

111

INDEX

TO

VOLUMES XIX. AND XX. OF THE ASIATIC RESEARCHES

112

AND TO VOLUMES I. TO XXIII.

OF

THE JOURNAL OF THE ASIATIC SOCIETY

OF

BENGAL.



CALCUTTA:

PRINTED BY J. THOMAS, BAPTIST MISSION PRESS.

1856.

P R E F A C E.

THE following Index owes its origin to a desire to render the varied and valuable matter contained in the Transactions of the Asiatic Society easy of reference to the Compiler. In submitting it to the Members, he is anxious that nothing more should be expected from it than just what it assumes to be—a resumé of the several volume indices to the Journal of the Society and to the last two volumes of the Asiatic Researches. All attempt at systematic classification has been suppressed, and little more has been done than to record, under the usual alphabetical arrangement, the subjects, the names of the authors, and the local connexion of the articles as they appear in their titles. The appendix includes :

1st, An Index to the Numismatic Papers, Notices and Plates that have appeared in the Journal; compiled by G. H. Freeling, Esq. B. C. S.,

2nd, A reprint of Col. Sykes's List of Ancient Inscriptions published in the Journal.

3rd, Mr. Piddington's Index to the Indian Geological, Mineralogical and Palæontological papers in the Researches and the Journal of the Society, and in the Gleanings of Science; and

4th, A Table of Indian Coals Analyzed at the Calcutta Assay Office, including those published in the Gleanings in Science, September, 1831, arranged according to localities extracted from the Report of the Coal Committee; by Mr. Jas. Prinsep.

R. M.

20th December, 1856.

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Note.—The leading word—if an author's name, is printed in Small Capitals, if the name of a place, in Italics, if a common noun, in Roman letters. The Roman numerals indicate the volume and the Arabic figures the page referred to. The letters A. R. mark the Asiatic Researches.

	Page
ABbas MIRZA, Prince of Persia, ii. . .	147
ABBOTT, J. Notes on the Ruins of Maunkyala, xxii. . .	570
———— List of the Rajahs of Sealkote, xviii. . .	177
———— Some account of the Battle Field of Alexander and Porus, xvii.	619
———— Addendum on the Battle Field of Alexander and Porus, xviii.	176
———— Process of working the Damascus Blade of Goojrat, xvi.	417
———— Additional Observation on the Damascus Blade of Goojrat, xvi.	666
———— On a Sculpture from the site of the Indo-Greek city of Bucephalia, xvi.	664
———— On the Manufacture of the Matchlock of Koteli, xvii. . .	277
———— Remains of Greek Sculpture in Potowar, xviii. . .	131
———— Account of certain Agate Splinters found in the clay stratum bordering the river Narbudda, xiv.	756
———— Remarks upon the occurrence of Granite in the bed of the Narbudda, xiv.	821

ABBOTT, J. Account of the process employed for obtaining Gold from the sand of the River Beyas, with a short account of the Gold Mines of Siberia, xvi.	Page	266
——— Note on Nurma or Chanderi Cotton, in reference to queries by Mr. Piddington, Journal Asiatic Society, Vol. X. p. 716, xi.		1188
——— An account of a remarkable Aerolite, which fell at the village of Maniegaon, near Eidulabad in Khandeesh, communicated, with a specimen, to the Asiatic Society. With chemical examination by H. Piddington, xiii.		880
——— On the Sites of Nikaia and Boukephalon, xxi. ..		214
——— On Kunker formations, with Specimens, xiv. ..		442
——— On the Ballads and Legends of the Punjab ; a Refacimento of the Legends of Russaloo, xxiii. 54,		123
——— Gradus ad Aornon, xxiii.		309
——— On the Mirage of India, xxiii.		163
ABDUL MAJID, Letter on the subject of the Arbelon Problem, i. ..		208
ABDULLAHS, Story of the two, v.		590
<i>Abi Ma</i> or <i>Amoo</i> or <i>Oxus</i> , Notes on the sources of the, extracted from the Journal of Mr. Gardener, xxiii. ..		431
<i>Abor</i> Mountains, Geological specimens from, vi. ..		661
Aborigines of the Sub-Himalayas, On the, xvi. ..		1235
——— Ditto, Addenda et Corrigenda, xvii.		73
——— of the South, xix.		461
——— of the North East Frontier, xix.		309
——— of the Central India, xvii.		550
——— of the Eastern Frontier, xviii.		967
<i>Abors</i> and <i>Mishmis</i> , v.		195
<i>Abu</i> , Jain Temples of, ii.		161
<i>Acacia Arabica</i> , Properties of the, vi.		392
<i>Academy</i> , French, Report of the, i.		111
Account of <i>Tamba Patra</i> Plates, dug up at Baroda in Goojrat, with Facsimile and Translation, viii.		292
Action of Copper on Ink, v.		317
ADAM, J. Account of Barren Island in the Bay of Bengal, i...		128
——— Geology of Bundelcund and Jubbulpore, Memoranda on the, xi.		392

Address, The Rev. J. Wilson's, to the Bombay Society, v.	Page	304	
——— Sir Charles Grey's, i.	..	..	300
——— to H. H. Wilson, I.	..	..	563
——— to Rev. Dr. Mill, vi.	..	..	800
Aden, Ancient Inscription found at, xi.	..	..	958
———, A couple of hours' Herborization at, xvi.	..	..	1211
Adi Buddha, v.	..	..	83
——— System, ii.	..	..	57
Adi Prajna or Dharma, v.	..	..	85
Aeng Route from Pakung Yeh in Ava to Arracan, Report on a,			
xi.	..	..	1136
Aerolite, Fall of an, iii.	..	..	413
———, An account of a remarkable, which fell at the village of Manicgaon, xiii.	..	..	880
Afghan people and dialect, and on the connexion of the Pushto language with the Zend and Pehlavi and the Hebrew. Some Remarks on the Origin of the, xxiii.	..	..	550
Affghanistan, Extracts from a Report on subjects connected with x. 797,	..	..	977 —
——— and the neighbouring countries. Memoir on the Climate, Soil, Produce and Husbandry of, viii.	745,779,869		
1005, ix. 33,	..	..	189
——— Objects of Research in, viii.	..	..	145
——— Notices of some Land and Fresh Water Shells occurring in, xviii.	..	..	649
——— On the Mines and Mineral Resources of Northern, x.	..	..	74
——— On Tabular Returns of the N. W. Frontier Trade with, x.	..	..	257
——— Memoir on the Topes of, iii.	247,	..	321
——— Tables of Barometrical and Thermometrical Observations made in, xi.	..	..	49
——— Antiquities of, iii.	..	..	321
Agate Splinters found in the clay stratum bordering the river Narbudda, Account of certain, xiv.	..	..	756
Agathocles of Bactria, vi.	..	..	466
Agni Purana, Analysis of, i.	..	..	81

<i>Agra</i> , Meteorological Register kept at, xxii. 217-324-424-707,				
xxiii. (17) (34) (46) (54) (73), ..	..	Page	(81)	
<i>Agricultural products of India</i> , vi.	..	..	76	
——— and Horticultural Society's Proceedings, i.	214,	257		
——— implements of Nepal, vi.	..	..	957	
<i>Ahom</i> , A branch of the Tai family, vi.	..	..	18	
——— extract, Translation of an, vi.	..	..	980	
——— Noble, Description of the Tomb of a, xvii.	..	..	473	
<i>AIKIN</i> , A. Indian Arts and Manufactures, ii.	..	..	209	
<i>Ailurus Porcula</i> and <i>Stylocerus</i> , Anatomy of, xvii.	..	..	475	
——— Addendum on the Anatomy of, xvii.	..	..	573	
<i>Aiswarika System</i> , v.	..	..	75	
<i>Ajanta</i> , Description of Caves at, v.	..	..	557	
<i>Ajaib al Mukhlukat</i> , Notice of the, xiii.	..	..	632	
<i>Ajmur</i> , Copper Mines at, iv. 295,	..	..	582	
<i>AKBAR</i> , Canal Act of the Emperor, with some notes and remarks on the History of the Western Jumna Canals, xv.	..	213		
<i>Albatross</i> , Natural History of the, iv. 106, ..	..	..	171	
——— Observations on the, iv.	..	..	106	
<i>ALEXANDER THE GREAT</i> , Exploits on the Western Bank of the Indus, viii.	..	..	304	
——— Place of his passing the Indus, v.	..	..	472	
——— Supposed descendants of, iii.	..	..	76	
——— Site of the altars of, vi.	..	..	57	
——— and <i>PORUS</i> , some account of the Battle Field of, xvii.	..	619		
——— conjectures on the march of, v.	..	..	387	
——— <i>JAMES</i> , On the tenures and fiscal relations of the owners and occupants of the soil in Bengal, Behar and Orissa, xiv.	..	..	527	
<i>Alexandria ad Caucasum</i> Conjectures on, v.	..	..	8	
——— whether Iskardoh, iv.	..	..	589	
<i>ALI MARDAN KHAN</i> 's Canal, ii.	..	..	109	
<i>ALI VERDI KHAN</i> , The Mausoleum of the Nawabs Soorajood Dowlah and, xxi.	..	..	504	
<i>Alif Leila</i> , Complete manuscript of, v.	..	..	514	
<i>Allahabad</i> , Population of, i.	..	..	34	
——— Census of, iii...	..	..	244	

<i>Allahabad</i> , Note on a Pillar found in the Ganges near Pubua and of another at Kurra near, viii.	..	Page	681
_____, Meteors observed at, xi.	..	..	959
<i>Allepo</i> , Arabic Works in a Library at, xxiii.	..	..	44
<i>Alliteration</i> , an Essay on Sanskrita A.'R. xx.	..	..	135
<i>Alluvium</i> , Calcutta, Section of, ii.	..	..	369
<i>Almanac</i> , Contents of the New Nautical, i.	..	..	570
<i>Almorah</i> and <i>Gangri</i> , Explanation of the Elevations of places between, xvii.	..	..	527
_____, Journal of Capt. Herbert on a Tour from, through parts of the province of Kemaon and British Gurhwal, chiefly in the centre of the Hills, xiii.	..	..	734 ✓
<i>Alphabet</i> , recovery of the Lát, vi.	..	..	475
_____, of Amarávati vi.	..	..	222
_____, of Sind and Marwar, vi.	..	..	352
_____, Indian and Greek, compared, vi.	..	..	391 ✕
_____, of Ahom and Khamti, v.	..	..	757
_____, of the Tai language, vi.	..	..	17
_____, of Maldavi, v.	..	..	794
<i>Altitudes</i> , on the difference of Morning and Evening, i.	..	202	
<i>Alum</i> , Native, of Nepal, ii.	..	..	482
<i>Amarávati</i> , Alphabet of, vi.	..	..	222
<i>Ambala</i> , Meteorology of, iv.	..	..	405
<i>Amber</i> mines of Ava, described, vi.	..	..	274
<i>Amerapura</i> , route to Pekin from, vi.	..	..	545
<i>American Lamp Liquid</i> , Analysis of, iv.	..	..	512
<i>Ammonites</i> , Note regarding, iii.	..	..	303
/ <i>Amulets</i> in use by the Trans-Himalayan Boodhists, ix.	..	904	
<i>Anahid</i> distinguished from Nanaia, v.	..	..	267
<i>Analyses</i> of Ashes of Plants, ii.	..	..	322
_____, of Soils, ii.	..	..	434
_____, of Books ii. 380, 417, 551, ..	..	..	597
<i>ANDERSON</i> Wm. Attempt to identify some of the places men- tioned in the Itinerary of Hwian Thsang, xvi...	..	1183	
_____, Notes on the Geography of Western Afghanistan, xviii.	..	..	553
_____, Ibn Howkul's Account of Khorasan, xxii.	..	..	152

ANDERSON, Wm.	Ibn Howkul's Account of Seestan, xxi.	Page	365
——— ditto of Scinde, xxi.	.. .. ..	49
——— Sketch of the Recorded Revenues of the States beyond the Sutlej about 1750 to 1800, xviii.	.. .. ..	822
Aneroid, on the adaptation of the, for the purposes of surveying in India, xx.	.. .. ..	320
——— and Marine Barometers and Sympiesometers in Cyclones, On the comparative action of the, xx.	.. .. ..	219
Angami Hills, and other parts of Upper Assam, Extract from a Memoir of some of the Natural productions of the, xvii.	.. .. ..	57
Anglometer, Cowles', Description of, i.	.. .. ..	551
Angular, Geometry, Remarks on the Essay on the Theory of, xi.	.. .. ..	240
——— Geometry, On the Theory of, xi.	.. .. ..	230
Ankoy Tea Hills, Visit to, iv.	.. .. ..	95
Annealing, Effects of, On Metals, ii.	.. .. ..	141
Annual Report of the Asiatic Society, Vide Proceedings.			
Annuities, Tables of Mortality according to the experience of the Bengal Civil Service with the values of, xix.	.. .. ..	250
Antelope Hodgsonii, Further illustration of, i.	.. .. ..	59
———, Tibetan, Description of a new species of, xv.	.. .. ..	334
——— of Nepal, iv.	.. .. ..	487
Anthracite Coal of Duntinnapilly, x.	.. .. ..	341
Antiochus the Great, Discovery of name of, vii.	.. .. ..	156
Antimony, Ores of, at Moulmein, v.	.. .. ..	272
Antiquities of Afghanistan, iii.	.. .. ..	321
——— of the Districts within the Bhopal Agency, &c., Notes on the, xvi.	.. .. ..	739
——— Oriental Character of certain Northern, On the, xxi.	.. .. ..	127
——— Described, by the Bombay Society, v.	.. .. ..	311
——— of Bamian, v.	.. .. ..	707
Appendix to Mr. Blyth's Report for December Meeting 1842 (continued from vol. xii. p. 1011), xiii.	.. .. ..	361
Aqueous Vapour in the Atmosphere and the Temperature of the Dew point by Observations of a dry and wet bulb Thermometer. Tables for determining the computed Elastic Force of, agreeably to Dr. Apjohn's Hygrometric formula, under the direction of Capt. J. T. Boileau, xiii.	.. .. ..	135

