Repertorium für Meteorologie. Erste Hälfte.	4to	St. Petersburg 1877.
Feb.	23	Memoirs of the Royal Astronomical Society. Vol. XLIII, 1875-1877. With one Plate.	4to	London 1877
Feb.	23	Materyały do Klimatografii Galicyi zebrane przez Sekcyę Meteorologiczną Rok 1876.	8vo	Krakow 1877
Feb.	23	Observations Météorologiques Horaires exécutées, par une Société d'Etudiants à l'Observatoire de l'Université d'Upsal, du 30 mai 1865 au 9 août 1868, continuées jusqu'au 30 novembre suivant au moyen d'appareils enregistreurs, dirigées et publiées par K. Rubenson.	Folio	Upsal 1877
Feb.	27	American Ephemeris & Nautical Almanac for 1878. Defective copy. [Duplicate of that entered Aug. 16, 1875.]	8vo	Washington 1875
Feb.	27	Sammlung von Opositions-Ephemeriden, (nach der Zeit geordnet) und Verzeichniss genäherter geocentrischer Oerter der Planeten (1) bis (172) für das Jahr 1878.	Extract	from Berlin Jahrbuch
Feb.	27	L. Trouvelot on 1. Zodiacal light; 2. Coggia's Comet; 3. a solar protuberance; 4. Saturn's Rings.	Extracts	from Proceedings of the Am. Academy

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101	red green cloth	B18	P17	C. W. Sever	
102	½ mor.	B19	P18	C. W. Sever	
103	yellow pam.	S78	G83	Prof. L. Boss, Albany	Feb. 12, 1878.
104	brown pam.	S79	G84	Prof. R. B. Clifton, Oxford.	Feb. 12, 1878.
105	gray pam.	S80	G85	Thomas S. Hall, General Manager Hall Railway Signal Company, West Meriden, Ct.	Feb. 12, 1878.
106	black cloth.	B20	G86	Gen. A. J. Myer, Chief Signal Officer, Washington [Also Annuity &c., 1877, 2; see Periodicals]	Feb. 16, 1878. Feb. 16, 1878.
107	blue paper	S81	G87	Nautical Almanac Office, 3, Verulam Buildings, Gray's Inn, W.C., London. (J. R. Hind, Supt.)	Feb. 23, 1878.
108	blue paper	S82	G88		
109	no covers	S83	G89	Naturforschende Gesellschaft in Emden.	Feb. 23, 1878.
110	yellow pam.	S84	G90	Société des Sciences Naturelles de Neuchatel	Feb. 23, 1878.
111	paper	S85	G91	Central Physical Observatory, St. Petersburg. Prof. Dr. H. Wild, Director. Also Resp. für Met. V, 2. (see Periodicals) & Munich Sitzb. 1877, II. (— " —)	Feb. 23, 1878. Feb. 23, 1878.
112	stiff paper	B21	G92	Royal Astronomical Society, Burlington House, London.	Feb. 23, 1878.
113	green pam.	S86	G93	Krakow Observatory. Prof. Dr. F. Karlinski, Director.	Feb. 23, 1878.
114	gray paper	S87	G94	Upsal Observatory Prof. G. Svanberg, Director.	Feb. 23, 1878.
115	red paper	S88	G95	Office of American Ephemeris Prof. S. Newcomb, Supt.	Feb. 27, 1878.
116	gray pam.	S89	G96	Office of Berlin Jahrbuch Prof. W. Foerster, Supt.	Feb. 27, 1878.
117	red pam.	S90	G97	L. Trouvelot	Feb. 27, 1878.

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1878				
March	1	Instructions for observing the transit of Mercury, 1878, May 5–6. United States Naval Observatory.	4to Washington 1878	118
March	1	Reports of the Superintendent of the United States Coast Survey. 1871, 1872, 1873, 1874.	4to Washington 1874, 1875, 1875, 1877.	119 120 121 122
March	5	Recherches expérimentales sur le mouvement simultané d'un pendule et de ses supports par E. Plantamour.	4to Genève, Bale, Lyon 1878	12
March	11	Coggia's Comet – its physical condition and structure. Physical theory of Comets; by Professor W. A. Norton.	8vo From the Am. Journal of Science March 1878	12
March	15	Southern Stellar Objects for Small Telescopes, between the Equator and 55° South Declination, with observations made in the Punjab. By J. E. Gore	8vo Dodiana 1877.	12
March	15	A General Catalogue of Nebulae and Clusters of Stars arranged in order of right ascension and reduced to the common epoch 1860.0 (with precessions computed for the epoch 1880.0). By Sir John F. W. Herschel. [Duplicate of that entered 1864, Dec. 9, which has been missing for several years.]	From the Phil. Trans. Part I, 1864. 4to London 1864	12
March	20	A List of Stars for Observations of Latitude. [from the United States Coast Survey Report for 1873.] Appendix No. 14. Two copies.	Extract from Coast Survey Report 4to	12
March	27	Stargazing: past and present. By J. Norman Lockyer.	8vo London 1878	12
March	30	A few Extracts from letters from Sir John Herschel, 1843–1869.	MS.	12
March	30	Memoir of John Bromfield. By Josiah Quincy. With MS. notices of the Bromfield and Phillips families, by E. S. Quincy	8vo Cambridge 1850.	13
April	5	Second Annual Report of the State Survey, 1878. (Senate Document No. 24, State of New York, Feb. 13, 1878)	Senate Document	13
April	9	Astronomical Observations made at the Royal Observatory, Edinburgh. Vol. XIV, for 1870–1877.	Edinburgh 1877 folio (sigs. cocky 4 MS.)	13
April	9	Pubblicazioni del Reale Osservatorio di Brera in Milano. N. XIII. Sopra alcuni scandagli del cielo eseguiti all' Osservatorio Reale di Milano, e sulla distribuzione generale delle stelle nello spazio. Annotazioni del prof. Giovanni Celoria.	4to Milano 1878	13
April	9	Astronomische Mittheilungen von Dr. Rudolf Wolf. XLV. January 1878.	loose sheets	13
April	15	Wissenschaftliche Abhandlungen von Friedrich Zöllner. Erster Band	8vo Leipzig 1878	13
April	15	Stonyhurst College Observatory. Results of Meteorological and Magnetical Observations, 1877.	8vo Rochampton, 1878	13

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118	gray pam.	S91	G98	U. S. Naval Observatory	1878 March 1.
119	black cloth	B22	G99	U. S. Coast Survey, C. P. Patterson, Supt.	1878 March 1
120		B23	G100		
121		B24	G101		
122		B25	G102		
123	brown pam.	S92	G103	Prof. E. Plantamour, Geneva	1878 March 5.
124	no covers	S93	G104	Prof. W. A. Norton, New Haven	1878 March 11
125	dark cloth	B26	P19	B. Westermann & Co.	
126	gray pam	S94	P20	B. Westermann & Co.	
127	no covers	S95	G105	U. S. Coast Survey Office	1878 March 20.
128	green cloth	B27	P21	A. Searle	
129	MS	S96	G106	Miss E. S. Quincy	1878 March 30
130	gray pam.	S97	G107	Miss E. S. Quincy	1878 March 30
131	bluish pam.	S98	G108	James T. Gardner, Director of the State Survey of New York, Albany, N.Y.	1878 April 5
132	stout wol. red cloth	B28	G109	Royal Observatory, Edinburgh. Prof. C. Smyth, Director	1878 April 9
133	large red paper.	S99	G110	Milan Observatory. Prof. G. V. Schiaparelli, Director	1878 April 9
#34	no covers	F7	G111	Prof. R. Wolf, Zürich.	
135	brown cloth	B29	P22	B. Westermann & Co.	
136	reddish pam	S100	G112	Stonyhurst College Observatory. Rev. S. J. Perry, Director	1878 April 15

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1877

April	15	Results of Astronomical and Meteorological Observations made at the Radcliffe Observatory, Oxford, in the year 1875. Vol XXXV.	8vo Oxford 1877.	13
April	15	Verhandelingen der Koninklijke Akademie van Wetenschappen. Zeventiende Deel	4to Amsterdam 1877	1
April	15	Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde. Tweede Reeks. Elfde Deel.	8vo Amsterdam 1877.	13
April	15	Jaarboek van de Koninklijke Akademie van Wetenschappen gevestigd te Amsterdam, voor 1876	8vo Amsterdam	14
April	15	Processen-Verbaal van de gewone Vergaderingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde, van Mei 1876 tot en met April 1877.	8vo	14
April	16	Publications of the Cincinnati Observatory. 4. Micrometrical Measurements of 514 Double Stars, 1877	8vo Cincinnati 1878	14
April	16	Greenwich Observations, 1875.	4to London 1877	9
April	16	Results of Astronomical Observations made at the Royal Observatory, Cape of Good Hope, during the year 1874. (Duplicate recd. Nov. 23, 1877)	8vo Cape Town 1877	14
April	16	Report on the preparations for and observations of the Transit of Venus as seen at Roorkee and Lahore on December 8, 1874. By Colonel J. F. Tennant.	4to Calcutta 1877.	14
April	18	On the Janssen Solar Photograph and Optical Studies; by S. P. Langley.	From the Am. Journal of Science & Arts	14
April	18	On Croll's Hypothesis of the Origin of Solar and Sidereal Heat; by Professor Daniel Kirkwood.	From the Am. Journal of Science and Arts.	14
April	18	Osservatorio Meteorico-Magnetico. Pesaro. Charts showing results of Observations Jan. 1877 – Feb. 1878.	1 charts	1
April	18	Catalogus van de boeken op 1 Januari 1877 aanwezig in de bibliotheek der Sterrenwacht te Leiden. (Bijvoegsel bij de annalen der Sterrenwacht)	8vo 's Gravenhage 1877.	14
April	18	Mémoires présentés par divers savants à l'Académie des Sciences de l'Institut de France, et imprimés par son ordre. Deuxième Série. Tomes 23, 24, 25.	4to Paris 1877	15 15 15
April	18	Mémoires de l'Académie des Sciences de l'Institut de France. Tome XXXIX	4to Paris 1878	15
April	20	Essai sur la vie et les ouvrages de L.-A.-J. Quetelet, par Ed. Mailly.	12mo Bruxelles 1875	12

