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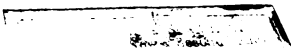
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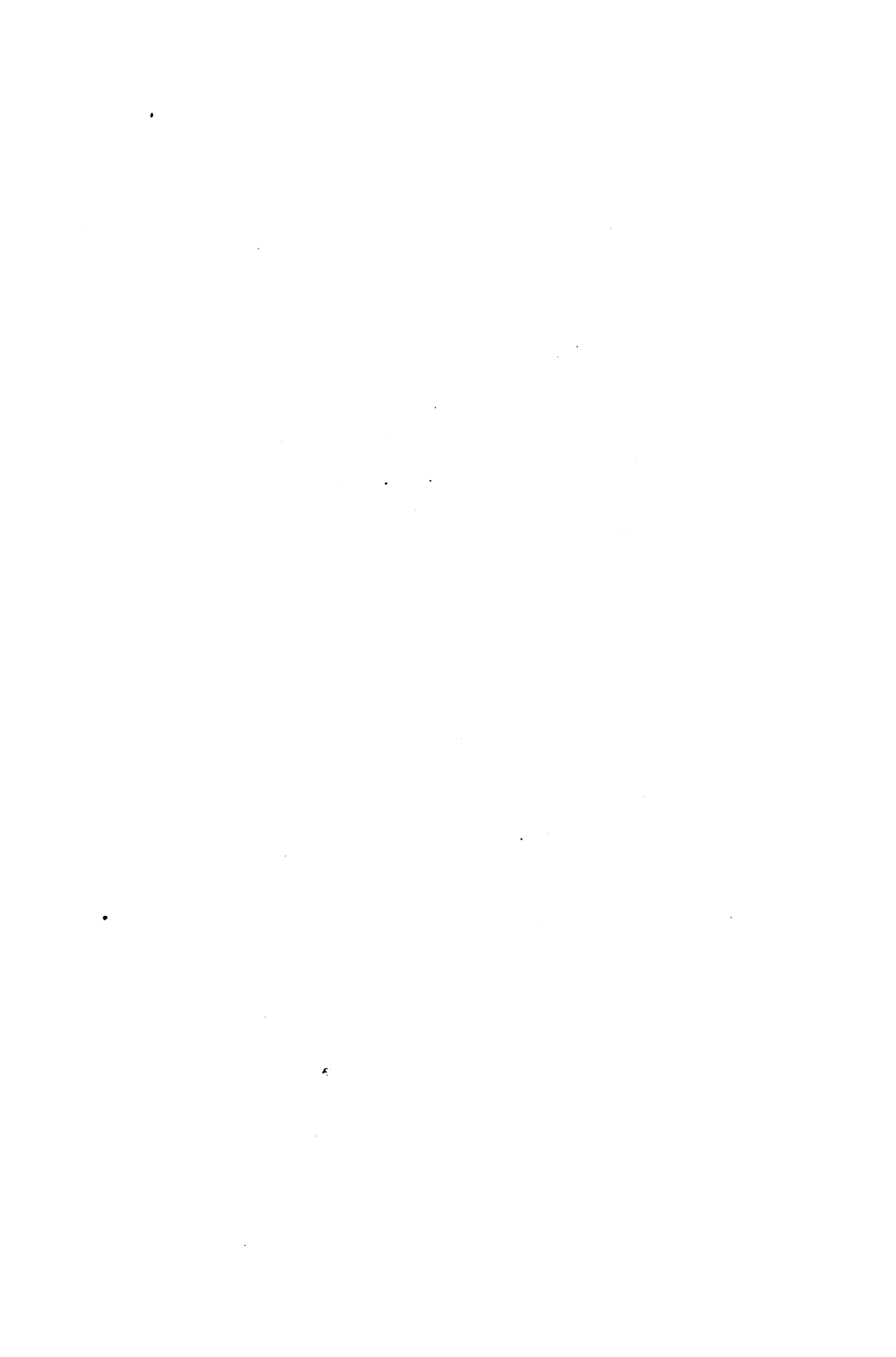


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OF THE

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AND

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THE LATE HON. SECRETARY,

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## PREFACE.

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In the preface to the Catalogue of the Library of the Society, prepared and published in 1862, it was stated a General Index to the Contents of the first Fifteen Volumes of the Society's Transactions, combined with a Catalogue of its Maps and Charts, would be presented in due course.

Owing to circumstances inseparable from a prolonged residence in India, part of this promise only was fulfilled by the completion of the MS. Catalogue of Maps and Charts.

The want of an Index to the Society's Transactions had long been felt,—the more so from the circumstance that the majority of the earlier volumes contained each little more than a table of contents, such as would afford but little assistance for the purpose of reference. A copious Index, however, was given with each volume from 1858, while advantage was taken of spare moments to prepare for the General Index.

In March 1865 the Society thankfully accepted the very liberal offer of Bhugwandass Purshotumdass, Esq., Justice of the Peace, Bombay, and a member of the Society, to prepare and publish, at his expense, the volume now issued.

Mr Balvant Crishnaráo Pálekar, the assiduous and intelligent clerk to the Society, assisted me in the compilation of the Catalogues, while the professional aid of a gentleman in Edinburgh was availed of to complete the volume.

D. J. KENNELLY.

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Volumes II. and IV. of the *Transactions* having, the one four and the other two separate pagings, references to the second series of each volume are marked with an asterisk, (thus, ii. 64\*;) to the third, with an obelisk, (thus, ii. 5†;) and to the fourth, with a double dagger, (thus, ii. 27‡.)