			Page
Arabian Nights Entertainments, Defence of new edition of			
the, vi.			161
Arabian Nights Entertainments, v.			514
Arabic Nautical Instruments, v.			789
——— Work on Navigation, v.			441
——— Language, Observations on the Physiology of the, xx.			115
——— Gravestone, Inscription on, vi.			873
——— Works preserved in a Library at Aleppo, List of, xxiii.			44
Arabs, some Original Passages on the early Commerce of the, xiii.			519
Arbelon Problem, Abdul Majid's Note on the, i.			208
Arch, Gigantic Natural, iii.			55
Archæological Investigation, Proposed, xvii.			535
Architecture, as exhibited in the temples of Kashmir, an Essay on the Arean Order of, xvii.			241
Architectural remains, Proposed Publication of Plates of Hindu, viii.			384
Architecture, on the Buddhist Emblems of, xiv.			623
Arctonix Collaris or Sand Hog, Note on the Dissection of the, viii.			408
Ardokro Coin, Imitations of, v.			643
Arian Order of Architecture as exhibited in the temples of Kashmir, An Essay on the, xvii.			241
Armenia Hindu Colony in, v.			331
Armenian Historical extract, vi.			81
——— Church, Sketch of 136, v.			153
——— Era, Origin of, v.			384
——— Alphabet, On the Invention of the, xiv.			522
Armenians, Laws and Books of the, x.			235
ARNOTT's Physics, Further Strictures on, by D. B. i. ..			422
Arracan, Heuma or Shendoos, a tribe inhabiting the Hills north of, Notes on the, xxi.			207
Arracan, Account of, x.			679
Arracan, History of, iv.			266
——— Historical Coins of, xv.			232
——— On the History of, xiii.			23
——— Mode of Tattooing at, iv.			206
——— Symbolical Coins of, xv.			238

		Page
<i>Arsaces, Anecdote of</i> , vi.	.. ..	81
<i>Arsenical Poisons, On the Detection of</i> , viii.	.. ..	147
<i>Artonix, Species of</i> , vii... ..	.. ..	732
<i>Arts, Indian, Notices of</i> ii. 158-299,	.. ..	249
— of Nepal, v. .. ..	.. ..	219
<i>Ashergurk, Seal found at</i> , v. .. ..	.. ..	482
<i>Ashmolean Society, Questions from</i> , iv. .. ..	.. ..	295
<i>Asiatic Society of Bombay, Anniversary Address to the</i> , v. .. ..	.. ..	304
————— of Bengal, vide Proceedings.		
————— Physical Class i. 74, 157, 248, 363, 472,	.. ..	560
<i>Asoka, Period of his reign</i> , v. .. ..	.. ..	521
————— Monuments of, vi. 791, .. ..	.. ..	803
<i>Asphaltic Mastic, to Flooring, Roofing and Hydraulic works in India, Memoir on the application of</i> , xii. .. ..	.. ..	534
<i>Assam, Earthquakes and other remarkable occurrences in, from January 1839 to September 1843, Memoranda of</i> , xii. .. ..	.. ..	907
————— On the Petroleum Beds of, xiv. .. ..	.. ..	817
————— Mahapurushyas a Sect of Vaisnavas in, xx. .. ..	.. ..	455
————— Geography of Upper, vi. .. ..	.. ..	325
————— Notice of the Deo Monnees or Sacred Beads, xvi. .. ..	.. ..	713
————— Report on the Manufacture of Tea and on the extent and produce of the Tea Plantations in, viii. .. ..	.. ..	497
————— Extracts from the Narrative of an expedition into the Naga Territory of, viii. .. ..	.. ..	445
————— Fossil Shells of, v. .. ..	.. ..	519
————— Mountain tribes of, v. .. ..	.. ..	193
————— Ancient Language of, vi. .. ..	.. ..	18
————— Natural History, Specimens of, iv. .. ..	.. ..	587
————— Tea Plant, Natural History of, 42, iv. .. ..	.. ..	48
————— Silk Worms of, vi. .. ..	.. ..	21
————— Coal discovered in, iv. .. ..	.. ..	704
————— Tea Plant discovered in Upper, iv. .. ..	.. ..	42
————— Ancient land grants on copper plates, lx. .. ..	.. ..	766
<i>Associate Members, Resolution regarding</i> , iv. 236, .. ..	.. ..	287
<i>Astrolabe, Herat, described in No. 118 of the Journal Observations on the</i> , xi. .. ..	.. ..	720
————— Persian Description of a, x. .. ..	.. ..	759

	Page
Astronomical Instruments, Correction of, iv. ..	258
Instrument presented by Ram Singh of Khota to the Government of India, Description of an, viii. ..	831
Observations, Madras, ii. ..	380
Observations at Bareily, ii. ..	318
Astronomy, Report on, ii. ..	48
Review of Airy's Essay on, iii. ..	251
Asurhar, Note Regarding, iv. ..	707
Atmospherical Phenomena, iii. ..	345
Phenomena observed at Darjiling in the Hima- layah Mountains, during the summer of 1852, Notes upon some, xxiii. ..	49
Attock, Marble slab from, vi. ..	876
Attraction, On the Laws of, ii. ..	441
Ava, Richardson's Route from, ii. ..	59
fossils, On new site of, vi. ..	1099
Fossil Bones, On, iii. ..	403
Mines of, ii. ..	75
frontier, Geography of the, iii. ..	124
Minerals from, i. 14,	305
Japanned ware of, i. ..	169
Amber mines of, vi. ..	274
Coal from, xxiii ..	477
Avatars of Vishnoo, An abstract account of the, from the Pudma Pooran, xi. ..	1112
AVDALL, J. Esq. Translations by, vi... ..	81
Notes on extracts from the work of Moses Khorenensis on the Geography of Western Afghanistan, xviii.	588
Singular narrative of the Armenian king Arsaces and his contemporary Sapor king of Persia, extract- ed from the Armenian Chronicles, vi. ..	81
On the Laws and Law Books of the Arme- nians, x. ..	235
A short memoir of Mechithar Ghosh, the Armenian Legislator, ix. ..	967
Note on the origin of the Armenian Era and the Reformation of the Haican Kalendar, v. ..	384

	Page
AVDALL, Memoir of a Hindu Colony in ancient Armenia, v.	331
——— Note on some of the Indo-Scythic coins found by Mr. O. Masson at Beghram in the Kohistan of Kabul, v.	266
——— Memoir of the Life and Writings of St. Nierseus Clajensis, surnamed the Graceful Pontiff of Armenia, v. ..	129
Ayoon-ool Hisab, Extract from, ii,	552
Azimghur, Report on the Settlement of the ceded District of, viii.	77
Bactria, Cabul, and India, History of the Greek and Indo-Scythian Kings, as illustrated by decyphering the ancient legends on their coins, ix. 18, 1217, 38, 251, 339 449, 627—733	
Bactria, Discoveries regarding, iii.	155
Bactria, History of, iv.	339
——— Punjab and India, Ancient Gems and Seals from, x. ..	147
Bactrian coins, Notes on, ix.	531—1217
——— Notice of some counterfeit, ix.	393
——— Second notice of some new, xi.	130
——— and relics, vii.	1047
——— Note on, ii. 37, 312, 405 iii. 247, 331, 364	
iv.	327
——— Numismatic Society of London, x. ..	345
——— Description of, and deductions from, a consideration of some new, ix.	867
BADDELEY, P. F. H. On Dust Whirlwinds and Cyclones, xxi. 140, 264,	333
——— On the Dust Storms of India, xix. ..	390
BÁHÁWAL KHAN, Account of, vi.	188
Bahrabad, Topes of Darounta and Caves of, x. ..	381
Bajgah, Fossil Shells discovered at, ix.	1126
BAKER, W. E. Note on a Fossil Antelope, from the Dadupur Museum, xii.	769
——— On the Fossil Elk of the Himalaya, iv. ..	506
——— Selected specimens of the Sub-Himalayan Fossils in the Dadupur collection, iv.	565
——— Note on the Fossil Camel of the Sub-Himalayas, iv.	694

BAKER, W. E. Description of the Fossil Elephant's Tooth from Somrotee near Nahure, iii.	Page	638
————— Report on a line of levels taken by order of the Right Honorable the Governor General between the Jumna and Sutlej rivers, ix.		688
————— Memorandum on the prospect in working the Iron-mines of the Raneegunge District, with a Report on the same subject by Professor Oldham. xxii.		484
————— and H. M. DURAND, Sub-Himalayan Fossil Remains of the Dadupur Collection, v. 486—661—579—739—291		
———— Rev. On the Poetry of Madagascar, i.		86
BALAMY 's translation of the History of Tabary and Ghazzaly's History of the Prophets, xvii.		437
Balabhi dynasty, History of the, iv.		480
Balantium becarinatum, vi.		151
BALFOUR, E. Esq. , on the Migratory Tribes of Natives in central India, xiii.		1
<i>Balkh</i> , Description of, ii.		14
Ball Coal of the Burdwan Mines, Examination and analysis of the, xvii.		59
—————, a third notice on the, xix.		75
Ballads and Legends of the Punjab, On the, xxiii.		59
————— of the Punjab, on the Refacimento of the Legends of Russaloo, xxiii.		123
Balloon, Ascent of, at Calcutta, v.		255
<i>Baloochisthan</i> , Notes taken on a Tour through parts of, in 1838 and 1839, xiii. 667,		786
<i>Bameean coins</i> , Note on, ix.		70
<i>Bameana</i> , Antiquities of, v.		707
————— Inscription at, v.		188
————— Extensive ruins near, v.		390
————— Idols, Account of the, ii.		561
————— Bos Gaurus, On, ix.		551
————— Coins found at, Account of, ix.		68
<i>Bancoora</i> , Climate of, ii.		383
————— Meteorological Tables kept at, i.		154
————— Ditto ditto, iii.		190

	Page
<i>Banda</i> , Report on the Statistics of, xix. ..	89
— district, Catalogue of Plants found in the, 1847-49, xxi. 24,	151
<i>Bangalore</i> , climate of, v... .	296
<i>Banyan Tree</i> in Mysore, ii. ..	47
<i>BARBE</i> , REV. M. Some account of the Hill Tribes in the interior of the district of Chittagong, xiv. ..	380
— Notices of the Nicobars, xv.	344
<i>Bareilly</i> , Astronomical Observations at, ii. ..	318
— Revenue of, iii.	475
<i>Baroda</i> , Account of Tamba Patra Plates dug up at, viii. ..	292
<i>Barometer</i> , Horary observations of, v. 51, 243, 298, 299, ..	300
<i>Barometer</i> in Calcutta, &c. i.	31
— Influence of the moon on the, iv.	252
— Horary Observations of, iv.	514
— Fall of, at Macao, vi.	619
— Influence of moon's declination on, v.	585
— Tables for determining heights by the, xix. ..	394
— Error of new standard, v.	244
— Range of, at Berhampoor, i... ..	73
— Wet, Theory of, ii. 260,	644
— On Compensation, ii.	258
— Observations on, at the fortress of Cavite, i. ..	74
— Thermometrical, ii.	194
— Comparative range in various places, v. ..	816
— at Veracruz, i.	73
— Extraordinary Fall of, ii.	427
<i>Barometers</i> , Method of determining the neutral point of, xvii, ..	533
— Remarks on the Construction of Newman's improved portable, and on the mode of renewing the Gauge point when lost, x.	957
<i>Barometric Waves</i> in a Cyclone, Geometrical measurement of the distance from crest to crest of, xxii.	77
— Observations, Remarks on some of the disturbing causes in, xii.	293
— heights, On, xii.	298
<i>Barometrical Elevations</i> , ii. 621,	643

	Page
Barometrical, Elevations in Nepal, vi.	696
————— altitudes of the Burenda pass, vi.	937
————— and Thermometrical Observations in Affghanistan, Tables of, xi.	49
————— Observations, An account of the Table used for re- ducing, to 32° Fahrenheit, xxi.	329
————— Altitude of Lahore, i,	22
————— Observations taken to ascertain the altitude of the station of Purulia in the Ramghur district, xii.	226
Barrackpore, Base measured of, i.	72
Barramahal Soda Soils, Report on the, x.	159
Barren Island, Account of, i.	128
BARROW, H. Horary observations of the Barometer, Thermo- meter and Wet Bulb Thermometer, made at Calcutta on the 21st and 22nd of December, 1835, v.	51—243
Basaltic tract near Nagpur, v.	110
Baselosaurus, a new fossil, v.	254
Bat described as Tapozous Longomanus by Gen. Hardwicke, Descriptive notice of, xi.	784
— of the genus tapozous, Descriptions of three Indian species, x.	971
Bat, Descriptive Notice of described Taphozous longimanus, by Genl. Hardwicke, xi.	784
Bats of the genus Megaderma, Notice of the predatory and san- guivorous habits of the, with some remarks on the blood-suck- ing propensities of other Vespertilionidæ, xi.	255
Batavian Researches, Analysis of, ii.	597
BATTEN, J. H. Esq. Journal of Capt. Herbert's Tour from Almorah in a N. W. and S. W. direction through parts of the Province of Kumaon and British Gurhwal, chiefly in the centre of the hills, xiii.	734
————— A few notes on the subject of the Kumaon and Rho- hilcund Turaee, xiii.	887
————— Extract from the journal of J. Weller on a trip to the Vulcha and Unta Dura Passes, xii.	78
Battle Field of Alexander and Porus, Some account of the, xvii.	619

		Page
Buddha worship, Classified objects of, v.	..	94
<i>Bay of Bengal</i> , Note to accompany a Chart of the, with the average courses of its hurricanes from A. D. 1800 to 1846, xvi.	.. .. .. .. ..	847
BAYLEY , E. C. Esq. Note on some Sculptures found in the district of Peshawar, xxi.	.. .. ..	606
————— Note on two Inscriptions at Khunneara in the Kangra district, xxiii.	.. .. ..	57
Beams, Table of Scantings of, iv.	.. .. ..	227
BEALE , J. W. Esq. Influence of the moon on the weather, xxi.	.. .. ..	501
BEDFORD , J. R. Esq. On the Meteorology of Rampur Bauleah, xxi.	.. .. ..	593
————— Contribution to the Statistics of Bengal, xxii.	.. .. ..	387
Bees' Love for Mango, ii.	.. .. ..	355
<i>Beerbboom</i> , On the Iron Works of, xiv.	.. .. ..	754
<i>Beghram</i> , Gems found at, x.	.. .. ..	613
————— Tope and city of, v.	.. .. ..	5
————— On ancient coins of, v.	.. .. ..	1
<i>Behar</i> Mica mines, A Sketch of the, xx.	.. .. ..	295
————— Note on an Inscription from, xvii.	.. .. ..	492
————— Geological features of zillah, xv.	.. .. ..	55
————— Notice of inscriptions in, viii. 347, ix.	.. ..	65
————— Notes on places in the Province of, supposed to be those described by Chy Fa Hian, the Chinese Buddhist Priest, who made a pilgrimage to India at the close of the fourth century, A. D., xvi.	.. .. ..	953
————— Sanskrit inscription from, xvii.	.. .. ..	492
<i>Behat</i> , ancient town of, iii.	.. .. ..	43
<i>Bellary and Byapore</i> , Notes, principally geological, on the tract between, xi.	.. .. ..	929
Bells, Inscriptions on two Arracan, vi.	.. .. ..	1064
<i>Bengares</i> , Geological Remarks during the march from, (old road) viâ Hazareebaugh, Bankoora and Burdwan to Barrack-pore, xiii.	.. .. .. ..	862
————— Ancient gold coins found near, in 1851, xxi.	.. ..	390