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137	dark cl.	B30	G113	Radcliffe Observatory, Oxford. Rev. R. Main, Director	1878 April 15
138	stiff paper	B31	G114	Amsterdam Academy	
139	stiff paper	B32	G115	Amsterdam Academy.	
140	stiff paper	B33	G116	Amsterdam Academy	1878 April 15
141	gray jam	S101	G117	Amsterdam Academy	
142	gray jam.	S102	G118	Cincinnati Observatory, Prof. O. Stone, Director	1878 April 16.
143	bds.	B34	G. 119	Greenwich Observatory	
144	blue cloth	B35	G120	Greenwich Observatory	1878 April 16
145	bds	B36	G121	Greenwich Observatory	
146	no covers 5 pp.	S103	G122	Prof. S. P. Langley.	1878 April 18
147	no covers 2 pp.	78	G123	Prof. D. Kirkwood, Bloomington, Ind.	1878 April 18
148	charts	F. 9	G124	Prof. Luigi Guidi, Director of the Pesaro Observatory	1878 April 18.
149	stiff paper	B37	G125	Leiden Observatory. Prof. H. G. van de Sande Bakhuyzen, Director	1878 April 18
150	blue paper	S104	E3	Académie des Sciences Paris	1878 April 18
151		S105	E4		
152		S106	E5		
153		S107	E6		
154	black cloth	B38	G126	Brussels Observatory Prof. J. C. Houzeau, Director	1878 April 20

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1878				
April	20	Les Perséides en 1874. Aurores Boréales du mois d'octobre 1874. Les Perséides en 1875. Quelques nombres caractéristiques relatifs à la température de Bruxelles. Observation de l'éclipse de soleil du 10 octobre 1874. Études sur la planète Mars (10me notice) Quelques remarques à propos de l'hiver de 1876-77. Périodicité des hivers doux et des étés chauds. Rapport présenté au nom du Dépôt de la guerre de Belgique à la Commission permanent de l'Association géodésique internationale.	Extracts from Bulletins of the Académie Royale de Belgique — Communications or Reports of Ernest Quetelet.	15
April	20	Mémoire sur la température de l'air à Bruxelles, 1833-1872 (supplément); par Ern. Quetelet.	4to Bruxelles 1876	15
April	20	Notices extraites de l'Annuaire de l'Observatoire Royal de Bruxelles pour 1875; pour 1876	12mo	15
April	20	Annuaire de l'Observatoire Royal de Bruxelles. 1877.	12mo Bruxelles 1876	15
April	20	Annales de l'Observatoire Royal de Bruxelles. Tomes XXIII, XXIV, XXV.	4to Bruxelles 1874, 1875, 1877	16 16 16
April	20	De l'application du thé-électromètre aux paratonnerres des télégraphes; par M. Malsens	Extract from Bulletins of Acad. Royale de Belgique	16
April	20	Transactions of the Royal Society of Edinburgh.	Edinburgh 4to	
		Vols. XVIII; XIX, Part I; XIX, Part II. (Makerstoun Observations)	1848 to 1850	164 &
		Vol. XX, Parts I, II, III, IV.	1853	167 to
		Vol. XXI, Parts I, II, III, IV. (Part III in sheets)	1857	171 to
		Vol. XXII, Parts I, II, III. (Part III in sheets and without plates).	1861	175 to
		Supplement to Vol. XXII. (Appendix to Makerstoun Observations).	1860	17
		Vol. XXIII, Parts I, II, III.	1864	179 to
		Vol. XXIV (in sheets).	1867	182
		Vol. XXV, Parts I, II. (Part II in sheets).	1869	183 &
		Vol. XXVI, Parts I, II, III, IV.	1872	185 to
		Vol. XXVII, Parts I, II, III, IV.	1876	189 to
April	22	Bristol Museum and Library; Report of Proceedings at the Seventh Annual Meeting, held 14th February 1878, with list of Subscribers.	8vo	19
April	22	Quantitative Spectralanalyse und ein neues Spectrophotometer. Abhandlung von G. Hüfner.	8vo Leipzig 1878	89
April	22	Lehrbuch der Experimental physik bearbeitet von Dr. Adolph Wüllner. Zweiter Band. Die Lehre vom Licht. Dritte Auflage.	8vo Leipzig 1875	19

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155	Loose sheets and small pamph.	F.10	G.127	E. Quetelet Brussels Observatory	1878 April 20
156	gray pam.	S.108	G128	Ernest Quetelet, Brussels Observatory	1878 April 20
157	small green pams.	S109	G129	Brussels Observatory. Prof. J. C. Houzeau, Director	1878 April 20
158		S110	G130		
159	green pam	S111	G131		
160	3 vols	B 39	G 132		
161	shift	B 40	G 133		
162	paper	B 41	G 134		
163	small brown pam.	S112	G135	Brussels Observatory.	1878 April 20
164 to 166	bds, cl. backs	B42 to 44	E7 to 9	Royal Society of Edinburgh	1878 April 20
167 to 170	paper	S113 to 116	E10 to 13		
171 to 174	"	S117 to 120	E14 to 17		
175 to 177	"	S121 to 123	E18 to 20		
178	"	S124	E21		
179 to 181	"	S125 to 127	E22 to 24		
182	"	S 128	E25		
183 to 184	"	S129, 130	E26, 27		
185 to 188	"	S131 to 134	E28 to 31		
189 to 192	"	S135 to 138	E32 to 35		
193	blue pam.	S139	G136	Rev. P. R. Sleeman, Hon. Sec. Library Committee	1878 April 22
194	blue pam.	S140	P23	B. Westermann & Co.	
195	yellow paper	S141	P24	B. Westermann & Co.	

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1878				
April	23	Instructions for taking meteorological observations; with tables for their correction and rules of meteorological phenomena. Drawn up by order of the Secretary of State for War, by Colonel Sir Henry James.	8vo London 1861	19
April	30	Recensionen von Friedrich Wilhelm Bessel. Herausgegeben von Rudolf Engelmann.	8vo Leipzig 1878	19
April	30	Der Sternhaufen χ Persei beobachtet am 8-zölligen Refractor der Leipziger Sternwarte in den Jahren 1867 bis 1870 von Dr. H. C. Vogel.	4to Leipzig 1878	19
April	30	Mondcharte in 25 Sectionen und 2 Erläuterungstafeln von Wilhelm Gotthelf Lohrmann. – Herausgegeben von Dr J. F. Julius Schmidt.	4to Leipzig 1878	19
May	2	Tables for the reduction of Solar Observations, No. 2. By Warren De La Rue.	4to London 1878	20
May	4	Bullettino Meteorologico del Reale Osservatorio di Palermo. Anno XII. Vol. XII. 1876.	4to Palermo 1878	20
May	9	A Supplement to Sir John Herschel's "General Catalogue of Nebulae and Clusters of Stars". By J. L. E. Dreyer.	4to Dublin 1878 (From the Transactions of the Royal Irish Academy Vol. XXVII.)	20
May	11	Comité International des Poids et Mesures. Procès Verbaux des Séances de 1877.	8vo Paris 1878	20
May	11	Détermination télégraphique de la différence de longitude entre Paris et l'Observatoire du Dépôt de la Guerre, à Alger (colonne Voirol); par MM. Loewy et Perrier.	4to Extrait des Comptes Rendus	20
May	11	Éphémérides pour 1878 des étoiles de culmination lunaire et de longitude, par M. M. Loewy.	4to Paris 1877. Extrait des Annales du Bureau des Longitudes	20
May	11	Annales du Bureau des Longitudes et de l'Observatoire Astronomique de Montsouris. Tome Premier.	4to Paris 1877	20
May	11	Atlas Coelestis Ecliptici Eduardi Heis. Octo Continens tabulas ad delineandum lunen Zodiacale.	fol. Colonia ad Rhenum 1878.	20
May	13	L'Astronomie Pratique et les Observatoires en Europe et en Amérique; depuis le milieu du XVIIe siècle jusqu'à nos jours; par C. André, G. Rayet et A. Angot. Cinquième Partie. Observatoires d'Italie, par G. Rayet.	8vo Paris 1878	20
May	14	On the Aerolitic Epoch of November 12th–13th. By Daniel Kirkwood.	Read before the Am. Philosophical Society	20
May	21	Remarques sur l'aspect de la planète Jupiter pendant son opposition en 1874, et sur le passage des satellites II et III et de leurs ombres pendant la soirée du 25 mars; par M. F. Terby.	Extrait des Bulletins de l'Académie Roy^le de Belgique 2me série, t. 38	21

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196	bluish do	B345		P25	F. E. Seagrave		
197	gray paper	S142		P26	B. Westermann & Co.		
198	gray paper	S143		P27	B. Westermann & Co.		
199	gray paper (6 charts on sheets)	S144		P28	B. Westermann & Co.		
200	boards	B346		G137	Warren De La Rue	1878, May 2.	
201	bluish paper	S145	510	G138	Palermo Observatory	1878, May 4.	
202	yellowish paper	S146		G139	J. L. E. Dreyer, Observatory of the Earl of Rosse	1878 May 9.	
203	bluish paper	S147		G140	Comité International des Poids et Mesures. Care of M. Gauthier-Villars, Quai des Augustins, 55	1878 May 11	
204	blue paper	S148		G141	M. M. Loewy, Bureau des Longitudes	1878 May 11.	
205	bluish paper	S149		G142	M. M. Loewy, Bureau des Longitudes	1878 May 11	
206	blue paper	S150		G143	M. M. Loewy, Bureau des Longitudes	1878 May 11	
207	bluish paper	S151		P29	B. Westermann & Co.		
208	bluish paper	S152		P30	B. Westermann & Co.		
209	no covers	F11		G144	Prof. D. Kirkwood, Bloomington, Indiana	1878 May 14	
210	blue paper	S153		G145	M. F. Terby, Louvain, Belgium	1878 May 21	