The great bulk of the information contained in the *Transactions* being of a geographical nature, it will chiefly be found under the name of the country, people, river, mountain, district, or town regarding which information may be sought.

In order to facilitate reference for scientific and other purposes, the leading features of the various countries, districts, and towns described in the *Transactions* have been classified under the following heads:—COMMERCE, ETHNOGRAPHY, GEOLOGY, LANGUAGES, METEOROLOGY, NATURAL HISTORY, PHILOLOGY, RELIGION; while, still further to assist this, on the following page will be found a Synoptical View of all the information of a more strictly scientific and generally interesting nature contained in the *Transactions*, with the page of the Index on which it occurs.

In addition to the ordinary arrangement under the names of places, &c., the great mass of the more important papers will be found grouped under the following heads:—MEMOIRS, MEMORANDUMS, NARRATIVES, NOTES, OBSERVATIONS, REMARKS, REPORTS, SURVEYS.



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- Matheran**, a town, India, xv. 43.
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- Maulmain**, a town, India, xv. 114.
- Maumnesi**, a tribe, Africa, vi. 335.
- \***Maungrole**, the town of, Africa, xvi. 56.
- MAURITIUS, THE ACCOUNT OF A CYCLONE EXPERIENCED BY THE GOVERNMENT OF INDIA STEAMSHIP "AMBERWITCH," NEAR THE, IN JANUARY 1864**, by A. W. STIFFE, xvii. 199.
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- Maury, Captain, xvii. 289.
- \*Maury, Lieutenant, letters from, on the subject of meteorological observations, x. 70.
- Mausart, a ship, xv. 45.
- Mausrapoor, a talooka or district of country, India, iv. 149.
- Mavimbo, governor of Mozambique, xvii. 262.
- Mawa, India, height above the sea, (494·0 feet,) ix. 345.
- Maya, a tribe, India, ii. 59.
- Mayan Abadun, a town, Arabia, xi. 131.
- Maydhan-i-Shah, a quarter of the city of Shirauz, Persia, xvii. 176.
- Mayedth, a tribe, Africa, viii. 206.
- \*Mayes, Mr, letters from regarding meteorological observations at Shum Shum and Seerah Island, ix. 31, 45.
- Mayin, a district, Persia, xvii. 182.
- Mayos, an ancient port on the shores of the Red Sea, xiii. 134.
- Mayotta Island, one of the Comoro group, xvi. 88, 89.
- Mazanderan, a province, Persia, xvii. 58.
- Mears, Lieutenant, notice of the murder of, at the river Jub, or Govind, near Barawa, Africa, vi. 386, 389.
- Meanee, steam-tender, its voyage up the Indus, viii. 144-176.
- Measures, Indian land, iv. 68, 69.
- Medar, the ruins of, Persia, ix. 287.
- Median Wall of Xenophon, conjectures regarding the, x. 99, 100, and *notes*.
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- Mediterranean, the, xv. 2, 4, 10, 13.
- \*Mediterranean, the, xvii. 115.
- Mediterranean shore of Egypt, xv. 2.
- Mediterranean Sea, account of a volcanic island rising out of the, xvii. 233.
- Meeagaum, the town of, India, xiii. 70.
- Meean Rajoo, a Hindu prince, iv. 67.
- Meeanas, a race of plunderers in Katteewar, India, vii. 29.
- Meegeend, a tribe, Africa, vi. 58, *et seq.*
- Meer Afzal Khan, a chief, India, x. 32.
- Meeras, a kind of Indian land tenure, iv. 70, *et seq.*
- Meerasdars, a kind of Indian landholders, iv. 76, *et seq.*
- Meerpoor Buttora, a district in Scinde, account of the damage done to, by an inundation in 1851, x. 272.
- Meerpore, the town of, east of Hydrabad, India, vi. 143, 204.
- Meerpoor, a town, India, xvi. 51, 52.
- Meerpurah, a village, India, x. 30.
- Meeruk Hassan, a chief, India, x. 6.
- \*Meerut, the town of, India, xvi. 106.
- Meerut, account of a remarkable hail-storm at, ix. 185; xii. 14, 22.
- Meer Thara, a chief, India, xvi. 64.
- Meerzadair, a village, India, x. 29.
- \*MEETINGS OF THE BOMBAY GEOGRAPHICAL SOCIETY, SYNOPSIS VIEW OF THE, from its institution in April 1831, to the 15th of December 1864:—
- 1831, *April*.—Preliminary meeting for the formation of the Society; list of the original office-bearers, i. 1, *et seq.*
- 1833, *June*.—Formation of a library begun; a set of meteorological and surveying instruments purchased and placed under the charge of the secretary, for the use of the members, i. 5.
- 1835, *March*.—A letter received from the Royal Geographical Society of London, acknowledging the Bombay Society as a branch of itself, and transmitting a series of resolutions explaining the relation subsisting between the parent society and its branches; apartments granted by the Government for the use of the Society, and a monthly allowance of money assigned, i. 5.
- 1836, *Feb.*—It is resolved to publish the Transactions of the Society in quarterly issues, i. 6.
- 1836, *March*.—Letter from the Royal Geographical Society of London regarding the printing of the Society's papers in the Royal Society's Journal, and the transmission of copies of the publication to Bombay; resolved that each member shall have the privilege of introducing a friend to the meetings, and that the reports of the Society shall be published from time to time; donations to the lib-