<i>Bendkar, a people of Keonjur, Notes on the, xi.</i>	206
<i>Bengal, Coins of the Independent Muhammadan Sovereigns of, xv.</i>	323
<i>— and China, Short survey of the countries between, showing the great commercial and political importance of the Burmese town of Bhamo on the upper Irrawaddy, and the practicability of a direct trade, overland, between Calcutta and China, xvii.</i>	132
<i>BENSON, W. H. Esq., Description of two new species of Cariaria, lately discovered in the Indian Ocean, iv.</i>	215
<i>————— Extracts from Proceedings of the Zoological Society of London, 1834, iv.</i>	528
<i>————— Notice on Balantium, a genus of the Pteropodous Mollusca, with the characters of a new species, inhabiting the Southern Indian Ocean, vi.</i>	150
<i>————— Descriptive Catalogue of a Collection of land and fresh water shells chiefly contained in the Museum of the Asiatic Society, v.</i>	741
<i>————— Description of the Shell and Animal of Nematura, a new Genus of Mollusca, inhabiting situations subject to alterations of fresh and brackish water, v.</i> ..	781
<i>————— Corrected character of the genus Cuvieries of Rang, and notice of a second species inhabiting the tropical Indian Ocean, iv.</i>	698
<i>————— Account of a new genus of land snails allied to the genus Cyclostoma of Lamarck, with a description of a species found on the outlying rocks of the Rajmahal range of hills, i.</i>	11
<i>————— Note on the Genera Oxygyrus and Bellerophon, vi.</i>	316
<i>————— Notes on the Rev. F. Mason's paper on the Shells of the Tenasserim Provinces, xviii.</i>	164
<i>————— Account of Oxygyrus, a new Genus of Pelagian shells allied to the Genus Atlanta of Lesueur, with a note on some other Pelagian shells lately taken on board the ship Malcolm, iv.</i>	173
<i>————— Descriptive Catalogue of Terrestrial and</i>	

Fluviate Testacia, chiefly from the North-east Frontier of Bengal, v.	.. .. ..	Page	350
BENZA, P. M. Geological Sketch of the Neilgherries (Nilgiri) iv.		413	
Berlin, Academical Prize question of, i.	.. .. ..	36	
Betteah, inscription at, iii...	.. .. ..	245	
BETTS, C. Esq., Hot spring at Pachete, ii.	.. .. ..	46	
Beylah, Account of a Journey to, viii.	.. .. ..	184	
Bhabra, Inscription found near, ix...	.. .. ..	616	
Bharatpur, marriage at, ii.	.. .. ..	273	
Bhāgalpur, a short notice of an ancient Colossal Figure, Carved in Granite on the Mandar Hill, in the District of, xx.	.. .. ..	272	
Bhar and Simlah, Remarks on the Geology, &c. of the country between, viii.	.. .. .. ..	1037	
Bhascara Acharya Siddhanta Sheromani sic dicti operis pars tertia Gunitadheam sive astronomiam contenens Latine vertit notasque adjecit, E. Roer, xiii.	.. .. ..	53	
Bhilsa, Monument at, iii. 488, 411, iv.	.. .. ..	712	
Bhitari Lath, Description of, v.	.. .. ..	661	
————— Inscription on, v.	.. .. ..	303	
Bhojpur Lingam, xvii.	.. .. ..	154	
Bhopal, Copper plate grant from, v...	.. .. ..	377	
————— Agency, Notes on the Antiquities of the Districts within the, xvi.	.. .. .. ..	739	
Bhōragurh, Coal of, iii.	.. .. ..	395	
Bhotian Banner Inscription, Translation of, v.	.. .. ..	264	
Bhurja, Mountain Birch, ii.	.. .. ..	337	
BEGGE, H. Despatch to Capt. Jenkins on the Naga hills, x...	.. .. ..	129	
Byapore to Bellary via Kannighiri, Notes principally Geological, from, xi.	.. .. .. ..	941	
Bibliographical Notices, xxiii.	.. .. ..	174	
Billa Soorgum, Osseous Breccia and Deposit in the caves of Southern India, Note on the, xiii.	.. .. ..	610	
BIOT's Notes on Babbage's Decline of Science in England, i...	.. .. ..	206	
BIRD, J. Opening of the Topes at the Caves of Kanuri near Bombay, and the Relics found in them, x.	.. .. ..	94	
————— On the Historical Geography of Hindustan and on the origin of the social state among the Hindus, ix.	.. .. ..	848	

	Page
<i>Birabhum</i> , Birds of, ii.	569
Bird-devouring habits of a species of spider, Note on the, xix.	474
Bird, Note on an undescribed, native of the eastern islands, x.	573
Birds, New or little known, Notices and descriptions of various species of, xiv. 173, 546 xv. 1—280 ; xvi. 117,	428
—— Two new species of meruline, viii.	37
—— in the Museum of the Asiatic Society, Catalogue of, x. 628 xviii.	1000
—— Distribution of European, viii.	21
—— in Dholbhumi, Catalogue of, ii.	569
—— Remarks on the modes of variation of nearly affined species or races of, xix.	221
—— Catalogue of Indian, i. 261,	313
—— Mode of preserving, iv.	465
—— of the Dukhun, iii. 418, 536, 597,	639
Bivalves, Natural History of New Indian, iv.	450
BLAND , W. Notes on Delhi, Point Pulo, Tinghie, &c. and on some Pelagic Fossil remains found in the rock of Pulo-Ledah, v.	575
—— Note on the Pterocyclos of Mr. Benson and Sperculum of Mr. Pearson, v.	783
—— Note on the Malay Woodpecker, vi.	952
Blindness, effects of, restoration from, described, vi. ..	47
BLUNDELL , E. A. An account of some of the petty states lying north of the Tenasserim Provinces drawn up from the Journals and Reports of D. Richardson, Esq. v.	688
—— Specimen of the Burmese Drama, translated by J. Smith, viii.	535
—— An account of some of the petty states lying north of the Tenasserim Provinces drawn up from the Journal and Reports of D. Richardson, Esq. Surgeon to the Commissioner of the Tenasserim Provinces, v.	601
BLYTH , E. Esq., Description of a new species of Mole, xix. . .	215
—— Remarks on the modes of variation of nearly affined species or races of Birds, xix.	221
—— Conspectus of the Ornithology of India, Burmah, &c. xix. 229, 319,	501

BLYTH, E. Esq., Supplement to the Monograph of the Indian and Malayan species of Cuculidæ, or Birds of Cuckoo family published in vol. xi. pp. 897, 1095, et seq., xii.	Page	240
————— Appendix to Report for December Meeting, 1842, continued from vol. xii. p. 1011, xiii.		361
————— Notices of various Mammalia, with descriptions of many new species, xiii.		463
————— On the Leiotrichane Birds of the Sub-Himalayas, by B. H. Hodgson, Esq. with some additions and annotations.—A Synopsis of the Indian Pari, and of the Indian Fringillidæ, xiii.		933
————— Notices and Descriptions of various New or Little known Species of Birds, xiv. 173, 546 ; xv. 1—280 ; xvi. 117,		428
————— Description of Caprolagus, a new Genus of Leporine Mammalia, xiv.		247
————— Note on the Sciuri inhabiting Ceylon and those of the Tenasserim Provinces, xviii.		600
————— A general Review of the Species of True Stag or Elaphoid form of Cervus, comprising those more immediately related to the red deer of Europe, x. ..		736
————— Indian and Malayan species of Cuculidæ, a Monograph of the Birds of the Cuckoo family, xi. ..	897,	1095
————— a supplemental note to the Catalogue of the Birds in the Museum of the Asiatic Society, xviii. ..		800
————— Supplementary Report of the Curator of the Zoological Department, xvi.	728, 863,	992
————— Notes on the Nicobar Islands, xv. ..		367
————— A Monograph of the Species of Wild Sheep, x. ..		858
————— Notes on various Indian and Malayan Birds, xi.		160
✓————— Some further Notices of the Species of Wild Sheep, xvi.		350
————— Remarks on the different species of Orang-utan, xxii.		369
✓————— Drafts for a Fauna Indica, comprising the Animals of the Himalaya Mountains, &c. xiv. ..		845

BLYTH, E. Esq. Description of another new species of Pika (<i>Lagomys</i>) from Himalaya, x.	Page	816
_____- Notices and Descriptions of various reptiles, new or little known, xxii.		639
_____- Descriptions of three Indian Species of Bat of the genus <i>Taphozous</i> , x.		971
_____- Monthly Report for December Meeting 1842, with addenda subsequently appended, xii.		925
_____- Notice of a Collection of Mammalia Birds and Reptiles procured at or near the station of Cherra Punji in the Khasia Hills, North of Sylhet, xx.		517
_____- Report on the Mammalia and more remark- able Species of Birds inhabiting Ceylon, xx.		153
_____- A Monograph of the Species of Lynx, xi.		740
_____- Notice of the predatory and sanguivorous habits of the Bats of the Genus <i>Megaderma</i> , with some re- marks on the blood-sucking propensities of other Vesper- tilonidae, xi.		255
_____- A Monograph of the Indian Species of Phyl- loscopus and its immediate Affines, xxiii.		479
_____- Notices and Descriptions of various Reptiles, new or little known, xxiii.		287
Boa, description of the Indian, vi.		528
Boats, Calculated tonnage of, iii.		136
Bohras, Early history of the, vi.		842
BOILEAU, T. J. Tables for determining the Elastic Force of Aqueous Vapour in the Atmosphere and the Temperature of the Dew Point, by observations of a dry and wet bulb Thermometer, computed agreeably to Dr. Apjohn's Hygro- metric formula, under the direction of, xiii.		135
_____- Observations of Meteors on the night between the 12th and 13th November, 1841, made at the Magnetic Observatory at Simla, x.		964
_____- Mr. Ivory's Tables of mean Astronomical re- fractions, revised and augmented, xiv.		1
_____- Remarks on the Construction of Newman's		

		Page
improved Portable Barometer and on the mode of renewing the guage point when lost, x.	..	957
BOILEAU, J. T. Description of a Sun Dial in the Court of the		
Moti Musjid in the Fort of Agra, ii.	..	251
Boilers, Earthy crust in, iii.	..	479
<i>Bokhara</i> to Meshid, Gerard's Route from, ii.	..	143
——— Burns' Description of, ii. . .	..	224
——— Gerard's account of, ii. ..	..	21
<i>Bombay</i> , Geology of, iv.	..	530
——— Harbour, Rise of Spring tides in, ii.	..	247
——— Trappean Rocks of, iv.	..	530
Bones in Hyderabad Caves, ii.	..	77
——— in delta alluvium, ii.	..	649
——— Fossil of Jabalpur, ii. 151, 205,	..	586
——— Human, in France, ii.	..	632
——— of the Jamna, ii. . .	..	629
BONITE , Magnetic Observations by la, vi.	..	319
Books, Notice of New, iv.	..	411
——— List of Chinese, v.	..	247
Boorun and Shatool Passes over the Himalaya, Diary of an		
Excursion to the, in September, 1845, xv.	..	79
Bootan , Journal of the Mission which visited, in 1837-38, viii.		
208, ..	..	251
——— Memorandum on the Bora Chung of, xi.	..	963
Bora Chung or Ground Fish of Bootan, Note on the, viii.	..	551
——— —— of Bootan, Memorandum on the, xi.	..	963
Boring Experiment in Fort William, Report on, i. 250, 303,		
ii. 369, vi. 234, ..	..	498
——— at Jamutra in Cuch, iii.	..	40
——— Instructions regarding, iv. ..	..	235
——— for water, Report on, v. ..	..	374
——— at Goga, Section of, vi.	..	786
Bos Gaurus , On, by Dr. Spilsbury, ix.	..	551
——— (from Madras Journal of Literature,) x.	..	579
——— Dr. G. Evans, On, vi. ..	..	223
Boston Ice , Trade of, ii. . .	..	491
Botanic Garden at Seharanpur, Account of, i,	..	41

	Page
Botany, Indian, i.	131
——— Notice of, ii.	156
Botanical Discoveries in Assam, v.	674
——— collection from the Eastward, xxiii.	623
Botany of Sylhet, v.	570
Boundary between the territories of Maharajah Gulab Singh and British India as determined by the Commissioners, P. A. Vans Agnew, Esq., and Capt. A. Cunningham of Engineers, Memorandum on the, xvii.	295
BOULDERSON, H. S. Abstract Statement of the Settlement under Regulation VII. of 412 Villages in Zillah Bareilly 1822, iii.	475
——— Abstracts of a Meteorological Register kept at Caineville Mussooree, (Masuri) iv.	230
——— Astronomical Observations at Bareilly, ii.	318
——— Meteorological Register at Bareilly in 1831, ii.	641
Bovine genera, Illustrations of the, Part I. Skeletons of Bos, Bebos and Bison, the individuals examined, being the common Bull of Nepal, the Gowri Gao of Nepal and the Yak, x.	449
BOWMAN, J. J. R. Narrative of facts attending the Wreck of the Transport <i>Indian Oak</i> on the Loochoo Islands, ix. ..	916
BOWRING, L. Esq. Descriptive Notice of the District of Jhelum, xix.	43
BOYES, W. J. E. CAPT. Extract from Note Book regarding the Genus Paussus, xii.	421
Brahminical Conquerors of India, Some conjectures on the progress of the, xix.	1
Brahma Vaivartta Purána, i.	217 X
Brahmanism older than Buddhism, v.	31
Brahooes, Note on the, x.	136
Brahmaputra, Survey of, suspended, iv.	63
BRETT, F. H. Concerning certain interesting Phenomena manifested in individuals born blind, and in those having little or no recollection of that sense on their being restored to sight at various periods of life, vi.	47