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1878			
May	21	Résultats d'observations de la planète Saturne faites de 1868 à 1874, à Tonnay (Calvados); par M. Charles Lehardelay. Communication faite par M. F. Terby.	Extrait des Bulletins de l'Académie royale de Belgique 2me série tom. 44.
May	21	De l'inopportunité actuelle d'une nouvelle carte de Mars et d'une nouvelle nomenclature des taches de cette planète, à propos d'un récent ouvrage de M. Flammarion. — Remarques préparatoires, aux observations de 1877, (9me notice).	Extrait des Bulletins de l'Académie royale de Belgique 2me série, tome 43
May	21	Etudes sur la planète Mars (10me notice). Explication des dessins exécutés en 1666 par J. D. Cassini, J. Campani, Salvator Terra, et Hook; par M. F. Terby.	Extrait des Bulletins de l'Académie, royale de Belgique 2me série, tome 43
May	21	Un dernier mot en réponse à M. Flammarion; par M. F. Terby.	Extrait des Bulletins de l'Académie royale de Belgique, 2me série, tome 43
May	21	Etudes sur la planète Mars (11me notice); par M. F. Terby. Observations faites à Lemaing, 1877.	Extrait des Bulletins de l'Académie Royale de Belgique 2me série, tome 45
May	23	Dangers from Color-blindness in railroad employés and pilots. By B. Joy Jeffries.	8vo Boston 1878
May	23	Incurability of Congenital Color-Blindness. By B. Joy Jeffries.	Extract from the Boston Med. & Surgical Journal
May	23	A Lecture on Color-Blindness and its Practical Relations delivered April 11, 1878, at the Institute of Technology, by Dr. B. Joy Jeffries.	From the Boston Daily Advertiser
May	23	Note on the theory of electric absorption. By H. A. Rowland.	From the Am. Journal of Mathematics
May	23	On the magnetic effect of electric convection; by H. A. Rowland.	From the Am. Journal of Science & Arts
May	23	A table of the Longitude and Attitude of the Nonagesimal Degree. By R. T. Paine	From the Memoirs of the Am. Academy (?)
May	23	Atlas Écliptique. Nos. 7, 29a, 31, 32, 43a, 60. Duplicates of those received March 22, 1877.	Charts
May	28	Observatorio de Marina de San Fernando. Pasv. de Mercurio por el disco del Sol.	Circular
June	3	Elemente und Ephemeride des Encke'schen Cometen für das Jahr 1878. Von E. von Asten.	From the Bulletin of the St. Petersburg Academy
June	11	Astronomical Observations made at the University Observatory, Oxford. No. 1	8vo Oxford 1878.
June	11	The total eclipse of the Sun on July 29 1878. A supplement to the American Ephemeris and Nautical Almanac.	4to Washington 1878.
June	12	Berliner Astronomisches Jahrbuch für 1880, mit Ephemeriden der Planeten (1)–(172) für 1878.	8vo Berlin 1878
June	14	Contributions to Meteorology; by Elias Loomis. Ninth Paper.	From the Am. Journal of Science and Arts, July, 1878.
June	15	Annalen des Physikalischen Central-Observatoriums Jahrgang 1876.	4to St. Petersburg 1877.
June	15	Astronomische Mittheilungen von Dr. Rudolf Wolf. XLVI.	March 1878
June	15	Astronomical Observations made at the Royal Observatory, Edinburgh. Vol. XIV, for 1870–1877. (Duplicate of that entered April 9, 1878)	4to Edinburgh 1877.

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211	no covers	F 12	G 146	M. F. Terby, Louvain, Belgium	1878 May 21
212	red pam.	S 154	G 147		
213	no covers	F 13	G 148	M. F. Terby, Louvain, Belgium	1878, May 21.
214	no covers	F 14	G 149		
215	brown pam.	S 155	G 150		
216	brown pam.	S 156	G 151		
217	no covers	F 15	G 152	Dr. B. Joy Jeffries, 15 Chestnut St., Boston	1878 May 23
218	no covers	F 16	G 153		
219	brown pam.	S 157	G 154		
220	grayish pam.	S 158	G 155	Prof. H. A. Rowland, Johns Hopkins Univ., Baltimore	1878 May 23
221	no covers	S 159	G 156	R. T. Paine, Brookline	1878 May 23.
222	charts	F 17	P 31	B. Westermann & Co.	
223	no covers	F 18	G 157	San Fernando Naval Observatory; Don Cecilio Pujazon, Director.	May 28, 1878.
224	no covers	F. 19	G 158	Nicolaieff Observatory	June 3, 1878.
225	gray pam.	S 160	G 159	Oxford University Observatory. Prof. C. Pritchard, Director.	June 11, 1878.
226	reddish pam.	S 161	G 160	Office of American Ephemeris. Prof. S. Newcomb, Supt.	June 11, 1878.
227	gray paper	S 162	G 161	Office of Berlin Jahrbuch Prof. W. Foerster, Supt.	June 12, 1878.
228	gray pam.	S 163	G 162	Prof. Elias Loomis, New Haven, Ct.	June 14, 1878
229	blue paper	S 164	G 163	Central Physical Observatory Prof. H. Wild, Director	June 15, 1878
230	no covers	F 20	G 164	Prof. R. Wolf, Zurich	June 15, 1878.
231	stout vol. red cloth	B 47	G 165	Royal Observatory, Edinburgh Prof. C. P. Smyth, Director	June 15, 1878.

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1878 June	15	Bericht über die Beobachtung des Venus-Durchgangs vom 8. December 1874 in Lukor, von A. Auwers.	4to Berlin 1878	2
June	21	Mémoires de l'Académie Impériale des Sciences de St.-Petersbourg, VIIe Série. Tome XXIII No. 3. Das Aequinoctium für 1865.0, abgeleitet aus den am Passageinstrumente und am Verticalkreise in den Jahren 1861–70 in Pulkowa angestellten Sonnenbeobachtungen von Magnus Nyrén.	4to St. Petersbourg 1876.	23
June	21	Jahresbericht am 11 Mai 1877 dem Comité der Nicolai-Hauptsternwarte abgestattet vom Director der Sternwarte. (Aus dem Russischen übersetzt).	8vo St. Petersburg 1877.	23
June	21	Observations de Poulkova, publiées par Otto Struve, Directeur de l'Observatoire Central Nicolas. Volume VIII. Observations faites au cercle méridien.	4to St. Petersburg 1877	2
June	21	Mémoires de la Société Nationale des Sciences Naturelles de Cherbourg. Tome XX.	8vo Paris & Cherbourg 1876–77.	2
June	21	Astronomiska Iakttagelser och Undersökningar anstälda på Stockholms Observatorium. Första Bandet. Häftet 3.	4to Stockholm 1877	2
June	21	Harvard College Library Bulletin No. 8 June 1, 1878.	no title	2
July	2	Photometrische Untersuchungen mit besonderer Rücksicht auf die physische Beschaffenheit der Himmelskörper, von Dr. J. C. F. Zöllner.	8vo Leipzig 1865	2
July	3	Uranometria Argentina. Mapas.	1877	2
July	5	Drainage Map of Colorado. Geological " " " Economic " " "	1877	2
July	9	Annales de l'Observatoire de Moscou. Volume III (2-me Livraison).	4to Moscou 1877	2
July	9	Bollettino dell' Osservatorio della Regia Università di Torino. Anno XII (1877).	4to Torino 1878	24
July	9	Indicazioni, formole e tavole numeriche per il calcolo delle Effemeridi Astronomiche di Torino. Memoria di Alessandro Dorna.	4to Torino 1878	24
July	9	Maniera di trovare le formole generali pel calcolo della paralasse nelle coordinate di un astro. Nota di Alessandro Dorna.	8vo Torino 1878	24
July	9	Marche Annuelle du thermomètre et du baromètre en Néerlande, déduite d'observations simultanées de 1843 à 1875.	4to Utrecht 1876	24
July	9	Nederlandsch Meteorologisch Jaarboek voor 1875. Zeven en twintigste Jaargang.	4to Utrecht 1876	24

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232	stiff paper brown	B 48		G166	Dr. A. Auwers, Berlin Also Mannich Sitzb. 1877 III (See Periodical Ref.)	June 15, 1878. June 15, 1878.
233	brown paper	S 165		G167	Pulkowa Observatory	June 21, 1878.
234	brown paper	S 166		G168	Pulkowa Observatory	
235	boards	B 49		G169	Pulkowa Observatory	
236	brown paper	S 167		G170	Société Nationale des Sciences Naturelles de Cherbourg	June 21, 1878.
237	blue paper	S 168		G171	Royal Swedish Academy of Sciences.	June 21, 1878.
238	no covers	S 169		G172	Harvard College Library	
239	gray paper	S 170		P32	B. Westermann & Co.	July 2, 1878.
240	large charts	F 21		G173	W. S. Eaton, 8 Pemberton Square, Boston	July 3, 1878.
241	charts	F 22		G174	Dr. F. V. Hayden, U. S. Geologist, Washington	July 5, 1878.
242	yellow paper	S 171		G175	Moscow Observatory; Prof. Dr. Th. Bredichin, Director.	July 9, 1878.
243	blue paper	S 172		G176	Turin University Observatory,	
244	brown paper	S 173		G177	Prof. Alessandro Dorna Director	July 9, 1878
245	brown paper	S 174		G178		
246	stiff paper	B 50		G179	Institut Royal Météorologique des Pays-Bas, Utrecht. Buys Ballot, Director.	July 9, 1878.
247	stiff paper	B 51		G180		