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- rary; list of papers laid before the meeting, i. 17-19.
- 1836, *April*.—Annual report of the proceedings of the Society for 1835-36, i. 92-112.
- 1836, *May*.—Report by the Council of the Society as to its position at this period, i. 265-274.
- 1836, *June*.—A letter is received from the Royal Geographical Society of Paris desiring to correspond with the Society, and to exchange papers, which was agreed to, i. 6, 109.
- 1837, *May*.—Report of the proceedings of the Society for 1836-37, i. 274-279.
- 1837, *Aug*.—Letters from Lord Auckland, thanking the Society for sending him copies of their second and third reports, and expressing his desire to become a member, i. 280; letter from T. G. Taylor astronomer at the Madras observatory, requesting a loan of the Society's dipping needle for a twelvemonth, which was granted, 280; on the motion of Lieut. Ayrton, a subscription list is opened for the purpose of forming a geographical library, 281; list of papers presented, 288.
- 1837, *Nov*.—Lord Auckland is elected honorary patron of the Society; donations; list of papers presented, i. 288-300.
- 1838, *Feb*.—Letters—from Mr Smyth describing the coast of Arabia between the Bay of Curia Muria and Morebat, i. 301; from Dr Arbuckle descriptive of Aden on the Red Sea, and the facilities it affords for a coal depot, 302; from Lieut. T.G. Carless containing an account of a visit to the hot springs of Kurrachee, and a lake of alligators, and a journey to the town of Beylah, 303, from J. Ross, Esq., describing geographical research in the neighbourhood of Baghdad, 306; donations, 306; list of papers presented, 307, *et seq.*

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- 1838, *May*.—Letters from the Secretary of the Royal Geographical Society of London acknowledging the receipt of certain books, and intimating the transmission of others, i. 371; from Sir A. Burnes, transmitting a copy of the native geographical work entitled, "Masalik-woomalik," 372; remarks on the work by Dr Bird, 373; letters, donations, 374; papers presented; report of the Society for 1837-38, 375, *et seq.*
- 1838, *June*.—Sundry letters read, ii. 71.
- 1838, *Aug*.—Letter from Sir A. Burnes, giving a summary of the geographical labours of his mission to Cabool, ii. 72, 73; donations, 74; Rear-Admiral Sir C. Malcolm resigns his office as president of the Society, 74; it is agreed to hold a meeting for the purpose of considering the best mode of testifying the Society's sense of Sir C. Malcolm's services, 74.
- 1838, *Aug*.—An extraordinary meeting, for the purpose of hearing an address read, which had been drawn up by Dr Bird, to be presented to Rear-Admiral Sir C. Malcolm, on the occasion of his resigning the office of president; the address, i. 396, ii. 74; it is also resolved to request Sir C. Malcolm to allow his portrait to be taken for the Society, and that the sum necessary for this purpose be raised by subscription, i. 391, ii. 75; Captain Ross is elected president, i. 392, ii. 76; letter from Captain W. C. Harris of the Engineers, transmitting a narrative of his expedition into the interior of Southern Africa, and offering his services to the Society for the purpose of making further attempts, ii. 76, 77.

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- 1838, *Nov.*—List of papers presented, ii. 79\*.
- 1839, *May.*—Resolutions in reference to members, ii. 123 ; letters, 123 ; papers presented, 124.
- 1839, *June.*—Letter from the Cape of Good Hope, relating the discovery of a great unknown lake in the interior of Africa, iii. 74 ; donations, 75, 76.
- 1839, *Aug.*—Letter from T. B. Taylor, Esq., of the Madras Observatory, forwarding an account of some observations made with the Society's dipping needle, iii. 76 ; donation, 76.
- 1839, *Nov.*—Two letters from the Secretary of the Royal Geographical Society of London, forwarding an account of the Arctic discoveries of Messrs Dease and Simpson, a copy of the President's address, and a paper on the names of places on the Red Sea ; and intimating that the Society had decided to send a complete set of their Journal to each of the principal public libraries in India, iii. 143 ; papers presented, 143.
- 1840, *Feb.*—Letter from Captain Boyd on the lead ore found near Beyla, iii. 204 ; papers presented ; donations, 205.
- 1841, *Feb.*—The museum which the Society had formed is, at the request of the Bombay Branch of the Royal Asiatic Society, and with the intention of better forwarding the interests of science, made over to it, i. 7.
- 1841, *Feb.*—Letters—from Mr Layard, dated Karrak, requesting the Society to provide him with certain instruments to aid him in the prosecution of his geographical inquiries, vi. 1 ; from C. F. Beke, dated Tadjoura, Africa, transmitting a specimen of an African plant ; 2 ; from M. D'Abbadie, describing the town of Barberah, Africa, 3 ; from Major Stirling, giving an account