BREWSTER, D. On the Action of Various Lights upon the Retina, ii.	..	..	Page	494
Bridge, Suspension, at Sagur, ii.	538	iii.	..	206
———— rustic, ii.	..	..	..	267
———— over the Mussi of Hyderabad, i.	..	..	..	17
———— Suspension, at Trebourg, v.	..	..	..	318
Bridges, Tables of Suspension, iv.	..	..	..	222
Brimhan Ghat on the Nerbudda to Umur Kuntuck, March from, ix.	..	..	..	889
Brine, spontaneous heating of, vii.	..	..	..	1014
—— Heat observed in, vii.	..	..	..	207
British Association, Recommendations of the, i.	..	..	..	306
———— Association, the Meeting of, iii.	..	..	..	250
———— India, Committee of the, i.	..	..	..	568
BRODIE, CAPT. —Narrative of a Tour over that part of the Naga Hills, lying between the Diko and Dyang river, xiv.	..	..	828	
BROOKE, W. C. Note on the Zinc Mines of Jawar, xix.	..	..	212	
BROOME, A. AND A. CUNNINGHAM , Abstract Journal of the Routes to the Sources of the Punjab Rivers, x.	..	..	1	
BROWN, N. Comparison of Indo-Chinese Languages, vi.	..	..	1023	
———— Alphabets of the Tai Language, vi.	..	..	17	
———— Memorandum of various Phenomena in Assam, 1843, xii.	..	..	..	909
BROWNLOW, C. Note on the occasional existence of fresh water on the surface of the ocean, v.	..	..	239	
BRUCE, J. G. A Letter on the Nurma Cotton of Bundelcund, x.	..	..	822	
———— C. A. Report on the Manufacture of Tea and on the extent and produce of the Tea Plantations in Assam, viii.	..	..	..	497
Bstan Hgyur , Abstract of the contents of the, A. R. xx.	..	..	553	
Buceros Homrai , Remarks on, i.	..	..	..	255
Bucephalia , Sculpture from the site of the Indo-Greek city of, xvi.	..	..	..	664
Buddha-ghoso , Mission of, to Ceylon, vi.	..	..	..	507
Buddha , Image of, iii.	362,	..	..	455
Buddhas , Ceylonese enumeration of, v.	..	..	..	321
Buddha doctrines , i.	..	..	..	6

<i>Buddha Gaya, Translation of an Inscription in the Burmese Language discovered at, in 1833, A. R. xx.</i>	Page
.. ..	161
<i>Buddhism, different systems of, vii. ..</i>	.. ..
.. ..	142
— A few Gleanings in, xvii. ..	.. ..
.. ..	591
— Quotations from Sanscrit authors on, v. 28,	.. ..
.. ..	71
— Review of, iii. 382, 425, ..	.. ..
.. ..	499
— Gleanings in or translations of passages from a Siamese version of a Pali Work, xvii. part ii. ..	.. ..
.. ..	72
— Indian, Review of E. Burnouf's Histoire du, xiv. ..	.. ..
.. ..	783
<i>Buddhist Coin or Medal, sent to the Society, through Captain Macleod, by H. H. the Prince of Mekkara, Remarks on a, xiii. .. .. .. ..</i>	.. .. .. ..
..	571
<i>Buddhist Image, inscription on, iv. 132,</i>	.. ..
.. ..	713
— Priests of Rainree, iv. 29, ..	.. ..
.. ..	91
— Monastery at Ningpo in China, an Inscription from a Tablet in a, xiii. .. .. .. ..	.. .. .. ..
..	113
— Remains in Scotland, iv. .. .. .. ..	.. .. .. ..
..	181
— Buddhist images discovered at Tagoung, v. .. .. .. ..	.. .. .. ..
..	157
— Sect of Sakya, ii. .. .. .. ..	.. .. .. ..
..	385
— Emblems of Architecture, On the, xiv. .. .. .. ..	.. .. .. ..
..	623
— Chinese account of India, vi. .. .. .. ..	.. .. .. ..
..	61
— Coins of Behat, iv. .. .. .. ..	.. .. .. ..
..	624
— Sacred Formula, iv. 196, .. .. .. ..	.. .. .. ..
..	713 +
<i>Building Materials of the District of Cuttack, forwarded to the Museum of Economic Geology with a set of specimens, Memorandum on, xi. .. .. .. ..</i>	.. .. .. ..
..	836
<i>BUIST, G. On the General Vibration or Descent and Up-heaval which seems, at a recent Geological period, to have occurred all over the Northern Hemisphere, xix. ..</i>	.. ..
..	302
— On the Encrustation of Steam Boilers and Pipes in India, xix. .. .. .. ..	.. .. .. ..
..	419
— On the Oriental character of certain Northern Antiquities, xxi. .. .. .. ..	.. .. .. ..
..	127
— Floods in India for 1849, xx. .. .. .. ..	.. .. .. ..
..	186
— On the adaptation of the Aneroid for the purposes of Surveying in India, xx. .. .. .. ..	.. .. .. ..
..	320
<i>Bukhara, Weights, measures, and coins of, vii. .. .. .. ..</i>	.. .. .. ..
..	892

	Page
<i>Bukhara, Coins of Cabul and,</i> vii.	892
<i>Bukur, Khyrpoor and the fortress of,</i> ix.	1187
<i>Bulcha, and Oonta Dhoora Passes, Journal of Lieut. J. A. Weller to the,</i> xii.	78
<i>Bundelcund, Nurma Cotton of,</i> x.	822
————— <i>Short Vocabulary of the Hinduvee Dialect of,</i> xii.	1086
————— <i>and Jubbulpore Memoranda on the Geology of,</i> xi.	392
————— <i>Notice of an Inscription on a slab, discovered in,</i> viii.	159
<i>Burdwan Mines, A third Notice on the Ball Coal of the,</i> xvii. 59; xix.	75
————— <i>Note on the smelting of the Iron ore of the district of,</i> viii.	683
<i>Burenda pass, Trip to the,</i> vi.	901
BURKE's, (Dr.,) Report on the value of life among H. M.'s troops in India, viii.	48
————— <i>Report on the value of life among the Officers and Men in H. Majesty's troops in India,</i> viii.	48
<i>Burma, History of,</i> iv.	401
<i>Burmese History, Extracts from,</i> vi. 121,	405
————— <i>Chronicles, Extracts from,</i> v.	158
————— <i>Varnish, Note on,</i> i.	110
————— <i>Books, Catalogue of,</i> v.	247
————— <i>Embassies to China,</i> vi. 121,	405
<i>Burma, Wars of the Chinese with,</i> vi. 121,	405
<i>Burmese Drama, translated by J. Smith, Esq., Specimen of the,</i> viii.	535
————— <i>Varnish, Free Observations on the,</i> viii...	70
BURN, A. Esq. On the Cotton called Numa, in Guzerat, in reply to Mr. Piddington's queries, xi.	290
BURNES, A., Some account of the Salt Mines of the Punjab, i.	145
————— <i>Description of the Salt Works at Panchapadder, Mewar,</i> ii.	365
————— <i>Account of an Earthquake at Lahore, on the 23rd January, 1832,</i> i.	34
————— <i>On the Colossal Idols of Bamiyan,</i> ii.	561
————— <i>Description of Bokhara,</i> ii.	224

	Page
BURNES, A., Account of the Jain Temples on Mount Abu in Guzerat, ii.	161
————— On the Topes and Grecian Remains in the Panjab, ii.	308
————— On the reputed Descendants of Alexander the Great, in the Valley of the Oxus, ii.	305
BURNEY, H. Some account of the Lacquered or Japanned Ware of Ava, i.	169
————— Discovery of Buddhist Images with Devanágari Inscriptions at Tagoung, the ancient Capital of the Burmese Empire, v.	157
————— Some account of the Wars between Burmah and China, together with the journals and routes of three different Embassies sent to Pekin by the king of Ava, taken from Burmese documents, vi. 121, 405,	542
————— Notice of Pugan, the ancient Capital of the Burmese Empire, iv.	400
BURT, J. S. Description of the Mode of Extracting Salt from the damp sand beds of the River Jumna as practised by the Inhabitants of Bundelkhund, iii.	33
————— Inscription found near Bhabra, three marches from Jeypore on the road to Delhi, ix.	616
————— Description of an Instrument for trisecting angles, i.	499
————— Notice of an Inscription on a Slab discovered in February, 1838, viii.	159
————— Inscription taken from a Baolee at Bussuntgurh, at the foot of the Southern range of hills running parallel to Mount Aboo, x.	664
————— Observations on a second inscription taken in facsimile from the neighbourhood of Mount Aboo, x.	821
————— Description with Drawings of the ancient stone pillar at Allahabad called Bhim Sen's Gadá or Club, with accompanying copies of four inscriptions engraven in different characters upon its surface, iii.	105
Buswapur, On the Western Coast, Notes chiefly geological, xv.	380

<i>Bussuntgurh</i> , Inscription taken from a Baolee at the foot of the Southern range of hills running parallel to Mount Aboo, x.	Page	664
<i>Búts of Bamian</i> , Description of the, ii. 7,		561
<i>BUTTER</i> , D. on the preparation of Opium for the China market, written in March 1835, and then communicated to the Benares and Behar Agencies, v.		165
<i>BUTLER</i> , J. Earthquakes in Assam, xviii.		172
<i>BUTTERWORTH</i> , HON. COL., Extract of a letter from, on the Singapore Inscription, xvii.		154
<i>Cabul</i> and Bukhara, Weights, measures and Coins of, vii. ..		892
——— Journal of a Tour to, iii.		175
——— and Peshawar Territories, Account of parts of the, xiv.		660
<i>Cachar</i> Timber trade, i.		305
<i>Calcutta to Sumbulpur</i> , Account of a Journey from, and from thence to Midnapur through the Forests of Orissa, viii. 367, 474, 606,		671
<i>Calcutta</i> , Meteorological Register for, Vide Meteorological Re- gister.		
——— Tides at, iii.		408
——— Section of Alluvium, ii.		371
<i>Calderite</i> , an undescribed Siliceo-Iron and Manganese Rock, On, xix.		145
——— Rocks, On a series of, xx.		207
<i>Cálidásá's Poem Uma</i> , ii.		329
<i>Camel's Wool</i> , On the Bactrian or two-humped (<i>Camelus Bac- trianus</i>) xi.		1182
<i>Camel Draught to Carriages</i> , Documents Relative to the Appli- cation of, viii.		591
——— Litters for the Wounded, Note on, viii.		702
<i>Camelidæ</i> , Fossil Remains of the Sewalik, ix.		620
<i>Camel</i> of the Sewalik Hills, Note on the Fossil, A. R. xix. ..		115
<i>CAMPBELL</i> , A. Diary of a Journey through Sikim to the Frontiers of Thibet, xxi.		563
——— On the Literature and Origin of certain Hill Tribes in Sikim, xi.		4

CAMPBELL, Abstract of Meteorological Register kept at the Cathmandu Residency, for July and August, 1837, vi. Page	889
A Note on the Limboos and other Hill Tribes hitherto undescribed, ix.	595
A Journal of a Trip to Sikim, xviii.	482
On the native Alum or Salajit of Nepal, ii. ..	482
Memorandum on the Bora Chung of Bootan, xi.	963
Answer to Mr. Piddington's Queries about Winds, Storms, &c. xix.	457
Notes taken at the post-mortem examination of a Musk Deer, 1834, vi.	118
Report of the Death of Csoma de Körös, made to G. A. Bushby, Esq. and communicated to the Society, xi.	303
Account of the Earthquake at Kathmandu, ii. 564—636	
On the Nepalese Method of Refining Gold, iii.. ..	622
Notes on the State of the Arts of Cotton Spinning, Weaving, Printing and Dyeing in Nepal, v.	219
Note on the Mechis, together with a small Vocabulary of the Language, viii.	623
Itinerary from Phari in Thibet to Lassa with appended Routes from Darjeeling to Phari, xvii. p. i. ..	257
Routes from Darjeeling to Tibet, xvii. p. ii. ..	488
Extract of a letter to the Hon'ble the President of the Asiatic Society, On Dr. Hooker's Travels in Sikkim, xvii. p. ii.	572
Note on the Lepchas of Sikkim with a Vocabulary of their language, ix.	379
Notice of the Nepalese Spirit Still iv. ..	282
Notes on the Musical Instruments and Agricultural and other Instruments of the Nepalese, vi.	953
Abstract of a Meteorological Register kept at the Cathmandu Residency for 1837, vi.	610
Letter on the Elevation of Peaks in the Himalaya, xvii. p. ii.	576
Note of the Salajit of Nepal, ii.	605
J. Report on the Soda Soils of the Barramahal, x.	159

	Page
CAMPBELL, J. Report upon the Manufacture of Steel in South- ern India, xi.	217
——— Report on the Kaolin Earth of Mysore, x. ..	163
——— Report upon the Construction of Philosophical Instruments in India, xi.	293
——— Proposed, Manual of Chemistry, xi. ..	297
——— Report upon the Improvement of the Silk Manu- facture in Mysore and the Salem Districts, xi. ..	218
Canal for Irrigation, Selections communicated by the Sudder Board of Revenue at Allahabad from correspondence respect- ing the proposed formation of a, from the river Jumna near the Village of Kuttha Puther in the Deyra Doon, xi. ..	761
——— Act of the Emperor Akbar with some notes and remarks on the History of the Western Jumna Canals, xv. ..	213
——— Description of the Doab, ii.	111
——— of Ali Mardan Khan, ii.	109
——— of Feroz Shah, ii.	104
——— at Delhi, ii.	105
Candahar to Herat, Route from, xiii.	121
Candahar, Rough notes on the Ornithology of, and of its neigh- bourhood, xvi.	775
——— Rough notes on the Zoology of, and the neighbour- ing districts, xv.	135
Cannanore to Seringapatam, Notes chiefly Geological from, by the Hegulla Pass, xv.	315
Canouj Princes, Genealogy of, iii.	341
CANTOR, T. Sketch of an undescribed Hooded Serpent with Fangs and Maxillar Teeth, A. R. xix.	87
——— Catalogue of Malayan Fishes, xviii.	983
——— Catalogue of Reptiles inhabiting the Malayan Peninsula and Island, xvi.	607, 897, 1026
——— Catalogue of Mammalia inhabiting the Malayan Peninsula and Island, xv.	171 241
——— Notice of a skull (fragment) of a gigantic fossil Batrachian, vi.	538
——— On <i>Teredo Navalis</i> and a natural defence against its ravages, xvi.	487