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1878 July	12	Transactions of the Connecticut Academy of Arts and Sciences. Vol. III, Part 2.	8vo New Haven 1878	24
July	13	Preliminary work on the determination of the law of the propagation of heat in the interior of solid bodies. By B. O. Peirce, Jr., and Edward B. Sepavon.	8vo from the Proceedings of the American Academy	24
July	13	The question concerning a lunar atmosphere — a specific observation suggested in the total eclipse of July 29.	Newspaper slip	25
July	13	Charte der Gebirge des Mondes, nach eigenen Beobachtungen in den Jahren 1840 – 1874 entworfen von Dr. J. F. Julius Schmidt. 25 Blätter.	Charts Berlin 1878	25
July	13	Erläuterungsband	4to Berlin 1878	25
July	13	Kurze Erläuterung zu J. Schmidt's Mondcharte.	4to Berlin 1878	25
July	15	Engelmann, Rudolph. Ueber die Helligkeitsverhältnisse der Jupitestrabanten. (Bought to replace missing copy.)	8vo Leipzig 1871.	25
July	15	Instructions for observing the total solar eclipse of July 29, 1878. Issued by the U. S. Naval Observatory	4to Washington 1878	25
July	16	Anales de la Oficina Meteorológica Argentina por su Director, Benjamin A. Gould. Tomo I. Clima de Buenos Aires.	4to Buenos Aires 1878	25
July	26	Annual Report of the New York Meteorological Observatory for 1877.	8vo New York 1878	25
July	26	Mittlere und scheinbare Oerter für das Jahr 1879 von 539 Sternen des Verzeichnisses I und II welches nach der Vierteljahrsschrift der Astronomischen Gesellschaft für die Beobachtung der Sterne der nördlichen Halbkugel bis zur neunten Grösse als Grundlage dienen soll. [2 copies].	8vo Berlin 1878	25
July	26	Remarks on the Dudley Observatory observations of the transit of Mercury, May 6, 1878. By Lewis Boss.	Paper read before the Albany Institute	25
July	31	Annual Report of the Chief Signal-Officer to the Secretary of War for the year 1877	Washington 1877 8vo	26
Aug.	2	Transit of Mercury of May 6, 1878; by S. P. Langley	from the Am. Journal of Science & Arts	26
Aug.	2	On the interferences for the value of mean solar parallax and other elements deducible from the telescopic observations of the transit of Venus, 1874, December 8, which were made by the British Expedition for the Observation of that transit. By Sir G. B. Airy	from the Monthly Notices for Nov. 1877	26
Aug.	2	Memoirs presented to the California Academy of Sciences. Vol. I, Part I. Catalogue of Pacific Coast Mosses, Lesquereux. Vol. I, Part II. The Natural System of Volcanic Rocks, Richthofen.	4to San Francisco 1868	26

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248	1 vol. paper	S 175	G 181	Connecticut Academy of Arts and Sciences.	July 12 1878
249	no covers	S 176	G 182	B. O. Peirce, Jr., & E. B. Lefavour Care of Prof. Trowbridge	July 13, 1878.
250	no covers	F 23	G 183	Prof. A. C. Twining, New Haven, Ct.	July 13, 1878.
251	stiff paper portfolio	F 24	G 184	Imperial German Legation	July 13, 1878.
252	boards	B 52	G 185		
253	blue jean	S 177	G 186		
254	no covers	S 178	P 33	B. Westermann & Co.	
255	gray jean.	S 179	G 187	U. S. Naval Observatory	July 15, 1878.
256	stout vol. gray paper	S 180	G 188	Argentine National Observatory Dr. B. A. Gould, Director.	July 16, 1878.
257	blue jean	S 181	G 189	New York Meteorological Observatory. Daniel Draper, Director, Central Park.	July 26, 1878.
258	brown jean.	S 182	G 190	Berlin Jahrbuch Office. Prof. W. Foerster, Supt., K. Observatory, Berlin	July 26, 1878.
259	no covers	S 183	G 191	Prof. L. Boss, Dudley Observatory, Albany	July 26, 1878.
260	stout vol. black cloth	B 53	G 192	Gen. A. J. Myer, Chief Signal-Officer	July 31, 1878.
261	3 pp.	F 25	G 193	Prof. S. P. Langley, Allegheny, Pa.	Aug. 2, 1878.
262	blue jean.	S 184	G 194	Sir G. B. Airy. (Received by Prof. Pickering some time ago.)	
263	brown jeans	S 185	G 195	California Academy of Sciences.	Aug. 2, 1878
264	brown jeans	S 186	G 196		

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1878				
Aug.	2	Proceedings of the California Academy of Sciences, Vols. I, III, IV, V, VI, VII (Part I). [Vols. III & IV each in 5 Parts, Vol. V in 3.] 1854-1857; 1863-1876.	8vo San Francisco 1863-1877	26 27
Aug.	2	Researches on the Motion of the Moon. Made at the United States Naval Observatory, Washington, by Simon Newcomb. Part I. Reduction and Discussion of Observations of the Moon before 1750.	4to Washington 1878	27
Aug.	2	A Continuation of De Damoiseau's Tables of the Satellites of Jupiter to the year 1900. By D. P. Todd.	4to Washington 1876	27
Aug.	5	Proceedings of the American Academy of Arts & Sciences, {Vol. V (new series) Vol. XIII (whole series) Parts II, III.	8vo Boston 1878	2 2
Aug.	5	Astronomische, Magnetische und Meteorologische Beobachtungen an der k. k. Sternwarte zu Prag im Jahre 1877. 38. Jahrgang	4to Prag 1878	27
Aug.	5	Memorias da Academia Real das Sciencias de Lisboa.		
		Classe de Sciencias, Moraes, Politicas e Bellas-Lettras. Nova Serie, Tomo IV, Parte I, II.	4to Lisboa 1872, 1877	2 2
		Classe de Sciencias Mathematicas, Physicas e Naturaes. Nova Serie, Tomo V, Parte I.	4to Lisboa 1875.	2
Aug.	5	Jornal de Sciencias Mathematicas Physicas e Naturaes, publicado sob os auspicios da Academia Real das Sciencias de Lisboa. Tomo I-V. 1866-1876. [Duplicates of I-III rec'd. July 2, 1873].	8vo Lisboa 1868-1876.	27 28
Aug.	5	Sessão Publica da Academia Real das Sciencias de Lisboa em 12 de Dezembro de 1875 —— em 15 de Maio de 1877.	8vo Lisboa 1875-1877	2 2
Aug.	5	Conferencias celebradas na Academia Real das Sciencias de Lisboa acerca dos descobrimentos e colonisações dos Portuguezes na Africa. I, II, III.	8vo Lisboa 1877.	2 2 2
Aug.	5	Curso de Meteorologia por Adriano Augusto de Pina Vidal.	8vo Lisboa 1869	2
Aug.	5	Tratado elementar de Optica por Adriano Augusto de Pina Vidal.	8vo Lisboa 1874	2
Aug.	5	Taboadas perpetuas astronomicas para uso da Navegação Portugueza, mandadas compilar pela Academia Real das Sciencias de Lisboa.	4to Lisboa 1815.	2
Aug.	6	Terrestrial Time. A Memoir, by Sandford Fleming.	no title-page	2
Aug.	17	Selenographische Ortsbestimmungen. II. Abtheilung. [4 pp. supplementary to Lohrmann's Mondcharte, entered April 30, 1878.]		2

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265 to 270	Pams.	$ 187 to $ 192	G197 to G202	California Academy of Sciences	Aug. 2, 1878.
271	1 vol stiff paper	$ 193	G203	American Ephemeris and Nautical Almanac Office Prof. S. Newcomb, Supt.	Aug. 2, 1878.
272	red pam.	$ 194	G204		
273	gray pams.	$ 195	G205	American Academy of Arts and Sciences; Prof. J. P. Cooke, Jr., Corresponding Secretary	Aug. 5, 1878.
274		$ 196	G206		
275	green pam	$ 197	G207	Rayne Observatory Prof. Dr. Carl Hornstein, Director	Aug. 5, 1878.
276	stout vols. paper	$ 198	G208		
277		$ 199	G209		
278	stout vol paper	$ 200	G210		
279 to 283	paper	$ 201 to $ 205	G211 to G215		
284	paper	$ 206	G216	Royal Academy of Sciences Lisbon	Aug. 5, 1878.
285		$ 207	G217		
286	paper	$ 208	G218		
287		$ 209	G219		
288		$ 210	G220		
289	paper	$ 211	G221		
290	paper	$ 212	G222		
291	paper	$ 213	G223		
292	no covers	$ 214	G224	G. P. Lathrop, Cambridge	Aug. 6, 1878.
293	no covers	$ 26	G225	B. Westermann & Co	Aug. 17, 1878.