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- of a visit to the Falls of Sannadura, India, 5 ; and some geological remarks on trap rock, 7 ; donations, 8 ; additions to the Society's library, 9-11.
- 1841, *May.*—Election of office-bearers, vi. 11 ; donations, 12, 13.
- 1841, *Nov.*—Papers, donations, vi. 13.
- 1842, *Feb.*—Letters, papers, donations, vi. 14.
- 1842, *March.*—The death of Dr Heddle, who had acted as secretary of the Society from the commencement, and whose energy and industry had contributed so much to its success, is announced, and regretted ; list of papers published by the Society from March 1836 to March 1844 i. 7.
- 1842, *March.*—Special meeting for the purpose of devising some means of evincing the Society's regard for the memory of the late Dr Heddle. It is resolved to erect, by subscription, a tablet in the cathedral or Byculla church, Bombay, with an inscription commemorative of the Society's respect for his memory, vi. 16-18.
- 1842, *May.*—The Heddle testimonial ; a special meeting to be held to consider the best mode of commemorating the late Sir A. Burnes ; donations, vi. 18 ; Dr Buist elected secretary, 19 ; financial statement for 1841, 21.
- 1842, *Aug.*—It is announced that 2785 rupees have been subscribed for the purpose of erecting a memorial to the late Dr Heddle, the secretary, vi. 17 ; donations, 17.
- 1842, *Aug.*—A special meeting for the purpose of originating a memorial to the late Sir A. Burnes ; it is unanimously agreed to have his portrait painted at the expense of the Society, and hung up in their rooms, vi. 18-21.

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- 1842, *Nov.*—Some remarks on the proposed memorials to the late Sir A. Burnes and Dr Heddle; donations, vi. 21.
- 1843, *Jan.*—List of members of the Society, from 1832 to January 1842, i. 13.
- 1843, *Feb.*—The Burnes' memorial; donations, vi. 22.
- 1843, *March.*—The Society resolve to erect a monument to the late Dr Heddle, with a complimentary inscription, vi. 24.
- 1843, *May.*—The Burnes and Heddle memorials; office-bearers for the year; donations, vi. 24; financial state of the Society for the past year, 25.
- 1843, *Aug.*—The Burnes and Heddle memorials, vi. 26; donations, 27; letters, 28; remarks on the Society's collection of minerals, 29; extracts from the address of the President of the Royal Geographical Society of London, 30.
- 1843, *Nov.*—The Burnes memorial and list of subscribers, vi. 32; donations, 33; letters from Captain F. Ayrton at Paris, regarding the exchange of the Society's publications for those of the Société Asiatique de Geographie de Paris, and enclosing a copy of his letter to the secretary of the French society on the subject, 34-38.
- 1844, *Feb.*—Donations, letters, vi. 38-40.
- 1844, *May.*—Financial condition of the Society for the past year, vi. 40; donations, 41; secretary's report of the Society's operations for the past year, 41-43.
- 1844, *Aug.*—Donations, vii. 1; remarks on maps, 2.
- 1844, *Nov.*—Donations, letters, vii. 4; the Governor-General is requested to become patron of the Society, 6.
- 1845, *Feb.*—Remarks on tidal observations, vii. 7; donations, 10; letters—from the chief secretary to Government, in-

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- forming the Society that the Governor-General will have much pleasure in becoming patron, 10; from various parties, thanking the Society for copies of their Transactions, 11; donations, 11.
- 1845, *May.*—Letter from Dr Buist, intimating his inability, from ill health, to perform the duties of secretary, and that he was about to depart for England for a period of six months, vii. 12; donations, 13; letters, 14; list of office-bearers, 15; financial statement, 15.
- 1845, *Aug.*—Papers, donations, vii. 16; letters, 18.
- 1845, *Nov.*—Papers, donations, vii. 18; letters, 20.
- 1846, *Feb.*—Papers, donations, vii. 21; letters on tidal and meteorological observations, 22-38.
- 1846, *May.*—Remarks and correspondence on tidal and meteorological observations, vii. 40-47; papers, 47; letters, 48; office-bearers, and financial statement for the year, 49.
- 1846, *Aug.*—Papers, vii. 50; donations, 50.
- 1847, *Feb.*—Donations, viii. 1; letter from the chief secretary to Government regarding the collection of statistical information, 2; letters, 6.
- 1847, *May.*—Donations, viii. 7; office-bearers, and financial statement for the year, 8.
- 1847, *Aug.*—Papers, letters, viii. 10.
- 1847, *Nov.*—Papers, donations, letters, viii. 12; letters on ancient beaches from Dr Buist and Mr Robert Chambers, 13-18.
- 1848, *Feb.*—Remarks and letters on tidal and meteorological observations, viii. 19.
- 1848, *March.*—Report by the secretary, viii. 23; donations, 26; letters, 26; office-bearers for the year, 28; memorandum on the subject of the establishment of an economic museum at Bombay, 29.

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- 1848, *June.*—Regulations for conducting the library, viii. 31; description of various specimens of minerals, 32, *et seq.*; papers, donations, letters, 47.
- 1848, *Aug.*—Papers, donations, letters, 48.
- 1848, *Sept.*—Captain D. Ross resigns his office as president of the society, viii. 50; papers, donations, letters, 51.
- 1848, *Oct.*—Papers, donations, letters, viii. 52; remarks on meteorological observations, 53.
- 1848, *Nov.*—Papers, donations, viii. 54.
- 1848, *Dec.*—Resolutions and remarks on tidal and meteorological observations, viii. 55; remarks on a meteoric stone, 57; donations, letters, 58-60.
- 1849, *Jan.*—Donations, letters, viii. 60.
- 1849, *Feb.*—Donations, letters, viii. 64; remarks and letters on meteorological observations, 65-71.
- 1849, *March.*—Letters, chiefly on meteorological observations, viii. 71-76; report by the secretary on the instruments belonging to the Society, 76; donations, 78.
- 1849, *April.*—Donations, viii. 78; letter from Lieut. F. E. Manners, describing a visit to the ruins of the ancient city of Adoulis, 79; remarks on evaporation, 81, *et seq.*
- 1849, *May.*—Financial statement for the year, viii. 83.
- 1849, *June.*—Captain D. Ross is elected honorary president of the Society, ix. 1; report by the committee on physical research, 2; donations, 6; letters on tidal and meteorological observations, 6; discussion on the subject, 9-12.
- 1849, *July.*—Remarks on Captain Ross's services to science, geography, and navigation, and resolution to have his portrait painted and hung up in the Society's rooms, ix. 12-15; donations, letters, 16.