	Page
Caoutchouc, Mode of forming it into bags, sheets, &c. i.	112
——— tree, Report on, vii. ..	.. 132
——— Memorandum on, vi. ..	.. 320
Cape of Good Hope, Notes regarding the Meteorology and Climate of the, xi. ..	.. 211
Capilavastu, a Town in Rohilkhund, ii.	.. 385
CAREY, Minute regarding Dr., iii. ..	.. 303
Carinaria, New Species of, iv. ..	.. 215
——— Natural History of a New, iv. ..	.. 215
Carli, Inscription at, iii ..	.. 495
CARTE, W. E. Notice of Amulets in use by the Trans-Himalayan Boodhists ix.	.. 904
Carnatic, View of the principal Political Events that occurred in the, from the dissolution of the ancient Hindoo Government in 1564, till the Mogul Government was established in 1687, and on the conquest of the capitals of Beejapore and Golconda, xiii. ..	.. 421—578
Carnivora, indication of a New Genus of, A. R. xix. ..	.. 60
CARLOS, Account of a Journey to Beylah and Memoir on the Province of Lus, viii. ..	.. 184
CARTON PIERRE, Note regarding, i... ..	.. 110
Cashmir, Hügel's visit to, v. 184, ..	.. 303
——— Notice of Vigne's travels in, v. 56, ..	.. 57
——— A sketch of the Muhammedan History of, xxiii. ..	.. 409
Cashmiri Language, A Grammar and Vocabulary of the, x. ..	1038
——— Language, A Grammar of the, xiii. ..	397—553
Cataclysm of the Indus, On the, x. ..	.. 615
Catalogue of Canouj Princes, iii. ..	.. 341
——— of Kemaon Minerals, vi. ..	.. 653
——— of Dukhun Birds, iii. 418, 536, 597, ..	.. 639
——— of Coins, iii. ..	.. 591
——— of Shells, iii. 93, ..	.. 365
——— of Usbek Tribes, iii. ..	.. 378
——— of Pictures, iii. ..	.. 524
——— of Books iii. 53, 141, 193, 245, 300, 362, 410, 476,	.. 525
——— of Monsoons, iii. ..	.. 547
——— of Minerals, iii. 75, 194, 295, ..	.. 394

Catalogue of Moon, Culminating Stars, &c. iii.	97, 140,	Page	297
——— of Nebulæ, Herschel's, &c. ii.	..	..	252
——— of Indian Woods, ii.	..	..	167
——— of Col. Colvin's Fossils, v.	..	..	179
——— of Birds, &c. in the Asiatic Society's Museum, ii.	..	..	97
——— Ditto ditto, A supplemental Note to the, xviii.	..	..	800
——— of Oriental Libraries, xxii.	..	..	535
Caterpillar from New Zealand, vii.	..	..	787
Catholic Mission in Tibet, Relics of the, xvii. p. ii.	..	..	225
Caucasian and Mongolian Affinities, xxii.	..	..	26
CAUTLEY, P. T. Note on the <i>Felis Cristata</i> , a New Fossil Tiger from the Sewalik Hills, A. R. xix.	..	..	135
——— Note on the Fossil Crocodile of the Sewalik Hills, A. R. xix.	..	..	25
——— Note on the Fossil Camel of the Sewalik Hills, A. R. xix.	..	..	115
——— <i>Sevatherium Giganteum</i> , a New Fossil Ruminant Genus from the Valley of the Markanda in the Sewalik Branch of the Sub-Himalayan Mountains, A. R. xix.	..	..	1
——— Note on the Fossil <i>Hippopotamus</i> of the Sewalik Hills, A. R. xix.	..	..	39
——— Note on the <i>Ursus Sewalensis</i> , a New Fossil Species from the Sewalik Hills, A. R. xix...	..	..	193
——— Discovery of an Ancient Town near Behat in the Doab, iii.	..	..	43
——— Further account of the Remains of an ancient town discovered at Behat near Seharanpur, iii.	..	..	221
——— On the use of Wells, &c. in Foundations ; as prac- tised by the natives of the Northern Doab, viii.	..	..	327
——— On the Fossil Remains of Camelidæ of the Sewalik, ix.	..	..	620
——— Note on the Teeth of the Mastodon à dents étroites of the Sewalik Hills, v.	..	..	294
——— Canal for Irrigation. Selections communicated by the Sudder Board of Revenue at Allahabad, from correspondence respecting the proposed formation of a, from the river Jumna near the village of Kuttha Putthur in the Deyra Doon, xi. .	..	..	761

CAUTLEY, On the Gypsum of the Himalaya, i.	Page	289
——— Note on the Gold Washing of the Gumti River, iv...		279
——— Note on the Mastodons of the Sewaliks, v. ..		768
——— and H. Falconer, M. D. Synopsis of Fossil Genera and Species from the upper deposits of the tertiary strata of the Sewalik Hills, in the collection of the authors, iv...		706
Cavite, Barometrical Observations at, i.	..	74
CAVELLY VENKATA, Proposition by, v.	..	436
Caves at Secanderiah, ii. ..	..	658
Caves at Ajanta, Description of, v. ..	..	557
Cedar Tree, ii. ..	..	343
Celtic explanation of Bactrian Coins, vi.	..	98
Census of Murshedabad, ii. ..	..	567
——— of the town of Gaya, v. ..	..	373
——— of Allahabad, iii. ..	..	244
Central Asia, Abstract of a Journal kept by Mr. Gardiner, during his travels, with a Note and Introduction, xxii. ..		283
——— India, Aborigines of the, xvii. ..		550
——— India, Migratory Tribes of Natives in, xiii. ..		1
Cervus Duvaucellii, v. ..	..	240
——— Jarai, Note relative to, i. 66, ..		115
——— Affinis, Show or Tibetan Stag, On the, xx. ..		388
——— Demorphe, On a new species of, xii. ..		897
Cesspools, On the utility of, in Calcutta, i. ..		100
Ceylonese inscriptions, v. ..	..	554
Ceylon, History of, iv. ..	..	407
——— Ancient history of, iv. ..	..	408
——— Report on the Mammalia and more remarkable species of Birds inhabiting, xx. ..	..	153
Ceylonese Buddhas, Enumeration of, v. ..	..	321
CHACH, Expedition of, vii. ..	..	93
Chain Bridge, Quantity of iron in, xvii. p. i. ..	..	1
CHAMPION, CAPT. Notice on the Coleoptera of Hong Kong, xvii. p. ii. ..	..	206
Chandpur Well, Note on a Geological Section of the, vi. ..		54
CHANDRA GUPTA, name occurs in inscriptions, iii. 119, ——— Identification of, vi. ..	..	261
		15

	Page
CHANDRA GUPTA , Coins of, iii. ..	268
——— Remarks on, iii. ..	266
——— His epoch fixed, v. ..	526
Changes of climate , On certain supposed, i. ..	424
CHAPMAN , H. Meteorological Register kept at Darjeling for August, and for April, May, June and July, 1837, vi. ..	700—888
——— On the Climate of Darjeling, vi. ..	308
——— J. S. Notes on the Gems found at Beghram, x.	613
Charak puja , ii. ..	609
Chardwar , in Assam, Ruins of, iv. ..	185
Charj or Otis Bengalensis , On the, xvi. ..	883
Charka , Account of a Luminous Meteor seen at, lat. $24^{\circ} 06'$ long. $81^{\circ} 02'$, on the morning of the 11th April, 1842, xii. ..	235
CHEAP , G. On Geological Specimens from Egypt, xvii. p. i. ..	342
Cheedooba Island , Report on the, x. 349, ..	419
——— Island, Examination and Analysis of Soil brought from the, x. ..	436
——— Report on the Soil brought from, x. ..	447
——— group, Qualitative Examination of the native Copper found on Round Island in the South East of Ramree, xii. ..	904
Chemistry , Manual of, xi. ..	297
Chepang and Kusunda Tribes of Nepal , xvii. p. ii. ..	650
Cherra Punji , Notice of a collection of Mammalia, Birds and Reptiles procured at or near the station of, xx. ..	517
——— Account of, iii. ..	25
——— Register of Rain at, i. 420, ..	477
——— Remarks on its climate, i. ..	297
Chetni , Analysis of Mountain, iv. ..	699
CHHEDI LOHAR's journal translated , vi. ..	696
China , Note on the White Wax of Flata Limbata, xii. ..	898
Chinese trade with Moulmein , vi. ..	989
——— Buddhist Priest, who made a pilgrimage to India at the close of the fourth century, A. C. Notes on, xvi. ..	953
——— Books, Catalogue of, v. ..	246

	Page
<i>Chinese Government described, vi.</i>	557
<i>— Wars with Burma, vi.</i> 121,	405
<i>— Travels in India, vi.</i>	61
<i>— Language, M. Stanislas Julien on the Study of the,</i> xii.	816
<i>— Tartary, History of, iv.</i>	659
<i>— Tartary, Description of, iv.</i>	653
<i>— Tartary, Geography of, iv.</i>	654
<i>— Cymbals, Manufacture of, iii.</i>	595
<i>— Relation with Kokan, iii.</i>	373
<i>— Varnish, Analysis of, i.</i>	183
<i>— Vermilion, Note on preparing, i.</i>	151
<i>— Paper Manufacture, iii.</i>	477
<i>Cheru Antelope, Note on, iii.</i>	134
<i>Chittoor, Notes on the Western Coast of,</i> xv.	380
<i>Cho Lagan (Rakas Tal) Cho Mapan, Narrative of a Journey to, (Manassarowar) and the valley of Pruang in Gnari Hundes, xvii. p. ii. 98, 127,</i>	327
<i>Cholera Morbus visited Burma, in 1706, i.</i>	419
<i>Chærotherium, a new fossil Genus, v.</i>	127
<i>CHRISTAEN, J. Prashnottaramálá or the Catechetical Dialogue of S'uka,</i> xvi.	1228
<i>CHRISTIE, A. T. Porcelain Clay found at Mangalore, x.</i>	967
<i>Chronology, Buddhist, examined, v...</i>	521
<i>— of Makkah and the Hyaz before Mohammad, chiefly founded upon Genealogy, xx.</i>	349
<i>Chronometers, On the rates of, as influenced by the Local Attraction of Ships and Terrestrial Magnetism, xx.</i>	61
<i>Chuch Namah, History of Sindh, x.</i>	267
<i>Chulchulheera of the Hills, Memoranda on the, and on some Lichen from the Himalayas in the Collection of the Asiatic Society, x.</i>	377
<i>CHY FA HIAN, Places in the Province of Behar, supposed to be those described by, xvi.</i>	953
<i>Cicada, Note on the Wild Sheep of the Hindoo Koosh and a Species of, ix.</i>	440
<i>Civil Service, Life in the, i.</i>	277
<i>Classification of Rocks, i.</i>	528

	Page
Classification of the Aborigines of Nepal, iii. ..	215
CLAYTON Sergeant, Description of the Tomb of an Ahom Noble, xvii.	473
Climate of Fossil Elephant, iii. 18, .. .. .. ..	..
— Change of, i.	424
CLINT, L. Translation of a tale by Insha Allah Khan, xxi. ..	1
Cloths, silk, made in Assam, vi.	37
Coal discovered by Lieut. H. Bigge, vi.	243
— beds of Assam, vii.	948
— discovered in Assam, iv.	704
— New site of, at Nerbadá, iv.	648
— from Hoseinabad, iii.	366
— of Bhoragurh, iii.	395
— from the Fort boring, vi.	709
— discovered in Cuttack, vi.	320
— from Kamrup in upper Assam, vi.	243
— Bedjeegurh, vii.	839
— of Behar, vii.	964
— Ten Specimens from Capt. Burnes, vii.	848
— discovered in the Tenasserim provinces, vii.	701
— Table of, vii.	197
— Level in the Indian fields, vii.	65
— of Sylhet, ii. 47, vii.	959
— and Iron Mines of Talcheer and Ungool, &c. Report on the, viii.	137
— Field of Tenasserim, Papers relative to the New, viii. ..	385
— Discovery of, in a new site, x.	300
— Committee, Report of the, ix.	198
— from Cuba, i.	366
— Spontaneous combustion of, i.	476
— from Moradabad, ii.	264
— from Hoshungabad, ii. 435,	647
— Syneg Kyong and Oogadong, ii.	368
— Khyook Phyoo, ii. 549,	596
— from Peshawar, ii.	267
— from Arracan, ii.	263
— Beds in the Namsang Naga Hills, xvii.	489

	Page
Coal, Analysis of, ii. 263, 264, 368, 549, 596, ..	647
— Field of the Damoodah Valley and the adjacent countries of Beerbboom and Poorooleah as applicable to the present date 1842, A description of the, xi. ..	723
— from the neighbourhood of Darjeling, Examination and Analysis of four specimens of, xxiii. ..	381
— from Ava, xxiii. ..	714
Coals, Indian, Table of, Analysis of, xxi. ..	270
<i>Cochin China</i> , Geography of, vi. 373, 737, vii. ..	317
Cochin Chinese, Dictionary of, iv. 182, 408, v. 374, ..	833
Cochineal of Herat, ii. ..	652
Coel, On the habits of the, viii. ..	684
Coins, Indo-Scythic Legends of coins, vi. ..	98
— Estimate of Society's collection of, i. 392, vi. ..	156
— Bactrian, Note on, ii. 37-312, 405, iii. 247, 331, 364, iv. 327, ix. ..	531
— from Keramat Ali, iii. ..	247
— of Dr. Gerard and Mohan Lal, iii. ..	364
— of Gen. Ventura, iii. 591, iv. 327, vi. ..	986
— of Manikyala, iii. ..	315
— from Behat, iv. 56, ..	624
— Roman from Manikyala, iii. 563, ..	635
— from Behat, iii. 221, ..	227
— Col. Stacy's collection of, iv. ..	295
— dug up at Singapore, vi. ..	896
— Bactrian, Notices of some counterfeit, ix. ..	393, 1217
— New Bactrian, A Second Notice of some, xi. ..	130
— of Canouj, iii. 411, 433, iv. ..	634
— Indo-Scythic, iii. 159, 172, 441, iv. ..	568, 629
— of Chandragupta, iii. ..	268
— Indo-Sassanian group, vi. ..	288
— Tregear's collection of, vi. ..	319
— of Ceylonese Rajas, vi. ..	298
— Legends of the Saurashtra series of, vi. ..	377
— Application of the Lat alphabet to, vi. ..	463
— of Cabul and Bukhara, vii. ..	892
— Ancient Hindu, from Jyonpur and Oojein, vii. ..	1052