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1878 Aug.	21	Encyclopaedia Britannica, Ninth Edition. Vol. VIII.	Boston 1878 4to
Sept.	2	Notice sur les microscopes, par M. le professeur Thury.	8vo Genève 1860
Sept.	2	Sur le jaugeage du Rhone fait à la Coulouvreniere près Genève, le 30 juin et le 2 juillet 1853 sous la direction de M. Thury, par MM. Perey et Saxler.	Extrait du Bulletin No. 45 de la Société vaudoise des Sciences naturelles
Sept.	2	Dissertation sur la nature du lien des faunes paléontologiques successives, avec l'indication d'une nouvelle hypothèse sur ce sujet, par M. Thury.	8vo Genève 1851
Sept.	2	Mémoire sur la loi de production des sexes chez les plantes, les animaux et l'homme, par M. Thury. [Notice of the work, with extracts, apparently separately reprinted from the Bibliothèque Universelle de Genève]	8vo
Sept.	2	Systematique des vis horlogères. Rapport fait à la Section d'Horlogerie de la Société des Arts de Genève par M. Thury.	8vo Genève 1878
Sept.	2	Prix-courant des Instruments de Physique et d'Astronomie, appareils de démonstration et de recherches, etc., etc., exécutés par la Société Genevoise pour la construction d'instruments de physique.	8vo Genève 1878
Sept.	2	Théorie et construction des outils pour la mesure des épaisseurs, à l'usage spécial de l'horlogerie, par M. Thury.	8vo Genève-Bale-Lyon 1878
Sept.	2	Notice sur un nouveau moyen de supprimer le frottement, par MM. Leschot et Thury.	Lithograph
Sept.	2	Un télescope gigantesque. [Extract from the Journal de Genève July 25, 1874].	newspaper cutting
Sept.	2	Description d'un photomètre astronomique et considérations sur la photométrie, par M. Thury.	Communiqué à la Société de Physique et d'Histoire naturelle de Genève
Sept.	4	Report of the Superintendent of the United States Coast Survey, showing the progress of the Survey during the year 1875,	4to Washington 1878
Sept.	4	Researches in Graphical Statics. By Henry T. Eddy. Reprinted from Van Nostrand's Engineering Magazine.	8vo New York 1878
Sept.	5	Wissenschaftliche Abhandlungen von Friedrich Zöllner. Zweiter Band. Erster Theil	8vo Leipzig 1878
Sept.	12	Priced and Illustrated Catalogue of Optical Instruments made, imported, and sold wholesale and retail, by James W. Queen & Co. Fortieth Edition. Part Second.	Philadelphia 1878
Sept.	12	Supplementary Catalogue of New and Second-hand Microscopes and Object-glasses. James W. Queen & Co.	Philadelphia 1878

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2/4	½ mor.	B54		P34	C. W. Sever.	
1	blue jam.	J1		G1		
2	yellow jam.	J2		G2		
3	no covers	F1		G3		
4	brown jam	J3		G4		
5	bluish jam.	J4		G5	Prof. Thury, Geneva.	Sept. 2, 1878.
6	bluish jam	J5		G6		
7	bluish jam	J6		G7		
8	brown jam	J7		G8		
9	newspaper cutting	F2		G9	Atlas, Conscript. 1876, No. 3; 1877 No. 3. See Periodicals	Sept. 2, 1878.
10	green jam	J8		G10		
11	black cloth	B1		G11	U. S. Coast Survey Office, Washington	Sept. 4, 1878.
12	no covers	J9		G12	Prof. Henry T. Eddy, Cincinnati	Sept. 4, 1878.
13	½ mor	B2		P1	B. Westermann & Co.	
14	brown jam.	J10		G13	James W. Queen & Co, 924 Chestnut St, Phila.	Sept. 12, 1878.
15	no covers	J11		G14		

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1878

Sept. 12 — On the origin of Comets. By H. A. Newton. — From the Am. Journal of Science and Arts for Sept. 1878.

Sept. 12 — Observations of the Tail of Coggia's Comet. By Cleveland Abbe. — Two slips of the Astr. Nachr. No. 2015, containing the article.

Sept. 16 — The Solar Eclipse of July 29, 1878. Chicago Astronomical Society. — 8vo Chicago 1878

Sept. 18 — Astronomische Mittheilungen von Dr. Rudolf Wolf. XLVII. Juli 1878. — 8vo no title-page

Sept. 18 — G. A. Ferrari. Meteorologia Romana. — 8vo Roma 1878

Sept. 18 — Daily Bulletin of Weather-Reports, Signal-Service United States Army. Nov. 1874. Dec. 1874. Jan. 1875. — 4to Washington 1877 1878

Sept. 23 — Observations and Orbits of the Satellites of Mars. With data for Ephemerides in 1879. By Asaph Hall. — 4to Washington 1878

Sept. 23 — On some Selenocyanates; on the electrolytic estimation of mercury; some specific gravity determinations. Being Parts VII, VIII, and IX of Laboratory Notes from the University of Cincinnati; by F. W. Clarke. — From the American Journal of Science & Arts Sept. 1878.

Sept. 24 — On the Periods of the Changes of Light in the Star Algol. In a Letter from John Goodricke, Esq., to the Rev. Anthony Shepherd. — Extract from the Phil. Trans. Read April 1, 1784.

Sept. 24 — Table of Logarithms of the Natural Numbers, from 1 to 108,000. By Charles Babbage. — 8vo London 1872

Sept. 24 — An Introduction to Practical Astronomy By the Rev. W. Pearson. Vol. I. Tables, recently computed, for facilitating the reduction of celestial observations. Vol. II. Descriptions of the various instruments ... with an account of the methods of adjusting and using them. — 4to London 1824 and 1829

Sept. 24 — Allgemeine Beschreibung und Nachweisung der Gestirne, nebst Verzeichniss der geraden Aufsteigung und Abweichung von 17,240 Sternen, Doppelsternen, Nebelflecken und Sternhaufen. Von J. E. Bode. — Folio Berlin 1801

Sept. 24 — De l'origine et de l'établissement des mouvements astronomiques; par M. L. Lagrange. — 4to Bruxelles 1878 Extract from the Memoirs of the Brussels Academy

Sept. 24 — The Solar Eclipse of July 29, 1878. Chicago Astronomical Society. [Duplicate of that entered Sept. 16.] — 8vo Chicago 1878

Sept. 24 — Annual Announcement of the Stevens Institute of Technology. 1878 — 8vo

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16	no covers	S12	G15	Prof. W. A. Newton,	New Haven, Ct.	Sept. 12, 1878.
17	no covers	S13	G16	Prof. C. Abbe,	Offic. U. S. Signal Service, Washington	Sept. 12, 1878.
18	bluish pam.	S14	G17	Chicago Astronomical Society		Sept. 16, 1878.
19	no covers	73	G18	Prof. Dr. R. Wolf,	Zürich.	
20	1 vol. gray paper	S15	G19	Rev. G. St. Ferrari, Director of the Observatory of the Roman College		Sept. 18, 1878.
21	2 vols.	B3	G20	Gen. A. J. Myer, Chief Signal Office, Washington.		Sept. 18, 1878.
22	black cloth	B4	G21			
23	1 vol. gray paper	B16	G22			
24	gray pam.	S17	G23	Prof. A. Hall,	Washington.	Sept. 23, 1878.
25	no covers	74	G24	Prof. F. W. Clarke,	Cincinnati	Sept. 23, 1878.
26	brown pam.	S18	P2	B. Westermann & Co.		"
27	brown cloth	B5	P3			
28	½ shp	B6	P4			
29		B7	P5			
30	½ mor.	B8	P6			
31	bluish pam.	S19	G25	C. Lagrange (Care Brussels Academy?)		Sept. 24, 1878
32	bluish pam.	S20	G26	Chicago Astronomical Society		Sept. 24, 1878.
33	gray pam.	S21	G27	Prof. Henry Morton President of the Stevens Institute.		Sept. 24, 1878.

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1878				
Sept.	28	The American Ephemeris and Nautical Almanac for the year 1881.	8vo Washington 1878	34
Oct.	4	American Ephemeris, 1881, (duplicate of that recd. Sept. 28).	—" —	3
Oct.	4	Questions and suggestion concerning Industrial Drawing as a branch of education. By Professor J. Edward Warren.	From the Proceedings of the University Convocation, Albany, 1876.	3
Oct.	8	Report on the Meteorological Service of the Dominion of Canada, by the Superintendent to which are appended the reports of the Directors of the Magnetic and other Observatories for the calendar year ended 31st December, 1877.	8vo Ottawa 1878	3 /
Oct.	8	A method of recording articulate vibrations by means of photography; by E. W. Blake, Jr.	From the Am. Journal of Sci. & Arts, Vol. XVI July, 1878.	3
Oct.	15	Jornal de Sciencias Mathematicas, Physicas e Naturaes. N. XXI, N. XXII. (Part of Vol. VI).	8vo Lisbon	3 4
Oct.	25	A General and Analytical Index to the American Cyclopaedia. By the Rev. T. J. Conant, D. D., assisted by his daughter, Blanding Conant.	8vo New York & London 1878.	4
Oct.	25	Library of Harvard University. Bibliographical Contributions, No. 1. Index-Catalogue of Books and Memoirs on the Transits of Mercury. By Edward S. Holden.	Republished from Library Bulletin 8vo Cambridge 1878.	4
Oct.	26	Osservazioni astronomiche e fisiche sull' asse di rotazione e sulla topografia del Pianeta Marte fatte nella Reale Specola di Brera in Milano coll' Equatoriale di Merz durante l'opposizione del 1877. Memoria del socio G. V. Schiaparelli.	R. Accademia dei Lincei. 4to Roma 1878	4
Oct.	26	Smithsonian Miscellaneous Collections, 309. List of foreign correspondents of the Smithsonian Institution. Corrected to January, 1878. Fifth Edition.	8vo Washington. 1878	4
Oct.	30	Ueber die Bahn des Kometen II vom Jahre 1873. Von Gottlieb Bečka.	from the Sitzb. d. k. Akad. d. Wissensch. II Abth. Mai-Heft, Jahr. 1878	4
Oct.	30	Sur une nouvelle forme de thermomètre à air (expériences). Par M. J.-M. Crafts.	Extrait des Annales de Chimie et de Physique	4
Oct.	30	Surveys by the War Department. Letter from the Secretary of War	45th Congress 2d session Ex. Doc. No. 88	4 /
Oct.	31	1877. Victoria. Twelfth Report of the Board of Visitors to the Observatory, together with the Annual Report of the Government Astronomer.	4to Melbourne	4