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- 1849, *Aug.*—Report of the committee on the Ross Testimonial, ix. 18, *et seq.*; donations, 22; letters, 22.
- 1849, *Sept.*—The Ross Testimonial, ix. 24; report by the committee on Physical Research, 25; discussion on the report, 26; donations, 27; letters, 27-30.
- 1849, *Oct.*—Letters from Lieutenant Aytoun, pointing out the island of Johanna, in the Mozambique, as a good point for making meteorological observations, ix. 31; from Mr Mayes, transmitting the meteorological observations of Shum Shum and Seerah island, 31; remarks on the subject by the secretary, 32; donations, letters, 33.
- 1849, *Nov.*—Donations, letters, ix. 34; remarks on hailstorms and other meteorological phenomena, 36.
- 1849, *Dec.*—Correspondence on meteorological phenomena, ix. 39; donations, letters, 40; remarks on meteorological phenomena, 41-43.
- 1850, *Jan.*—Donations, letters, ix. 44.
- 1850, *March.*—Correspondence on meteorological observations, ix. 44, 45; donations, 45; letters, 46.
- 1850, *April.*—The Ross Testimonial, ix. 47-51; donations, letters, 51.
- 1850, *May.*—The Ross Testimonial, ix. 51-53; report on the state of the Society's affairs for 1849, 53, *et seq.*; office-bearers for the year, 111; letters, 111.
- 1850, *June.*—Letters, papers, ix. 113, 114.
- 1850, *July.*—Remarks on meteorological observations, and on the services of Corporal Leach, ix. 115-117; letters, papers, 118-120; Dr Buiat resigns his office as secretary, 120, *et seq.*
- 1850, *Aug.*—Donations, letters, books, ix. 123.
- 1850, *Sept.*—Letter from Captain

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- Beecher regarding the Ross Testimonial, x. 1; Dr Buist's experiments on the aneroid barometer, 3-5; description of a newly-contrived atmometer, by C. G. E. Ford, 5-9; account of an evaporating dish, 9-12; donations, letters, 12.
- 1850, *Oct.*—Letters, donations, x. 14, *et seq.*
- 1850, *Nov.*—Remarks on the aneroid barometer, by Professor Patton, x. 15-19; letters, 19; donations, 20.
- 1850, *Dec.*—Final consideration of revised by-laws, x. 21; remarks on meteorological observations and phenomena, 22.
- 1851, *Jan.*—Remarks on meteorological observations and instruments, x. 23; report by a committee of the Congress of the United States on the construction of Maury's wind and current charts, 24-26; Mr Macfarlane's wind and current charts for Indian Seas, 26; letters, 28; donations, 29.
- 1851, *Feb.*—Remarks on the Society's barometers, x. 29; barometer and aneroid comparison, 33; letters, donations, 37.
- 1851, *March.*—Report of the committee on wind and current charts, x. 38; Mr Mayes's papers and instruments exhibited, 39; letters, donations, 40.
- 1851, *April.*—Final report of the committee on the Ross Testimonial, x. 41; remarks on hot springs, by Dr Buist, 43; and on the geology of Bombay, 45; letters, donations, 49.
- 1851, *May.*—Address presented to the Hon. Mr Willoughby, president of the Society, on his retirement, x. 50; his reply, 52; letters, donations, 52; office-bearers, 53; Zanzibar meteorological observations, 54; Mauritius observations, 56, *et seq.*

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- 1851, *July.*—Letter from Admiral Sir Francis Beaufort, hydrographer to the Admiralty, transmitting copies of all the charts that have been published by the Admiralty for the use of the navy, x. 66; letters, donations, 68.
- 1851, *Aug.*—Special committees appointed to report on the best mode of disposing of the various articles forwarded by Sir Francis Beaufort, x. 69; report of the committee on wind and current charts, 69; letters from Lieut. Maury on meteorological observations, phenomena, and instruments, 70; letters, 72; donations, 73.
- 1851, *Sept.*—Paper on the Correction of Barometer for the Pressure of Moisture, by Professor Patton, x. 74; letters, 77; donations, 78.
- 1851, *Oct.*—Report of the special committee on the Ross Testimonial, x. 78; set of abstracts from all the principal and trustworthy English observatories, from north latitude 30° to south latitude 44°, hitherto published, arranged according to latitude, 79.
- 1851, *Nov.*—Account of an instrument for determining submarine currents, x. 82; letters, 83; donations, 84; the Aden dip observations, 84, *et seq.*
- 1852, *Jan.*—Letters, donations, x. 91.
- 1852, *Feb.*—Dr Buist on the remarkable elevation of the barometer all over India at the end of January and beginning of February, x. 92-95; the great atmospheric tide at this season, 96; Mr Smith's paper on the sources of the Nile, 96; letters, donations, 101.
- 1852, *March.*—Explanation by Professor Patton of some points which had been misunderstood in his paper on the correction of the barometer