	Page
Coin, and relics of Bactria, vii. ..	1047
— lately received from the University of Christiania by the Asiatic Society, Descriptive list of some, xii. ..	443
— found at Muhamadpur in the Jessore district, Note on three ancient, xxi. ..	401
— Note on Col. Stacey's Ghazni, xxi. ..	115
— Ancient Gold, found near Benares, xxi. ..	390
— of Indo-Scythian Princes of Cabul, Translation of some uncertain Greek Legends on, xx. ..	137
— On Sassanian, v. 28, xx. ..	525
— On preparing Fac-similes of, x. 153, xviii. ..	976
— Remarks on some lately discovered Roman Gold, xx. ..	371
— of Mayas, ix. ..	1008
— of Ardokro, Imitated, v. ..	643
— of the Independent Muhammedan Sovereigns of Bengal, xv. ..	323
— of Arrakan, The Symbolical, xv. ..	238
— do. Historical, xv. ..	232
— Note on Bameean, ix. ..	70
— An account of eight Kufic Silver, xx. ..	537
— Ancient, from Beghram, iii. ..	153
— Second memoir on Beghram, v. ..	1
— Third memoir on Beghram, v. 537, ..	547
— New Methraic, v. ..	639
— of Nysean Kings, v. ..	20
— Grecian series of Bactria, v. 11, 548, ix. 720, ..	867
— of Ardokro reverse, v. 58, ..	643
— Hindu series, ii. 316, 412, 649, iv. 668, v. ..	643
— Indo-Scythic, v. 27, 267, ix. ..	1217
— Ancient Buddhist, iv. ..	624
— Buddhist, or Medal, Remarks on a, sent to the Society through Captain Macleod, by H. H. the Prince of Mekkara, xiii. ..	571
— on the Asiatic Society's collection of, i. ..	392
— Muhammedan, ii. ..	39
— Greek, Account of, ii. ..	27
— Roman, from Buxar, ii. ..	368

	Page
Coin, dug up in the Sunderbuns, ii.	204
— in the Asiatic Society's Cabinet, ii.	27
— of Indian Buddhist Satraps, xxiii.	679
COLEBROOKE, H. memoir of, vi.	614
Coleoptera of Hong Kong, Notice on the, xvii.	206
— Collection, for the Museum, ii.	588
Coleopterous Insects, Instructions for preserving, i.	324
Collimation, On the measure of, iv.	258
Colossal Figure Carved in Granite on the Mandar Hill, in the District of Bhagulpur, A short notice of an ancient, xx.	272
COLUMBA , new species of, v.	122
COLVIN, J. Bones in the Delta Alluvium, ii.	649
— Catalogue of a Second Collection of Fossil Bones presented to the Asiatic Society's Museum, v...	179
— LIEUT. BAKER AND LIEUT. DURAND , Horary Observations taken at Dadupur, in conformity with Sir John Herschel's Circular, v.	299
Commerce of Kokan, iii.	376
Commerce of the Arabs, Some Original Passages on the early, xiii.	519
Comparative Geography of Ancient India, An Essay on the, xx.	227
Comparison of Indus and Ganges, i...	20
Compass used by the Maldives, v.	793
— Division of the Arabic, v.	788
Concan, Geology of, v.	761
Conductors to Powder Magazines, Official correspondence on, ix.	277
CONOLLY, A. On Sambhur salt, v.	798
— Extracts from Demi-Official Reports on a Mission into Khorassan, x.	116
CONOLLY E. Notes on the Eusofzye Tribes of Affghanistan, ix.	924
— Sketch of the Physical Geography of Seistan, ix.	710
— Journal kept while Travelling in Seistan, x.	319
— Observations upon the past and present condition of Oujein or Ujjayani, vi.	813
— On Gems and Coins, xi.	137

CONOLLY, E. Note of Discoveries of Gems from Khandahar,		Page
ix.		97
— Note on the above, ix.	.. ..	100
Conostoma Semodius Glaucominæ or Rasorial Crows inhabiting the northern region of Nepal, x.	.. ..	856
Conversazione at Government House, v.	.. ..	682
Convocations, Buddhist, vi. 508, 719,	.. ..	727
<i>Cooch Behar</i> , History of, vii. .. .. ..	.. .. ..	1
COPE, H. Memorandum Regarding the Recently Discovered Ruins of Ranode in Scindeah's Dominions, xvi.	..	1079
— AND H. LEWIS, Some Account of the Town and Palace of Feerozabad, xvi. .. .. ..	.. .. ..	971
— On Lichens in the Himalayas, x.	.. ..	828
— A connected View of the Species of Lichens with the Botanical Relationship existing between them and the Indian Productions, x. .. .. ..	.. .. ..	888
Copper mines of Singhana, iv.	.. .. ..	581
— Land Grant, Note on a, x. .. .. ..	.. .. ..	98
— Ores of Cuba, Analysis of, i... .. .. ..	.. .. ..	366
— Its action on ink, v. .. .. ..	.. .. ..	317
— discovered in Assam, ix. .. .. ..	.. .. ..	766
— mines of Kumaon and Ghurual, viii. 471, vii. 934, xii. 453, .. .. .. ..	.. .. .. ..	769
— in the territory of Luz near Bela, Memoranda respecting the existence of, ix. .. .. ..	.. .. ..	30
— ores of the Deogur Mines, Detailed Report on the, xx. .. .. .. ..	.. .. .. ..	1
— mines of Nellore, iv. 574, .. .. ..	.. .. ..	579
— mines at Ajmir, iv. 295, .. .. ..	.. .. ..	582
— Ores obtained in the neighbourhood of Darjeling, xxiii.		477
<i>Coromandel Coast</i> , Geological notes from Pennour to Pondicherry in the, xv. .. .. ..	.. .. ..	204
Correspondence, Semimenstrual Inequality of the Tides, iv. 517, .. .. .. ..	.. .. .. ..	712
— — — regarding the Tibet Mission, xvii. .. ..	.. ..	89
Cosis of Nepal, Memorandum relative to the seven, xvii.	.. ..	646
— of Nepal, Quality of the, v. .. .. ..	.. .. ..	369

	Page
Cotton, Soil suitable to, v.	314
—— Catalogue of Nepalese, v.	224
—— in Guzerat, called Nurma, On the, xi.	290
COURT, A. On the Province of Taxila, v.	468
——— On Alexander's march to India, v.	387
——— Collection of Facts which may be useful for the comprehension of Alexander the Great's exploits on the Western Banks of the Indus, viii.	304
——— Extracts translated from a Memoir on a Map of Peshawar and the Country comprised between the Indus and the Hydaspes, the Pencelaotis and Taxila of Ancient Geography, v.	468
——— Further Information on the Topes of Manikyala being the Translation of an Extract from a Manuscript Memoir on Ancient Taxila, iii.	556
——— Conjectures on the march of Alexander v.	387
COWLES, C. Description of the Anglometer, an Instrument for working Lunar Calculations, i.	551
Crab, Indian, i.	474
CRACROFT, W. Radiation in Valleys, ii.	649
——— Notes relative to the collection of some Geological Specimens in the Kasia Hills, between Assam and Nanklow, iii.	293
——— On the Measurement of the Ilahy Guz of the Emperor Akber, iii.	360
CRUTTENDEN, C. J. Note on the Mijjertheyn Somalees, xiii.	319
Creation, Ahomese account of the, vi.	980
Crocodile of the Sewalik Hills, Note on the Fossil, A. R. xix.	25
Crops, Rotation of, iii.	147
CSOMA DE KÖRÖS, Analysis of the Sher Chin, Phalchhen, Dkon Seks, Do, De, Nyang Das and Gyut. Being the second division of the Tibetan Work entitled the Kah Gyur, A. R. xx. ..	393
——— Analysis of the Dulva, a Portion of the Tibetan work entitled the Kah Gyur, A. R. xx. ..	41
——— Abstract of the Contents of the Bstan Hgyur, A. R. xx.	553

CsOMA DE KÖRÖS, Notices on the Life of Shákya extracted from Tibetan Authors, A. R. xx.	Page
Report of the death of, xi.	303
Further Notes respecting the late, xiv.	823
Note on the white satin embroidered Scarfs of the Tibetan Priests by Major T. H. A. Lloyd, with trans- lation of the motto on the margin of one presented to the Asiatic Society, v.	383
Analysis of a Tibetan Medical Work, iv.	1
Translation of a Tibetan Passport, dated A. D. 1688, ii.	201
Note on the Origin of the Kala Chakra and Adi Buddha Systems, ii.	57
Geographical Notice of Tibet, i.	121
Donation to, by Hungarian Noblemen, i.	204
Origin of the Shákya race translated from the La or the 26th volume of the Do class in the Kagyur, commencing on the 16th leaf, ii.	385
Extracts from Tibetan Works translated, iii.	57
Interpretation of the Tibetan Inscription on a Bhotian Banner taken in Assam and presented to the Asiatic Society by Captain Bogle, v.	264
<i>Cuba</i> , Coal from, i.	366
Analysis of Copper Ores of, i.	366
On the Silver Mines of, i.	423
<i>Cuculidæ</i> , A Monograph of the Indian and Malayan Species of, xi. 897,	1095
<i>Cuculus</i> , Mr. Hodgson On, viii.	136
<i>Cumbum</i> on the Western Coasts of India, xv.	380
CUNNINGHAM , J. D. Notes on Moorcroft's Travels in Ladakh, and on Gerard's Account of Kunâwar, xiii.	172, 223
On the Embankments of Rivers, xviii.	697
Notes on the Antiquities of the Districts within the Bhopal Agency, xvi.	739
Inscription from the Vijaya Mandir Uda- yapur, xvii.	68
On the Ruins of Putharee, xvii.	305

CUNNINGHAM, J. D. On the Lingam at Bhojpur, xvii.	Page	154
————— A sketch of the Second Silver Plate found at Badakshan, x.	.. .. ..	570
————— Correction of a mistake, regarding some of the Roman coins found in the Tope at Manikyala opened by M. Court, iii.	.. .. ..	635
————— Notes on Captain Hay's Bactrian Coins, ix.	..	531
————— Notice of some Counterfeit Bactrian Coins, ix.	.. .. ..	393
————— Verification of the Itinerary of the Chinese Pilgrim Hwan Thsang through Affghanistan and India, xvii. p. i. 13, p. ii.	.. .. ..	476
————— Notice of some unpublished Coins of the Indo-Scythians, xiv.	.. .. ..	430
————— Proposed Archæological Investigation, xvii. p. i. ..	.. .. ..	535
————— An Essay on the Arian Order of Architecture as exhibited in the Temples of Kashmir, xvii. p. ii. ..	..	241
————— Abstract Journal of the Route to the Sources of the Punjab Rivers, x. ..	..	105
————— Description of, and Deductions from a consideration of, some new Bactrian Coins, ix. ..	..	867
————— Note to be Appended to my Account of the Coins of May in the Article on some New Bactrian Coins, ix. ..	.. .. ..	1008
————— New Bactrian Coins, Second Notice of some, xi. ..	.. .. ..	130
————— Second Notice of some Forged Coins of the Bactrians and Indo-Scythians, ix. ..	.. ..	1217
————— Journal of a trip through Kulu and Lahul to the Chu Mureri Lake in Ladak, xvii. p. i. ..	.. ..	201
————— Memorandum detailing the boundary between the territories of Muharajah Gulab Sing and British India, xvii. p. i. ..	.. .. ..	295
————— Note on the Limits of Perpetual Snow in the Himalayas, xviii. ..	.. .. ..	694
————— Coins of the Indian Buddhist Satraps, xxiii.	..	679

	Page
CUNNINGHAM, A. Correspondence of the Commissioners deputed to the Tibet Frontier, xvii.	89
Curatorship, Correspondence regarding the Society's, vi.	77, 493
<i>Cutch</i> , Boring in, iii.	40
— Fossil Shells of, vi.	159
<i>Cuttack</i> , Memorandum on Building Materials of the district of, xi.	836
— Inundation, i.	25
Cylinder (A) and certain gems collected in the neighbourhood of Herat, xi.	316
Cyprinidæ, On Indian, A. R. xix. 217, vii. 941, viii.	650
<i>Dadoopoore</i> Museum, Note on a Fossil Antelope from the, xii. ..	769
Dadupanthis, Translation of the books of, vi. 480, ..	750
<i>Dakhan</i> , An Account of the Mammalia of, i.	161
DALTON, T. E. Account of a Visit to the Jugleo and Seesee Rivers in upper Assam, xxii.	511
— On the Meris and Abors of Assam, xiv.	426
— Visit to Dewangeri, xviii.	66
— Earthquakes in Gowhattay, xviii.	173
— Notes on the Mahápurushyas, a sect of Vaishnavas in Assam, xx.	455
— Report of a Visit to the Hills in the Neighbourhood of the Soobanshiri River, xiv.	250
Damascus Blade of Goojrat, Process of working the, xvi. ..	666
<i>Damoodah</i> Valley, A description of the Coal Field of the, and the adjacent countries of Beerbloom and Poorooleah as applicable to the present date, 1842, xi.	723
Dam-sluiices of the Dooab Canal, Description of the, i.	454
<i>Darjeling</i> , Climate of, vi.	308
— to <i>Thibet</i> , Routes from, xvii. p. ii.	488
— Examination and Analysis of four Specimens of Coal from the Neighbourhood of, xxiii.	381
— Copper Ores obtained in the Neighbourhood of, xxiii.	477
— in the Himalayah Mountains, Atmospheric Phenomena observed at, during the Summer of 1852, Notes upon some, xxiii.	49