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34	boards	B 9		G 28	Offic of Am. Ephemeris, Prof. S. Newcomb, Supt.	Sept. 28, 1878.
35	— " —	B 10		G 29	" " " " " "	Oct. 4, 1878.
36	Bluish pam.	P 22		G 30	Prof. J. E. Warren, Newton, Mass.	Oct. 4, 1878.
37	Blue pam	P 23		G 31	G. T. Kingston, Superintendent of Meteorological Service, Toronto, Ont., Canada	Oct. 8, 1878.
38	no covers	P 24		G 32	Prof. E. W. Blake, Jr. Brown University, Providence, R. I.	Oct. 8, 1878.
39	pams.	P 25		G 33	Royal Academy of Sciences Lisbon, Portugal.	Oct. 15, 1878.
40	pams.	P 26		G 34		
41	1 vol. ½ sheep	B 11		P 7	C. F. Alden	
42	no covers	P 27		G 35	Harvard College Library.	Oct. 25, 1878.
43	reddish pam.	P 28		G 36	Prof. G. V. Schiaparelli, Milan	Oct. 26, 1878.
44	gray pam	P 29		G 37	Prof. S. F. Baird, Secretary of the Smithsonian Institution	Oct. 26, 1878.
45	no covers	P 30		G 38	Gottlieb Bečka, Prague Observatory	Oct. 30, 1878.
46	Bluish pam.	P 31		G 39	Prof. J. M. Crafts	
47	no covers	P 32		G 40	Lieut. Geo. M. Wheeler Washington	Oct. 30, 1878.
48	no covers	P 33		G 41	Mallborgne Observatory R. L. J. Ellery, Director.	Nov. 8, 1878.

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1878 Nov.	8	Results of Observations in Meteorology, Terrestrial Magnetism, etc., etc., taken at the Melbourne Observatory during the year 1875; together with abstracts from meteorological observations obtained at various localities in Victoria. Vol. IV.	8vo Melbourne	49
Nov.	8	Anales de la Oficina Meteorológica Argentina por su Director Benjamin A. Gould. Tomo I. Clima de Buenos Aires. [Duplicate of that entered July 16].	4to Buenos Aires 1878	5
Nov.	8	Almanaque Náutico para 1879, calculado de órden de la Superioridad en el Instituto y Observatorio de Marina de la Ciudad de San Fernando	8vo Madrid 1878	5
Nov.	8	Anales del Instituto y Observatorio de Marina de San Fernando. Publicados de órden de la Superioridad, por el Director Don Cecilio Pujazon, Capitan de Navío. Seccion 2ª Observaciones Meteorológicas. Año 1875.	4to San Fernando 1877.	5
Nov.	8	Die Fortschritte der Physik im Jahre 1873. Dargestellt von der Physikalischen Gesellschaft zu Berlin. XXIX Jahrgang. Redigirt von Prof. Dr. B. Schwalbe. Erste Abtheilung, enthaltend: Allgemeine Physik, Akustik, Optik. Zweite Abtheilung, enthaltend: Wärmelehre, Elektricitätslehre, Physik der Erde.	8vo Berlin 1877 1878	5 5
Nov.	8	Astronomical Observations taken to the end of 1877, at the Private Observatory of Joseph Gurney Barclay, Esq., F.R.A.S., Leyton, Essex. Vol. IV.	4to London 1878.	5
Nov.	8	Wissenschaftliche Abhandlungen von Friedrich Zöllner. Zweiter Band. Zweiter Theil	8vo Leipzig 1878	5
Nov.	8	Hesperi et Phosphori Nova Phaenomena sive Observationes circa Planetam Veneris. ... Nunc primum editae .... a Francisco Blanchino Veronensi.	folio Romae 1728	5
Nov.	8	Joannis Bayeri Rhainani I. C. Uranometria omnium asterismorum continens schemata nova methodo delineata, aereis laminis expressa.	Augustae Vindelicorum 1603.	5
Nov.	8	Fundamenta Astronomiae pro anno MDCCLV deducta ex observationibus viri incomparabilis James Bradley in specula Astronomica Greenovicensi per annos 1750 – 1762 institutis, auctore Friderico Wilhelmo Bessel.	4to Regiomonti 1818.	5
Nov.	8	Messungen von neunzig Doppelsternen am sechsfüssigen Refractor der Leipziger Sternwarte ausgeführt von Dr. Rudolf Engelmann.	8vo Leipzig 1865	6

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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49	1 vol stiff paper	S 34	G 42	Melbourne Observatory R. L. J. Ellery, Government Astronomer		Nov. 8, 1878.
50	stout vol. paper	S 35	G 43	W. S. Eaton, 8 Pemberton Square, Boston		Nov. 8, 1878.
51	blue paper	S 36	G 44	San Fernando Observatory Don Cecilio Pujazon, Director		Nov. 8, 1878
52	blue paper	S 37	G 45			
53	gray paper	S 38	G 1	Physikalische Gesellschaft zu Berlin		Nov. 8, 1878
54		S 39	G 2			
					Has Munich Sitzb. 1878 I, II. See Periodicals.	
55	stiff paper	B 12		J. G. Barclay, (to be acknowledged to Mr. J. B. Talmage, The Observatory, Leyton, Essex).		Nov. 8, 1878.
56	brown cloth	B 13	P 8	B. Westermann & Co.		
57	boards	B 14	P 9			
58	stiff paper	B 15	P 10			
59	1 vol. paper	S 40	P 11			
60	1 vol. paper	S 40	P 12			

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

1878 Nov.	8	De planetis minoribus inter Martem et Jovem circa Solem versantibus. Dissertatio Inauguralis quam .... publice defendit auctor Carolus Christianus Bruhns.	8vo Berlin
Nov.	8	Vorstellung der Gestirne auf vier und dreyssig Kupfertafeln nebst einer Anweisung zum Gebrauch und einem Verzeichniss von 5377 Sternen, Nebelflecken und Sternhaufen, von J. E. Bode.	4to Berlin 1805 German & French. 34 separate charts
Nov.	12	On the Spectra of Metalloids. Spectrum of Oxygen. By Arthur Schuster. [2 copies].	From the Proceedings of the Royal Society No. 187, 1878.
Nov.	12	Report on the total solar eclipse of April 6, 1875. By J. N. Lockyer and Arthur Schuster.	From the Phil. Trans. of the Royal Society Part I. 1878.
Nov.	12	Untersuchung über Brorsen's Comet im Jahre 1842 von Dr. Phil. Paul Kaeser.	4to Leipzig 1878.

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

61	no covers	S 41	P. 13	B. Westermann & Co.
62	wool. fds. 34 charts	~~B 16~~	P 14	
63	no covers	S 42	G 47	
64	no covers	S 43	G 48	
65	gray pam.	S 44	P 15	B. Westermann & Co.

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List of Duplicates.

July 7 1870. Munich Observatory Annals Vol. 17 Suppl. Bd. IX
Aug. 30 " " " " Vol. 17 " " IX
Sept. 1 " Chauvenet on Lunar Distances.
Sept. 1 " Chauvenet's Spherical Astronomy 2 vols.
Nov. 25 " Bonn Observations. Vol. 7 2d part.
May 9 1871 Dorpat Meteorology 1869.
Aug. 12 1871 Greenwich Observations 1868.
Nov. 29 1871 Anuario del Obs. de Madrid Año 9 & 10.
" " ? Resúmen de las Observaciones Meteor. 1866-7 & 1867-8.
" " " Observaciones Meteor. efect. en el Obs. de Madrid 1867-8.
Jan. 2 1872 Annales de l'Observatoire Physique Central de Russie. Année 1867
Feb. 1 " Greenwich Observations 1869.
" " " Tables of Iris, by F. Brünnow
" " " Weiss on the Observations of the Eclipse of 1868.
" " " Oppolzer on the position of the Aden Lighthouse.
May 27 " War Office Weather Maps etc. (directed to Astronomical Journal)
June 18 " Dorpat Meteorology Vols. IV & V.
Nov. 8 " " Vol. VI. II Bd. Heft I.
" " " Upsal — " Vol. I Nos. 6-12 Vol. II Nos. 10-12 Vol. III Nos. 1-12.
Feb. 6 1873 Greenwich Observations 1870.
Feb. 8 " Cape of Good Hope " 1856.
March 1 " Munich Catalogue of 4093 stars -9° to -15° Declination.
Aug. 28 " Greenwich Annual Report 1873.
Nov. 17 " Munich Observations Vol. XIX.
Feb. 28 1874 Florence (Arcetri) Observatory. Memorie Tomo I Num. I
April 16 " Greenwich Observations 1871.
Aug. 15 " Greenwich Annual Report 1874.
Nov. 28 " Munich Observations Vol. XIX (2d deduplicate)
Jan. 12 1875 Milan Observatory Publication VII, part 3.
May 1, " Greenwich Observations, 1872.
July 1, " Dorpat Meteorology, 1872 & 1873.
" 1, " Astronomische Mittheilungen XXXVII.
" 10, " Berlin Jahrbuch for 1877.
Oct. 2, " Dorpat Meteorology, 1874.
Jan. 7, 1876. Döllinger's Oration 25 July 1873.
Jan. 7, 1876. Beetz on Development of Electrical Science.
March 10, 1876. F. G. Gauss's Five-Place Logarithms.
March 17, 1876. 3 copies Tabulae Reductionum in usum Speculae Pulcovensis Congestae.
March 25, 1876. Greenwich Observations, 1873.
June 8, 1876. Engelmann's Chart of the Pleiades.
June 29, 1876. 2 copies Coast Survey Field Catalogue of 983 stars.
August 1, 1876. Anuario del Observatorio de Madrid, Año 11 & 12.
Resúmen de las Observaciones Meteor. 1868-69 & 1869-70.
Observaciones Met. efect. en el Observatorio de Madrid, 1868-69 & 1869-70.
Aug. 30, 1876. Nautical Almanac, 1854 to 1875 inclusive.
Sept. 11, 1876. Observaciones del Transito de Venus (Mexican Commission)
Sept. 15, 1876. Daily Bulletin U. S. Signal Service, Feb.-July, 1873. 6 vols.
Oct. 30, 1876. Astronomische Mittheilungen, XXXIX. [XXXVIII sometime before].
Nov. 6, 1876. ~~Airy~~ Secchi, A., Misura della Base ... sulla Via Appia ... 1854-55.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj.270.