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- for tension of vapour, x, 103; letters, donations, 103.
- 1852, *April*.—Letters, donations, x, 104.
- 1852, *May*.—Letters, donations, x, 105; report on the state of the Society for the past year, 105; papers, 106; letters, 107; office-bearers for the year, 107.
- 1852, *June*.—Description of a submarine current-measurer, by Dr Buist, x, 108; letters, donations, 110; financial statement for the year, 111.
- 1853, *May*.—Annual report and financial statement, xi, 1-8.
- 1854, *Aug*.—Address by Dr Buist on the resuscitation of the Society, xii, 1; remarks on the hydrography and geography of the Red Sea, 6.
- 1854, *Sept*.—Lecture on the principal depressions on the surface of the globe, by Dr Buist, xii, 7; continental river basins, 9; Great Salt Lake, 11; Natron and bitter lakes, 13; Arral and Caspian, 15; Dead Sea, 17; depths of the ocean, 19.
- 1854, *Oct*.—Lecture on Captain Selby's survey off the shores of Bombay, by Dr Buist, xii, 19-22; lecture on the instruments mostly employed in geographical research, 22-24.
- 1854, *Nov*.—Lecture on the cyclone at Bombay on the 2d Nov. 1854, by Dr Buist, xii, 25-59.
- 1854, *Dec*.—Election of members, xii, 59.
- 1855, *May*.—Report of the operations for the year, xii, 59; cartography, 68; geographical research for the past year, 74; surveys in India, 85-93.
- 1855, *Aug*.—Experiments on subsurface evaporation, xiv, 1; on the movement of the clouds in the upper and lower regions of the air, 2.
- 1855, *Sept*.—Letters, donations, xiv, 4; on certain peculiarities of water plants in our tanks, 5.

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- 1855, *Oct*.—On the physical geography of India, xiv, 6.
- 1856, *April*.—On skeleton charts, xiv, 22; the Beaufort Testimonial, 22.
- 1856, *Aug*.—Donations, letters, xiv, 24; value of barometric measurements, 25, *et seq.*
- 1856, *Oct*.—Discussion on the axial rotation of the moon, xiv, 27, *et seq.*
- 1856, *Dec*.—Correspondence in reference to Captain Burton's expedition into Eastern Africa, xiv, 31-39; on the earthquake of the 12th of October 1856, in the Levant, 39.
- 1857, *Feb*.—On Foucault's experiment on the rotation of the earth, xiv, 42.
- 1857, *April*.—Letters, donations, xiv, 44; on the ferns in the Western Ghauts, India, by Mr Leggatt, 45, *et seq.*
- 1857, *May*.—Financial statement, xiv, 49; office-bearers for the year, 50; letters, donations, 50.
- 1857, *July*.—Letters, donations, xiv, 51.
- 1857, *Sept*.—Letters, donations, xiv, 52.
- 1857, *Oct*.—Remarks on geological and geographical phenomena, xiv, 54.
- 1857, *Nov*.—Remarks on geographical phenomena, xiv, 57; on oceanic undercurrents, 61.
- 1857, *Dec*.—Letters from Captain Burton describing his journey into Eastern Africa, xiv, 63-68; remarks on the geography of the Red Sea, 68.
- 1858, *May*.—Financial statement for the year, xiv, 73.
- 1858, *Oct*.—Donations, xv, 11; Dr Buist gives notice of his resignation of the office of secretary, 12.
- 1858, *Nov*.—Letters, donations, xv, 12; extracts read from a letter from Lieutenant Constable, on the physical geography of the Persian Gulf, xv, 13.
- 1859, *Jan*.—Correspondence with Dr Buist in reference to his re-



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- signation of the secretaryship, xv. 18; election of Mr Kennelly, I.N., to the secretaryship, 21; letters, donations, 21; remarks on the laterite of Cochin and Quilon, by Dr Buist, 21.
- 1859, *Feb.*—Letters, donations, xv. 24; bottle log forwarded to the Society, 26; Captain W. C. Barker on the navigation between Bombay and Suez, with reference to the proposed Suez canal of Monsieur Ferdinand de Lesseps, 27.
- 1859, *March.*—Donations, xv. 36; a paper on the island of Jibalea, Kooria Moorja Islands, is read by the secretary, 37.
- 1859, *April.*—Donations, letters, xv. 41; the secretary reads a paper, by Mr J. Dawson, on the geography and meteorology of the Kooria Moorja Islands, 42; letter from Captain Pullen, giving some interesting experiments as to the temperature of the ocean at great depths, 43.
- 1859, *May.*—Donations, letters, xv. 46; general committee elected, and annual report read, 47.
- 1859, *June.*—Sub-committees elected, xv. 51; donations, letters, 52; Dr Carter supplies a microscopical examination of Captain Pullen's specimens from the sea-bottom between the coasts of India and Arabia, 52.
- 1859, *Sept.*—Donations, letters, xv. 58; present to Dr Buist for his editorial labours on the Society's Transactions, 60; extracts from Dr Buist's paper on hurricanes in the eastern seas from 1854 to 1859, were read, 63, *et seq.*
- 1859, *Oct.*—Donations, letters, xv. 70.
- 1859, *Nov.*—Donations, letters, xv. 72; Sir Bartle Frere forwards altitudes of various places situated on the north-west frontier, obtained by the boiling point of water, 72.
- 1859, *Dec.*—Donations, letters, xv.