<i>Darounta</i> , Caves of Bahrabad and Topes of, x.	Page	381
DASHWOOD , T. Abstract of a Meteorological Register kept at Muzafferpur in Tirhut (Lat. $26^{\circ} 7' 29''$ N.; Long. $85^{\circ} 24' 30''$ E.) iii.	.. .. .. .. ..	79
Dative and Accusative Cases in Bengali and Hindustani, On the connections of the, xxi.	.. .. .. ..	105
Daud Putras , Origin of the, vii.	.. .. ..	27
DAVIDSON , S. C. Note on the habits of the Coel and on the discovery of Isinglass, viii.	.. .. ..	684
DAVIS , C. E. Climate of Singapur, ii.	.. ..	428
DAWE , W. Memorandum of the progress of sinking a well in the bunds of Chandpur, near the foot of the hills, vi.	.. ..	52
Days esteemed fortunate, vi.	.. .. ..	810
DE CANDOLLE on Longevity of Plants, iii.	.. .. ..	196
DE LA HOSTE , Memoranda respecting the existence of copper in the territory of Luz near Bela, ix.	.. .. ..	30
————— Theory of Crops, iii.	.. .. ..	147
DEAN , E. On the Fossil Bones of the Jumna River, iv.	.. ..	495
————— Notice of the Temple called Seo Byjnauth, (Siva Vaidyanátha) discovered on the 3rd December, 1834, on the Hill of Unchapahar, in the Shekawati Territory, iv.	.. ..	361
————— On the Strata of the Jumna Alluvium, as exemplified in the Rocks and Shoals lately removed from the bed of the river, and of the sites of the Fossil Bones discovered therein, iv.	.. .. .. ..	26I
<i>Deccan</i> , Diving in the, iii.	.. .. .. ..	45
<i>Dehra Dún</i> , Geology of, i.	.. .. .. ..	96
————— Fossils, Falconer's Note regarding, i.	.. .. .. ..	249
<i>Dehli</i> , Meteorology of, i.	.. .. .. ..	506
————— Geological Section near, vi.	.. .. .. ..	53
————— Inscription from, iii. 483, vi. . . . .	.. .. .. .. ..	794
————— Student's Journal, ii.	.. .. .. ..	19
————— Pillar, presented to the Asiatic Society, vi.	.. .. .. ..	985
————— Ancient Canals in, ii.	.. .. .. ..	105
<i>Deogur</i> Mines, Detailed Report on the Copper Ores of the, xx.	.. ..	1
————— Second Notice on the Argentiferous Ores of, xxi.	.. ..	74
<i>Deo Monces or Sacred Beads of Assam</i> , Notice of the, xvi.	.. ..	713

<i>Dera Ghazee Khan to Candahar, Route from, through the Sakhee Sarwar Pass and Buzdar, with other routes, xiii.</i>	Page	527
<i>Description of some Ancient Gems and Seals from Bactria, the Punjab and India, x. . .</i>	.. .. ..	147
<i>Desiderata in Botany, iv.</i>	.. .. ..	294
<i>— of the British Association, iv.</i>	.. .. ..	116
<i>Devamunni on the Western Coast, S. India, xv. . .</i>	.. .. ..	380
<i>Dew Point and Wet Bulb Thermometer, Table of, iv.</i>	.. .. ..	50
<i>DHARMA-PAL, Raja, Account of, iii.</i>	.. .. ..	219
<i>Dhari Falls, The passage from the, to the Hiranphal, xvii. p. ii.</i>	.. .. ..	210
<i>Dholbhumi, Birds of, ii. . .</i>	.. .. ..	597
<i>Dhunakar Hills, Birbhúm, Note on a Specimen of Iron from the, xix.</i>	.. .. .. ..	77
<i>Diamond in the possession of the Nizam, On the, xvii.</i>	.. .. ..	151
<i>— Mines, ii. . .</i>	.. .. ..	403
<i>Dictionary, Cochin Chinese, Note on a, iv.</i>	.. .. ..	182
<i>— Burmese to be printed, vi.</i>	.. .. ..	78
<i>Dip of Magnetic needle at Madras, vi.</i>	.. .. ..	374
<i>Distillation, Native mode of, iv.</i>	.. .. ..	282
<i>Division, New mode of measuring, iii.</i>	.. .. ..	403
<i>Dkon Seks, Sher Chin, Phal Chhen, Do, De, Nyang Das and Gyut, being the second division of the Tibetan Work, entitled the Kah Gyur, Analysis of the, A. R. xx.</i>	.. .. ..	393
<i>Doab Alluvium, Geology of the, iv. . .</i>	.. .. ..	261
<i>— Canal, Water Mills of the, ii. . .</i>	.. .. ..	369
<i>— Canal Dams, i. . .</i>	.. .. ..	454
<i>Do, De, Sher Chin, Phal Chhen, Dkon Seks, Nyang Das and Gyut, being the second division of the Tibetan Work, entitled the Kah Gyur, Analysis of the, A. R. xx.</i>	.. .. ..	393
<i>Documents relating to the Gates of Somnath, xii.</i>	.. .. ..	73
<i>Dophlas and the Peculiarities of their Language, Notes on the, xx.</i>	.. .. .. ..	126
<i>DOST MAHOMED KHAN, ii.</i>	.. .. ..	3
<i>DRUMMOND,—On the Mines and Mineral Resources of Northern Affghanistan, x. . .</i>	.. .. .. ..	74
<i>DRURY, L. Remarks on some lately Discovered Roman Gold Coins, xx.</i>	.. .. .. ..	371

	Page
Dugong, Notice of the, ii.	100
Dukhun, Birds of the, iii. 418, 536, 597,	639
Dulva, a portion of the Tibetan Work entitled the Kah Gyur, Analysis of the, A. R. xx.	41
— Abstract of the Contents of the, i.	1
Dum Dum, Bones discovered at, ii...	649
DUNBAE, W. Discovery of Coal in a new site, x.	300
DUNCAN, J. Note on the occurrence of the Bhauddha For- mula, iv.	713
DURAND, H. M. Specimens of the Hippopotamus and other Fossil Genera of the Sub-Himalayas in the Dadupur Col- lection, A. R. xix.	54
DURGA, Sketch of the temple to, vii.	828
Dust Storms of India, On the, xix...	390
— Whirlwinds and Cyclones, On, xxi. 140,	264, 333
— Whirlwinds of the Punjab, Report on the, xxiii.	364
Dye extracted from lichens, vi.	892
— — — from the teak plant, vi.	242
Dyeing of Khurwa cloth, &c. ii.	158
— — — Art of, in Nepal, v.	219
Earthquakes and other remarkable occurrences in upper Assam, xviii. 173, xii.	907
— — — for the year 1843, Register of Indian and Asiatic, xiv.	604
— — — Memoir on Indian, xii. 257 ; xiii. 964,	1029
— — — As Soyuti on, xii.	741
— — — in Nepal, ii. 438, 564,	636
— — — on the North Western Frontier, Notes on the recent, xi.	242
— — — at Lahore, i.	34
EASTWICK, J. B. A Vocabulary of the Scinde Language, xii. ..	1
Eclipse of Jupiter's Satellites, Observations of, i.	504 —
Eclipses of Jupiter's Satellites at Chuprah, ii.	41 —
Economic Geology, Correspondence respecting the Society's Museum of, iv. 232, xi.	322
EDGERTON, M. P. Abstract of a Journal kept by Mr. Gar- diner during his travels in Central Asia with a Note and Introduction, xxii.	283

EDGERTON, M. P. Report on the Statistics of Banda,		
xix.	Page	89
<hr/>		
Notes on the Sources of the Abi Moo, Amoo or Oxus, extracted from the Journal of Mr. Gardiner,		
xxii.	431	
<hr/>		
Description of Mohzarkhala in the Kohistan of the Wester Huzara, extracted from the Journal of Mr. Gardiner, xxii.	383	
<hr/>		
Observations on the Genus Spathium, xi.	145	
<hr/>		
Catalogue of Plants found in the Banda district, 1847—49, xxi. 24,	151	
<hr/>		
A couple of hours Herborization at Aden, xvi.	1211	
<hr/>		
Register of the Weather at Futtéh- gurh (Lat. 27° 21' N.; Long. 79° 30' E.) from April 1832 to October, 1833, iii...	46	
<hr/>		
Botanico-Agricultural Account of the Protected Sikh States, vii. 751, xi.	28	
<hr/>		
Register of the Thermometer at Am- bala, for 1834, iv.	405	
<hr/>		
Grammar and Vocabulary of the Cashmiree Language, x.	1038	
Education, On Native, iii.	504	
<hr/>		
<i>Egypt</i> , Notes on the Eastern Desert of, from Gebel Afret by the Ancient Porphyry Quarries of Gebel Dukhan near to the old station of Gebel Gir, xvii.	584	
<hr/>		
Memoir on the Regeneration and actual state of Medicine in, viii.	393	
<hr/>		
Tour through parts of, iv.	438	
Electric spark from Magnet, i.	477	
Electricity, On the progress of, i.	367	
Electro-Magnetism, Experiments on, iv.	182	
Electrotype, On, x.	478	
Elephant, Fossil, of the Nerbudda, vi. 487, its climate, iii.	18	
<hr/>		
Medicine for, i.	155	
<hr/>		
The Osteology of the, xiii.	915	

	Page
Elephant's Tooth, Carved, v.	248
Elk, The Gigantic, of the Himalayas, v.	184
ELLIOT, W. Comparative List of Upanishads, xx. ..	606
——— On Bos Gaurus, x.	579
——— J. B. Note on an Inscription found near the Kesar- riah Mound in Tirhut, (Pl. xvii. fig. 6) iv.	286
——— H. M. Manuscripts of the late, xxiii.	225
——— On Col. Wilford's Ancient Geography of India, xvii. p. i.	452
——— Reports upon His Majesty the King of Oude's Observatory at Lucknow, xvii. p. i.	507
Embankments of Rivers (On the) and on the Nature of Over- flowing Rivers in Diluvial Plains, xviii.	697
Encrustation of Steam Boilers and Pipes in India, On the, xix.	419
<i>England</i> , Notes on Natural History, on a Voyage from, iv.	167
Equations, Condition for a Quadrilateral common or re- entrant, xi.	28
Era, Armenian, v.	384
<i>Erawadī</i> , supposed branch to China, vi.	1019
Erolia, Red-billed, of Nepal, iv. 458,	701
Errors of Astronomical Instruments corrected, iv. 518, ..	519
Ethnographical Society of London, Queries respecting the Human Race to be Addressed to Travellers and others, xiii.	919
Ethnography and Geography of the Sub-Himalayas, xvii. ..	544
<i>Euclid</i> , Translation of, by Sewāi Jaya Siñha, vi. ..	938
<i>Euphrates</i> Expedition, Report on the, v.	675
Eurinorynchus Griseus, Specimen of a, v. 127, A. R. xix. ..	69
Eusofzye Tribes of Afghanistan, Notice on the, ix. 924, xvii., p. i.	624
EVANS, G. Examination of a Mummy Head supposed to be brought from Egypt by Lieut. Archbold, iv.	322
——— Note on the dissections of the Arctonix collaris or Sand Hog, viii.	408
——— Note on a Specimen of the Bos gaurus, vi.	223
Evaporation at Bokhara, ii.	17

Evaporation, Daily rate of, in Calcutta, xvii. p. I.	Page	236
EVEREST, R. Some Additional Observations in the quantity of Earthy Matter brought down by the Ganges, its depth and velocity, made during the rainy season of 1832 at Ghazi- pur, i. 238,		549
————— Comparison of the Heights of the Barometer with the distance of the Moon from the Celestial Equator, iv.		252
————— Continuation of a Paper (Journal May, 1835) on the Heights of the Barometer as effected by the position of the Moon, v.		585
————— On the Revolution of the Seasons, v. 281, vi.		303
————— On the amount of Rain-fall at Calcutta as affect- ed by the Declination of the Moon, iv.,		207
————— Remarks upon the Rain and Drought of the last eight Seasons in India, 1831 @ 1838, viii.		313
————— Some Geological Remarks made in the country between Mirzapur and Saugor, and from Saugor North- wards to the Jamna, ii.		475
————— On the Influence of the Moon on Atmospherical Phenomena, iii. 345,		631
————— Note on Indian Saline Deposits, i...		149
————— Register of the Temperature of Ghazipur, ii.		604
————— On the Temperature of Deep Wells to the West of the Jamna, iv.,		229
————— Remarks on a late Paper in the Asiatic Journal on the Gypsum of the Himalaya, i.		450
————— On the Climate of the Fossil Elephant, iii.		18
————— Geological Observations made in a journey from Mussoorie (Masuri) to Gungotree, (Gangautri) iv.,		690
EWER, W. Eclipses of Jupiter's Satellites, ii.		41
Extract from Proceedings of the Numismatic Society of Lon- don, 1837, 1838, on the comparative status of circulating media at different periods under the Bactrian and Indo- Scythian Kings, x.		345

Extract from the Proceedings of the Numismatic Society of London, 1837-38, ix...	.. .. ..	Page	938
— from Mr. M'Clelland's paper on Indian Cyprinidæ, Asiatic Researches, vol. xix. 217 viii.	.. .. ..		650
— of a letter from Capt. J. D. Cunningham, on Lingam at Bhojpur, xvii. p. I.	.. .. ..		154
— of a letter from Col. J. Low, on Singapur Inscription, xvii. p. I.	.. .. ..		232
— of a letter from Capt. Kittoe, on the ruins of Budh Gya, xvii. p. I.	.. .. ..		234
— of a letter from Dr. Campbell to the Hon'ble the President of the Asiatic Society, on Dr. Hooker's Travels in Sikkim, xvii. p. II.	.. .. ..		572 X
— of a letter from Lieut. R. Strachey, on his visit to Tibet, xvii. p. II.	.. .. ..		578 | —
— of a letter from Professor Henry to Dr. O'Shaughnessy, on the progress of science in Philadelphia, xvii. p. I.	.. .. ..		155
— from the late Dr. Voysey's Journals, Trigonometrical Survey in Southern and Central India, xiii.	.. ..		853
Facsimiles of Coins, On preparing, xviii.	.. ..		976
— of various Ancient Inscriptions, v. 340 vi.	.. ..		218
FALCONER, H. Sewatherium Giganteum, a New Fossil Ruminant Genus from the Valley of the Markanda in the Sewalik Branch of the Sub-Himalayan Mountains, A. R. xix.	.. .. ..		1
— Note on the Fossil Hippopotamus of the Sewalik Hills, A. R. xix.	.. .. ..		39
— Note on the Felis Cristata, a New Fossil Tiger from the Sewalik Hills, A. R. xix.	.. .. ..		135
— Note on the Fossil Camel of the Sewalik Hills, A. R. xix.	.. .. ..		115
— Note on the Ursus Sewalensis, a New Fossil Species from the Sewalik Hills, A. R. xix..	.. ..		193
— On the Aptitude of the Himalayan Range for the Culture of the Tea Plant, iii..	.. ..		178
— Letter to the Secretary of the Asiatic Society on the Cataclysm of the Indus, x.	.. ..		615