Nov. 6, 1876. Secchi, A. Sulla grande nebulosa di Orione. Firenze, 1868.
Dec. 27, " . Pesaro Met. & Mag. Obs. Bullettino Mensile. July & Aug., 1875.
Madrid Anuario, 1873, 1876.
" Observaciones Meteorológicas, 1870-71- 1871-72 1872-73
" Resúmen de las Obs. Meteor. en la Peninsula 1870-71 1871-72 1872-73
April 24, 1877. Dun Echt Observatory Publications, Vol. I.
April 30, 1877. Alexander on certain Harmonics of the Solar System.
June 6, 1877. Toronto Abstracts of Magnetical Observations, 1856-1862 & parts of 1853, 1854, 1855.
" " Meteorological " 1854-1859
Results " Meteorological " 1860-1862.
Nov. 10, 1877. Dorpat Meteorology, 1875.
La Théorie Hugodécimale, 2 copies.
Nov. 12, 1877. Berlin Ephemeris of 539 Stars for 1878.
Nov. 14, 1877. List of time stars for the southern hemisphere.
Nov. 23, 1877. Crelle's Rechnentafeln.
Dec. 7, 1877. Dunsink Observations, Part II.
Feb. 6, 1878. Dun Echt Observatory Publications, Vol. II.
Feb. 27, 1878. American Ephemeris for 1878.
March 16, 1878. Sir John Herschel's General Catalogue of Nebulae (other copy missing).
March 20, 1878. Coast Survey List of Stars for Observations of Latitude.
April 16, 1878. Cape Observations 1874,
April 20, 1878. Makerstoun Observations.
May 23, 1878. Atlas Eclipticus, Nos. 7, 29a, 31, 32, 43a, 60.
June 15, 1878. Edinburgh Observations, Vol. XII, 1870-1877.
July 15, 1878. Engelmann, R. Ueber die Helligkeitverhältnisse der Jupiterstrabanten.
July 26, 1878. Mittlere und scheinbare Oerter von 539 Sternen, 1879.
Aug. 5, 1878. Jornal de Sciencias Mathematicas, Physicas, e Naturaes (Lisbon) Tom. I – III.
Sept. 24, 1878. The Solar Eclipse of July 29, 1878. Chicago Astronomical Society.
Oct. 4, 1878. American Ephemeris for 1881.
Nov. 8, 1878. Anales de la Oficina Meteorológica Argentina. Tomo I.
Nov. 8, 1878. Bessel, Fundamenta Astronomiae.
Nov. 12, 1878. Schuster, on the Spectrum of Oxygen.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Bulletino Meteorologico dell' Osservatorio del R. Collegio Carlo Alberto in Moncalieri
Rev. P. Denza, Director.

May 27 1872. Rec'd. Vol. VII No. 4
Aug. 30 1872 " Vol VI No. 5, 6.
Jan. 8 1873 " Vol. VII No. 10.
~~Nov. 6, 1876 " 11.~~

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

U. S. War Office Weather Maps & Bulletins.

Recd. May 27 1872 maps & bulletins for May 23 1872. Receipt acknowledged.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

Observatoire météorologique central de Montsouris. Bulletin.

Recd. July 7 1870 Nos. for July 1869 to March 28 1870, with reduction of work for 1869. Receipt acknowledged

Recd. Oct. 14, 1870 Nos. for April 28 to July 31, 1870, with reductions for Dec. 1869 to April 1870.

Recd. Oct. 28 1871 Nos. for Aug. 1870, with some reductions for June.
" April 13 1872. Nos. between June 1870 & Jan. 1872.
" June 18 " June. Dec. 1871 Jan. March 1872. Supplements from 1870
" Nov. 8. " Jan. – April 1872. Supplements from 1871.

510 | Bulletino Meteorologico del R. Osservatorio di Palermo.

Nov. 25 1870. Recd. No. 7 & 8 of Vol. V. (July, Aug., 1869)

Nov. 29 1871. Recd. { Vol. V, Nos. 9, 10, 11, 12.
Vol. VI, Nos. 1, 3, 4, 6, 7, 9, 10, 11, 12. This makes the volume complete as the numbering is continuous.
Vol. III, No. 3, 4.

Oct. 20 1873. Recd. { Vol. VII, Nos. 2, 5, 7, 8, 9, 10, 11, 12.
Vol. VIII, Nos. 1, 2, 4, 10, 11, 12.

March 7, 1874. Recd. Vol. VIII, Nos. 5, 6, 7, 8, 9.
May 20, 1875. " " X, Nos 5 to 12 incl.
Dec. 20, 1875. " " IX, Nos. 1 to 6, 8, 10, 12, (paging consecutive)
" " X, Nos. 1, 3, (paging consecutive from p. 1 to p. 24).
June 18, 1877. " " XI (bound in paper). [Receipt acknowledged June 18, 1877.]

May 4, 1878. Recd. Vol. XII (bound in paper). [Receipt acknowledged May 4, 1878.]

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Pam 4

Repertorium für Meteorologie

herausgegeben von der Kaiserlichen Akademie der Wissenschaften, redigirt von Dr. Heinrich Wild, Mitglied der Akademie und Director des phys. Central-Observatoriums.

Recd. July 7 1870. Bd. I Heft. 1. Receipt acknowledged

Recd. Aug. 12 1871 Bd. I Heft 2. Receipt acknowledged Oct. 30

Recd. Jan. 3 1872 Bd. II Heft 1
" Nov. 8 " " " " 2.
" Aug. 6 1873 " III. } Receipt acknowledged Jan. 19, 1875.

Recd. July 1, 1875, Bd. IV Heft 1.
" Oct. 30, 1876, Bd. V Heft 1. Receipt acknowledged Oct. 30, 1876.
" Jan. 5, 1877, Bd. IV Heft. 2. " " Jan. 5, 1877.
" Feb. 23, 1878, Bd. V Heft. 2.

Bulletin Météorologique Mensuel de l'Observatoire de l'Université d'Upsal.

Feb. 1 1872. Recd. Vol. I Nos. 1–5 Vol. II Nos. 1–9 & Preface.
Nov. 8 " " —"— 6–12 —"— Nos. 10–12 Vol. III 1–12.

Receipt acknowledged Jan. 19, 1875.

April 1, 1875. Recd. Vols. IV & V.
Receipt acknowledged Jan. 15, 1877.

April 9, 1877. Recd. Vols. VI, VII. Receipt acknowledged.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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(Pam. 11) Bulletin of Public Library, Boston.

July 9 1870 Rcd. No. 14 for June 1870

Nov. 11, 1870. Rcd. No. 13 for April 1870

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1002phae.proj.270.

Annalen der königlichen Sternwarte bei München.

1870 July 7. Recd. from Munich Academy Bd. XVII & Suppl. Bd. VIII & IX.
" " " " " Observatory Bd. XVII & Suppl. Bd. IX
" Aug. 30 " " " — " — Bd. XVII & Suppl. Bd. IX
Receipt acknowledged July 7.

1871 Oct. 28. Recd. from Munich Observatory Bd. XVIII & Suppl. Bd. XI.
Receipt acknowledged Oct. 30 1871.
1873 Feb. 6. Recd. from Munich Observatory Suppl. Bd. XII.
1873 Oct. 20. Recd. from Munich Observatory Bd. XIX.
" Nov. 17. " " " — " — Bd. XIX.
1874 Nov. 28. " " " Bd. XIX.
Receipt acknowledged Jan. 21, 1875.

1875 May 1. Recd. from Munich Observatory Bd. XX & Suppl. Bd. XIII.
Receipt acknowledged Jan. 15, 1877.

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1862phae.proj..270.

Oversigt over det Kongelige danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbeider.

1870 July 7. Received 1868 No. 5 & 1869 No. 2. Receipt acknowledged.

1870 Sept. 1. Recd. 1869 No. 3.
1871 May 9 Recd. 1868 No. 6, 1869 No. 4, 1870 No. 1. Receipt acknowl.
1871 Aug. 12 Recd. 1870 No. 2
1871 Dec. 15 Recd. 1870 No. 3; 1871 No. 1.
1872 Nov. 8 " 1871 No. 2.
1873 April 12 " 1871 No. 3; 1872 No. 1.
1873 Oct. 20 " 1872 No. 2.
1874 April 16 " 1873 No. 1
1874 Aug. 6 " 1873 No. 2
1874 Nov. 28 " 1873 No. 3; 1874 No. 1 Receipt acknowledged Jan. 29 1875

1875 Oct. 2. Recd. 1874 No. 2. Receipt acknowledged Jan. 15, 1877.
1876 Feb. 28. " 1874 No. 3; 1875 No. 1.
1877 March 22. " 1875, Nos. 2 & 3; 1876 No. 1. Receipt acknowledged Nov. 10, 1877.
1877 Nov. 10. " 1876, No. 2.
1878 Feb. 16. " 1877, No. 2. Receipt acknowledged Feb. 16, 1878.
1878 Sept. 2. " 1876, No. 3; 1877 No. 3. Receipt acknowledged Sept. 2, 1878.
1878 Oct. 22. " 1878 No. 1 " " Oct. 22, " .