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- 74; letter from Captain Speke regarding his intended exploration of Central Africa, 74; a paper is read on the surveys in the Indian Ocean, with reference to the existing errors of its physical geography, 75.
- 1860, *Jan.*—Donations, letters, xv. 76; the secretary remarks on the existing defects in private charts, and the resolution of the Society thereon, 78; Captain Speke's paper on the commerce of Central Africa was then read, 78; Dr Birdwood's remarks thereon in connexion with the trade between Bombay the Gulf of Persia, Red Sea, and African coast, 78.
- 1860, *Feb.*—Donations, letters, xv. 81; Dr Birdwood reads his paper entitled, "Is the Habashah of Bruce the source of the White Nile?" 81.
- 1860, *March.*—Donations, letters, xv. 82; Lieutenant Philbrick's "Notes on the Andamans" is read, 83.
- 1860, *April.*—Donations, letters, xv. 83; letter from J. Ritchie, Esq., enclosing extracts of logs of ships *Wellesley* and *Barham*, 84; letter from Captain Speke regarding his intended exploration of Africa, 85; remarks by Dr Birdwood on the source of the White Nile, 86.
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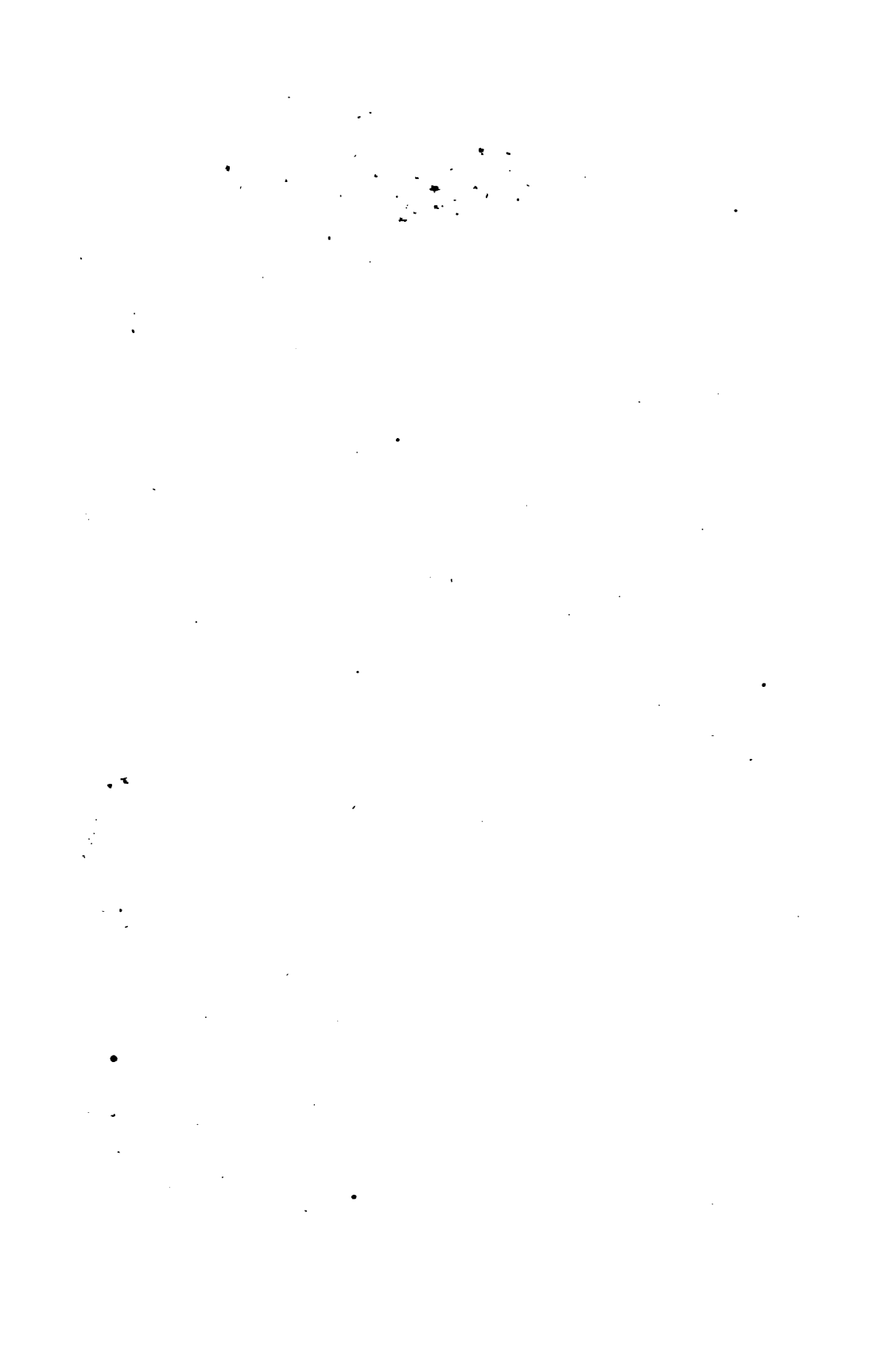
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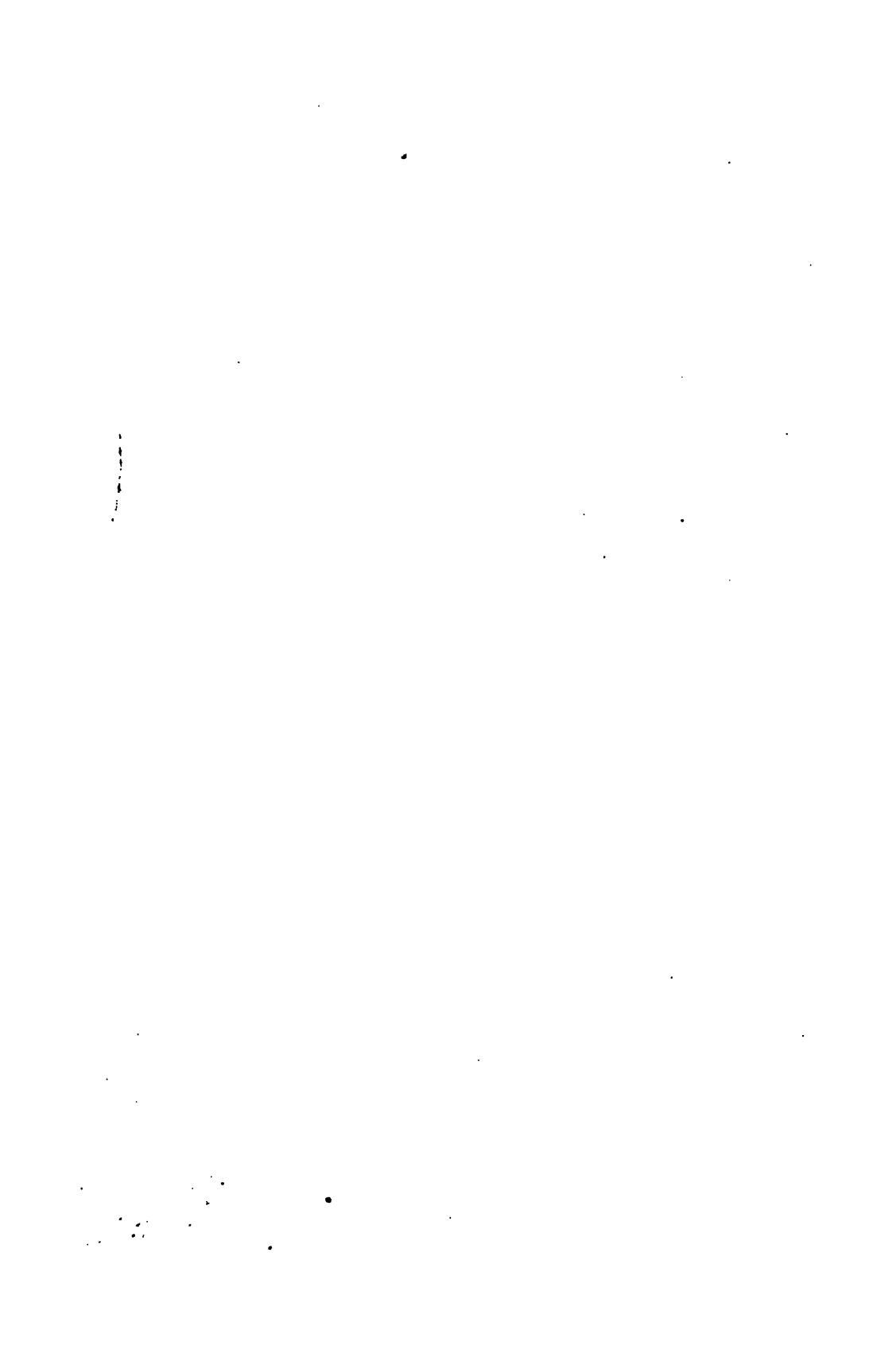
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- Globes—Terrestrial and Celestial.

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- 3 Sphere, Geometrical Projection of two-thirds of the, by Lieut.-Col. James R.E., F.R.S.

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- 264 Soonneanee Harbour, Sketch of the, by Commander Montriou and Lieutenant Frushard.
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 272 Tinnevelly, Trigonometrical Survey of the Coast of, by J. J. Franklin, 1842.  
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 275 Tuticorin, Trigonometrical Survey of the Roadstead and Harbour of, by J. J. Franklin.

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- 334 Africa, (North,) Map showing the Progress of Discovery and Improvement in the Geography of, by Mr Rennell, 1798, corrected in 1802.
- 335 Africa, (Eastern,) Map of the Routes between Zanzibar and the Great Lakes in, by Captains Burton and Speke; constructed from the Observations of Captain Speke, by A. G. Finday.
- 336 Africa, Chronometrical Survey of the S.E. Coast of, from the Cape of Good Hope to Algoa Bay, by Mr Walker, 1818.
- 337 Africa, Trigonometrical Survey of the N.E. Coast of, by Lieutenants Carless, Jardine, and Grieve, 1838.
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- 352 Helena, (St,) Survey of the Bank of Soundings and Dangers around the Island of, by Mr Thomas, 1815.
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- 360 Red Sea, Survey of the principal Harbours and Anchorages in the, South of Jiddah, by Commanders Haines and Elwon.
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- 369 Holsteinborg Harbour, Survey of, 1853.
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- 374 Sinsun Bay, Survey of, by Lieutenant Webster, 1850.

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- 397 Grenada. Survey of the Carenage and Lagoon, with the heights and town of St George.
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- 420 Rio La Plata, Reference Chart to the Track Survey of the Tributaries of, by Commander Page, 1855.
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- 422 Santa Catharina, Plan of Anchorage on the N.W. side of the Island of, on the Coast of Brazil, 1819.
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