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1862phae.proj..270.

Carl's Repertorium.

3 nos. received from Aug. 31 1869 & March 5 1870.
March 10 1870. V Bd. 6. Heft. March 19 1870 VI Bd. 1 Heft.
May 28 1870. VI Band 2. Heft.

Nov. 2 1870 VI Bd. 3. Heft. Nov. 25 1870 VI Bd. 4. Heft.

June 16 1871 VII Bd. 2 Heft.

Aug. 12 1871 VII Bd. II Heft.
Feb. 6 1873 VIII Bd. V " "

April 7, 1876. The Phillips Library now contains the first five volumes of Carl's Repertorium, bound; and the following unbound parts.

Vol. VI, Parts 1, 2, 3, 4, 5 & 6.
" VII, " 1, 2, 3, 4, 5 & 6.
" VIII, " 1, 2, 3, 4, 5, 6.
" IX, " 1, 2, 3, 4, 5, 6.
" X, " 1, 2 & 3, 4, 5, 6.
" XI, " 1, 2 & 3, 4, 5, 6.
" XII, " 1.

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1862phae.proj.270.

Monthly Notices of the R. Astr. Society

March 10 1870. Vol xxx Nos. 2, 3. May 20, Vol xxx No. 6.

Aug. 12 1871 Vols 28 & 29 & 30. 1867-8 & 1868-9 & 1869-70

Receipt acknowledged 1871 Oct. 30

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Bulletin Hebdomadaire.

May 20 1870. Nos. 158, 165, 168, 169, 170.
July 7 " 176. 177.

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Am. Journal of Science.

1870 March 12. XLIX, 146: March 1870 May 20. XLIX, 147 May 1870

1875 July 27. Vols. 96 to 108 (last half of 1868 to last half of 1874 inclusive) received from book-binders, ~~and~~ labelled, and placed in the library.

(Pam. 9) Canadian Journal of Science, Literature, & History

Nov. 11 1870. No. 72 for Oct. 1870

Many other numbers since received.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Pam. 9

Proceedings of Meteor. Society & Quarterly Journal.

1870 March 19. Vol. V. No. 42. (with Meteorology of England, July-Sept. 1869.)
July 7. " V. " 47, 48.

1870 Sept. 1. Vol. V, Nos. 46 and 49 (with Meteorology of England, Oct.-Dec., 1869, & Jan.-March 1870)
1871 May 9. Vol. V Nos. 50 & 51. June & Nov. 1870
(with met. of England Apr.-June & July-Oct. 1870)
1871 Aug. 12 Vol. V Nos. 52 53 54 55 Jan. Feb. March April 1871.
(with met. of England Oct.-Dec. 1870) Jan-March 1871)
1872 Jan. 3. Vol. V No. 56. June 1871 With met. of England April-June 1871
& tract on Climate of Brighton.
1872 Nov. 8 Vol. I new series. Nos. 1, 2, 3. Jan. April July, 1872.
1873 April 12 — " — — " — No. 4 Oct. 1872.
1873 July 2 — " — — " — No. 5 Jan. 1873.
1873 Aug. 1 — " — — " — No. 6 April 1873.
1873 Nov. 17 — " — — " — No. 7 July 1873.
1874 Feb. 28 — " — — " — No. 8 Oct. 1873.

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Phil. Transactions.

June 6 1870. Recd. Vol. 159 Part II (year 1869.)

Nov. 5 1870. Recd. Vol. 160 Part I (year 1870)

June 6 1874. Recd. Vol. 161 Part II (year 1871); Vol. 162 Parts I & II (year 1872); Vol. 163 Part II (year 1873)
Aug. 10 1874. " " 160 " II 161 Part I.

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Comptes Rendus

March 11 1870 Tome LXX., 3,4,5,6. April 4 1870, Nos. 7,8,9.
April 14 1870 Tome LIV No. 2. Tome LXX Nos. 10, 11.
" 29 " " " " LXX No. 12.
May 14 " " LXX Nos 13, 14, 15.
June 6 " " " 16, 17, 18, 19
" 27 " " " " 20, 21
July 7 " " " " 22, 23, (also Tables des C.R. 2d semestre 1869 Tome 69)
" 25 " " " " 24, 25, 26.

Sept. 2, 1870 Tome LXXI, No. 4

April 28, 1874. Tomes ~~LXXI~~, ~~LXXII~~, ~~LXXIII~~, ~~LXXIV~~, ~~LXXV~~, ~~LXXVI~~, (July 1870 to June 1873 inclusive) received from Schwenhof & Moller.
June 18, 1874. Tome ~~LXXVII~~ 2d half of 1873.

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Mathematische Annalen.

1870 March 19 II Bd. 2 Hft. 1870 June 9, Bd. II Hft. 3
1870 Aug. 29 II Bd. 4. Heft.

1871 May 22. III Bd. 3 Heft.

April 8, 1876. The Phillips Library now contains the following parts (unbound) of the Mathematische Annalen.

Vol. I, Parts 1, 2, 3, 4.
" II, " 1, 2, 3, 4.
" III, " 1, 3, 4.
" IV, " 1, 2,
" V, " 1, 2, 3, 4.
" VI, " 1, 2, 3, 4.
" VII, " 1, 3, 4.
" VIII, " 1, 2, 3, 4.
" IX, " 1, 2, 3, 4.

Nov. 21, 1876. Recd. from B. Westermann & Co., Vol. X, Parts 1, 2, 3+4.

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Bollettino Meteorologico ed Astronomico del Regio Osservatorio dell' Università di Torino.

1870 April 4. Vols. 1, 2, 3, 4, for years 1866, 1867, 1868, 1869.

1871 June 5 Vol. 5 year 1870.

Receipt of all above acknowledged Oct. 30, 1871

1872 Aug. 30.	Vol. VI	year 1871.	Turin, 1872.	Receipt acknowledged Jan. 29, 1875.
1874 March 20.	" VII	" 1872.	" 1873.	

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1876 July 14.	Anno X (1875).		Turin, 1876.	Receipt acknowledged Jan 15 1877.
1876 July 28.	Anno VIII (1873).	Anno IX (1874).	Turin, 1875.	

1877 June 11.	Anno XI. (1876).		Turin, 1877.	Receipt acknowledged June 11.
1878 July 9.	Anno XII (1877).		Turin, 1878.	Receipt acknowledged July 9.

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London, Edinburgh & Dublin Philosophical Magazine.

Vol. 39, Nos. 258, 259, 260 (Jan. Feb., March, 1870) Recd. April 5 1870.
" 39, No. 261, April 1870 " " 29 "
Vols. 19 to 38 inclusive, bound, received May 5 1870.
Vol. 39, No. 262 May 1870 " June 6 "
Vol. 39, No. 263 June 1870 " June 30 "

Vol. 40 No. 269 Dec. 1870 received Jan. 2 1871.

Nos. 264 to 311 (July 1870 to March 1874) inclusive received from Schoenhof & Moeller, March 31, 1874.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Bulletin International de l'Observatoire Impérial de Paris

Fr April 3 & 4 1870. Recd. May 20

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

Vierteljahrsschrift der Astr. Gesellschaft.

Jan. 25 1870. Red. V. Jahrg. II Heft.

Oct. 31, 1878. 12. Jahrgang. Heft IV. 13 Jahrgang. Heft II.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1862phae.proj..270.

Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin.

July 7 1870. Received Vol. for 1869. Receipt acknowledged.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

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Sitzungsberichte der Königlichen bayerischen Akademie der Wissenschaften zu München.
(From the Academy.)

1870 Sept. 1. 1869 II, Heft. III, IV. 1870, I, Heft. I. — Receipt acknowledged

1871 Jan. 9. 1870 I Heft IV.

1871 May 9. 1870 I Hft II, III. 1870 II Hft. I, II.

1871 Oct. 28. 1870 II, Hft. III, IV. [Math. phys. Classe 1871 Hft. I.]

1872 Nov. 5. 1871 Hft. III. 1872 Hft I Math. phys. Classe.

1873 July 2. 1872 Heft. II. Math. phys. Classe.

Inhaltverzeichniss zu Jahrgang 1860–1870 der Sitz.b.

1873 Dec. 29. 1871 Hft II Math. phys. Classe.

1874 Feb. 28. 1872 III 1873 I — " —

1874 May 6. 1873 II — " —

1875 Jan. 12. 1873 III 1874 I, II. — " — — Receipt acknowledged Jan. 29 1875

1875 June 3. 1874, III. Math. phys. Classe.

1876 Jan. 4. 1875, I, II — " — " —

1876 Oct. 30. 1875, III; 1876, I. — " — " — — Receipt acknowledged Jan. 15, 1877.

1877 March 22. 1876, II; Math. phys. Classe.

1877 July 21. 1876, III — "

1877 Nov. 10. 1877, I — "

1878 Feb. 23. 1877, II — "

1878 June 15. 1877, III — " — Receipt acknowledged June 15, 1878.

1878 Nov. 8. 1878, I, II Math. phys. Classe

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Report made Oct. 1, 1874.

	1870	1871	1872	1873	1874
Bound volumes received during year ending August 31,	42	16	32	28	46
~~Of which were purchased~~ presented	102	67	95	89	131
Pamphlets	144	83	127	117	171
Total					
Of which were purchased		14	22	37	92
presented		69	105	80	85
Total		83	127	117	171

Periodical works of which numbers were received during ~~the year~~ each year in addition to the above — About 25

Total for five years above excluding periodicals — 648

Total from May 1866 to August 1869 — 512

1160

In all

We may add for numbers of periodicals since August 1869 — 1500

2660

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