FALCONER, H. On Additional Fossil Species of the Order Quadrupedal from the Sewalik Hills, vi. ..	Page	354
————— Note on the occurrence of Fossil Bones in the Sewalik Range, Eastward of Hardwar, vi. ..		233
————— and P. T. CAUTLEY, Sevatherium Giganteum, a new Fossil Ruminant Genus from the Valley of the Mar-kanda, in the Sewalik branch of the Sub-Himalayan Mountains, v.		38
Falconidæ , Description of a New Genus of, xii. ..		127
Fauna of the Nicobar Island, Notes on the, xv. ..		367
———— Indica, Drafts for a, Comprising the Animals of the Himalaya Mountains, xiv.		845
FAUSTUS , Narrative of, vi.		82
FAYRER, J. Meteorological Observations kept at the Rangoon Field Hospital, xxi. 520		622
Feerozabad , Town and Palace of, in the Vicinity of Delhi, Some account of the Introductory Remarks on the Sites of other Towns, xvi.		971
Felis Cristata , a New Fossil Tiger from the Sewalik Hills, Note on the, A. R. xix.		135
FENWICK, CAPT. Journey of the Passage from the Dhari Falls to the Hirnphal, xvii. p. II.		210
————— Journal of a Passage down the Nurbudda, from Chekuldeh to Barooch with notices of the most important obstructions to the Navigation, xviii.		461
FEROZ SHAR Discovers Fossil Bones, iii.		529
Feroz Monument, Reading of the, vi.		577
Ferruginous Spherules imbedded in Sandstone , from Lullutpore in Bundlecund, Notice on the, xvi...		711
Fessirostral Tribe , a New Genus of the, viii.		35
Filtering Waters of Tanks in large quantities for the use of Towns, On, xxi.		473
Financial Report , 1849, xviii.		860
FINIS, J. A Summary Description of the Geology of the Country between Hoshungabad on the Nurbudda and Nagpoor by the direction of Baitool, iii.		71
Fish , Natural History of an Extraordinary, iv.		218

	Page
Fish, Fall of, from the sky, ii. ..	650
FISHER, F. H. Geological Sketch of Masuri and Landour in the Himalaya, together with an abstract of the Thermometri- cal Register kept at Landour, during the year 1831, i. ..	193
————— Memoir of Sylhet, Kachar, and the adjacent Dis- tricts, ix.	808
Fishes, Catalogue of Malayan, xviii.	983
Flata lembata, Note on the, xii. 398,	1011
FLEMING, A. Notes on the Iron Ore of Korana, in the Jetch Dooab of the Punjab, with a Qualitative Analysis of the same, xxiii.	92
————— Diary of a Trip to Pind Dadan Khan, &c. xviii. ..	661
————— A Report on the Salt Range and on its Coal and other Minerals, xvii. p. II.	500
————— Report on the Geological Structure and Mineral Wealth of the Salt Range in the Punjab, xxii. 229, 333,	444
Flora Indica, Review of a New Edition of, i.	138
Floods in India, 1849, xx.	186
Flowers, Fall of Celestial, ii.	358
FOLEY, — Note on the Coal discovered at Khyuk Phyu in the Arracan district, ii.	595
————— Note on a Remnant of the Hun Nation (vide chap. 26 of the Decline and Fall of the Roman Empire under the head of Original Seat of the Huns,) v.	813
————— Notes on the Geology, &c. of the country in the Neighbourhood of Maulamyeng (vulg. Moulmein) v. ..	269
————— Journal of a Tour through the Island of Rambree, with a Geological Sketch of the Country, and Brief Account of the Customs, &c. of its Inhabitants, iv. 20, 82, ..	199
FORBES, J. Notes on the Buddhas from Ceylonese authorities, with an attempt to fix the dates of the appearance of the last four, being those of the Maha Bhadra Kalpa (or Present Age), v.	321
Forests, On the Influence of climate on, xviii.	791
Formulæ for Strain of Materials, iv.	115
Fort William, Proceedings of the Committee appointed to super- intend the Boring Operations in, ix.	677

Fort William, Report on Boring Experiment in, i. 250, 561 ;		Page
ii. 369, v. 374, vi. ..	..	234
— Fossils bones dug up in, vi.	..	897
Fossil Baselosaurus, a New, v.	..	254
— found at Perim, v. 268, 438, 833, vi.	..	78
— Shells of Assam, v.	..	519
— Note on the Camel of the Sewalik Hills, A. R. xix. 115,		
J. A. S. iv. 694, ix. ..	..	620
— Tiger, from the Sewalik Hills, A. R. xix. ..	..	135
— Bones, Rhinoceros, v.	..	486
— Bones, Mastodon, v.	..	294, 768
— Ursus Sewalensis, from the Sewalik Hills, Note on the,		
A. R. xix. ..	..	193
— Hippopotamus of the Sewalik Hills, Note on the, A. R.		
xix. 59, J. A. S. v. ..	..	39
— Bones, Dr. Falconer's list of, iv. 57,	..	179
— Discoveries at Pinjor, iv.	..	586
— Antelope from Dadoopoor Museum, Note on a, xii.	..	769
— Bones of Dehra Doon, i.	..	97
— Shells of Kassia Hills, iv.	..	520
— Elephant of Nerbudda, iii. 365, Climate of, 18,	..	396
— Shells from Hyderabad, ii. 92, 205, 270, 583, 632, 649,		
629, 302, iii. 586, ..	..	151
— Shells of Ramree, iii.	..	412
— Buffaloe, iii. 399, iv.	..	236
— Bones from Sewalik Hills, iii. 527, 529, vi. 354,	..	899
— Tooth from Nahun, iii.	..	638
— Shells found in the Saugor and Nerbudda Territories, viii.	..	708
— Note on the Crocodile of the Sewalik Hills, A. R. xix.	25, 32	
— Jaw sent from Jubbulpore, Note on the, x. ..	..	620
— Discoveries in the Valley of Nerbudda, Notes on the,		
iii. 18, 365, 396, v. 674, 833, viii. 708, 950, 950, vi. 487,		
499, x. 629, i. 456, vi. 321, v. 589, xiii. ..	..	765
— Bones of the Jamna, iii. 302, ..	..	529
— Shells of Nirmul, v.	..	112
— Shells of Munoor, v.	..	108
— Shells of Silhet, v. . .	..	519

		Page
Fossil Wood of New South Wales, v...	..	127
— Bones, Felis, v. ..	..	579
— Bones, Col. Burney's Donation of, iv.	..	179
— Bones, Col. Colvin's Donation of, iv. 56, 236,	..	651
— Impressions in Schist, iii. ..	..	628
— Elk, Note on the, iv. 409, ..	..	506
— Fresh Water Deposit in Southern India, Note on a recent, with a few remarks on the origin and age of the Kunkur, xiii. .. .. ..	..	313
— Specimens of the Hippopotamus and other Genera of the Sub-Himalayas in the Dadupoor Collection, A. R. xix. ..	..	54
— Shells from Van Dieman's Island, iii. ..	..	301
— Synopsis of Sewalik, iv. ..	..	706
— Vegetables of the Sone Agates, iv. ..	..	507
— Bones of the Sub-Himalayas, iv. ..	..	565
— Sevatherium, v. 38, iv. ..	..	517
— Gigantic Batrachian, vi. ..	..	538
— Quadrupana of Sewalik, v. 739, vi. ..	..	354
— Deposits, New, in Nerbudda, vi. ..	..	487
— Bones from Betwa and Chunar, iv. ..	..	183
— Bones from East of Hurdwar, vi. ..	..	233
— Bones from Ava, iii. 365, ..	..	..
— Genera in Dadupur Collection, v. ..	..	291
— Shells of Pulo Leda, v. ..	..	575
— Zoology, ii. ..	..	465
— Bones dug up in Fort William, vi. ..	..	897
— Shells discovered in the neighbourhood of Bajgah, Afghani- stan, ix. .. ..	..	1126
— Bones of Genus Sus, v. ..	..	661
— Bones, Canis Vulpes, v. ..	..	582
— Bones, Gulo, v. ..	..	581
— Of frog, vi. ..	..	538
— Shells of Cutch, vi. ..	..	159
— Bones, Chærotherium, v. ..	..	127
Fossils presented to the Asiatic Society, v. 58, 179, 191, 373, 589, 674, .. ..	..	833
France, Progress of Improvements in, i.	..	111

	Page
Freezing Points raised in great altitudes, v. ..	187
Fribourg, Bridge at, v. ..	318
Frog, Gigantic fossil species of, vi. ..	538
Fuel, On Brigadier Twemlow's Artificial, xii. ..	228
Fuhken, Province of, in China, iv. ..	553
FULLJAMES, G. Note on the black and brown Floriken of Guzerat, vi.	789
——— Section of the strata passed through in an experimental boring at the town of Gogah on the Guzerat Peninsula, Gulph of Cambay, vi.	786
Futtegurh , Meteorological observation at, iii. ..	47
——— Climate of, iii.	46
Galathea, affinities of, vii.	420
Galeodes (<i>vorax?</i>) Capt. T. Hutton on, xi.	857
Gale, 7th Oct. 1832, ii.	428
——— 21st May, 1833, ii.	427
——— and Hurricane in the Bay of Bengal on the 3rd, 4th and 5th of June, 1839, Researches on the, 559, viii. ..	631
Galvanic Battery in its Various Practical Applications as an Igniting Agent, ix.	1149
——— Memorandum on the Explosion of Gunpowder under Water, by the, viii.	851
Gamboge of the Tenasserim Provinces, On the, xvi. ..	661
Gangautri, Geology of, iv.	690
Ganges and Indus, Comparison of, i...	20
——— Observations on the Earthy Matter of, i.	238
——— Fishes of the, i...	110
Garjan Oil, ii.	93
Gates, Documents relating to the Somnath, xii.	73
Gáthá Dialect, On the Peculiarities of the, xxiii... ..	604
Gaur of Java, Specimen of the, vi.	987
Gaurus bos, on a Specimen of, vi.	223
Gautama the fourth Buddha, v.	328
Gaya Caves, Inscriptions from the, vi.	671
Gazipur Salts, Analysis of, iii.	36
GEDDES, W. On the climate of Nagpur, ii.	239
Gems from Kandahar, Note of Discoveries of, ix.	97

	Page
Gems and Seals, Description of some Ancient, from Bactria, the Punjab and India, x. ..	147
— found at Beghram, Notes on the, x. ..	613
— and Coins figured as Nos. 7 and 8, and on a Gem belonging to the late Edward Conolly, xi. ..	137
Genealogical Tables, iii. 341,	344
General Vibration or Descent and Upheaval which seems, at a Recent Geological period, to have occurred all over the Northern Hemisphere, On the, xix. ..	302
— Meeting of the Asiatic Society of Paris, Report made by J. Mohl in the, xi.	411
— Statement of the Labours and Proceedings of the Expedition to the Euphrates under the Command of Colonel Chesney, v.	675
GEOFFROY, L. Range of the Barometer and Thermometer at Port Louis in the Mauritius, in 1828, Cor. Royal Asiatic Society of the French Institute for the 2nd vol. Royal Asiatic Society Translations, iv.	715
Geography , Blunders in, from bad spelling, iii.	285
— of India. A Comparative Essay on the Ancient, xx. ..	470
Geological Specimens from Shekawati, v.	59
— Society, Medal awarded by, vi.	619
— Section at Chandpur, vi.	53
— Specimens offered to the Asiatic Society of Bengal, xi. ..	1131
— Remarks during the march from Benares (Old Road) via Hazareebaugh, Bankoora and Burdwan to Barrackpore, xiii.	862
— Science, Progress of, i.	515
— Society's Instructions, ii.	557
Geology, &c. of the country between Bhar and Simla, Remarks on the, viii.	1037
— Mineralogy and Palæontology, in the Transactions and Journal of the Asiatic Society and the Gleanings of Science, Index to the Papers on, xi.	341
— Local and Relative of Singapore, On the, including Notices of Sumatra, the Malay Peninsula, &c. xvi. ..	667
— of Cutch, iii.	40

	Page
Geology, of the Northern Concan, v...	761
——— of Hyderabad and Nagpur, v. 59,	.. .. 96
——— of the Straits, v.	.. .. 575
——— of Ava, Specimens of, v.	.. .. 437
——— of Moulmein, v...	.. .. 269
——— of Malay Straits, v.	.. .. 438
Geometry, Remarks on the Essay on the Theory of Angular,	
xi.	240
——— as a Branch of Analysis, On the Treatment of, xii.	110
Georgia, Journal of Tour through, iii. 271,	332
——— present state of, iii.	.. .. 232
GERARD, A. Koonawar Languages, a Vocabulary of the, xi...	479
——— Dr. A Route to explore the source of the Oxus, i.	139
——— J. G. Memoir on the Topes and Antiquities of	
Affghanistan, iii. 247,	321
——— Letter addressed to the President of the Asiatic	
Society, from Jelalabad, 4th December, 1833, iii.	.. 246
——— Journey from Soobathoo to Shipke in Chinese Tar-	
tary, Narrative of, xi.	363
——— Fossil Shells near Herat, ii.	.. .. 652
——— P. Abstract of a Meteorological Journal kept at Kot-	
garh (Lat. 13° 18' 45" N.; Long. 77° 27' 49" E.; Sooba-	
thoo and the intermediate places in the Himalaya Mountains,	
for 1819, 20, ii.	615
——— A General Statement of the Weather at Kotgurh	
and Soobathoo, for 1819, 20, 21, xii.	749
Ghaghar, Sandy bed of the, ii.	108
Gharial, The Fossil, of the Sewalik Hills, A. R. xix.	32
Ghassanite Kings, On the, xix.	469
Ghats, Elevation of the, iv.	433
Ghazepur, Temperature of, ii,	604
Ghazni Coins, Note on Col. Stacey's, xxi.	115
——— Saline Exudation at, iv.	696
——— Account of, vi.	775
Ghazzaly's History of the Prophets, xvii. p. II. . .	437
Gherwal, Pokree and Dhanpoor, Notes on the Copper Mines in,	
xiv.	471

Ghurwal Copper Mines of Kemaon and Supplementary Notes to Mr. Commissioner Lushington's Report, xii.	454,	Page	769
GIFFORD,—Note on the Tailor Bird's Nest, ii.	..	..	648
Giraffe, Fossil, traces of, vii.	..	..	658
Girnar, Inscription from, vii.	219,	..	865
GIUSEPPE D' AMATO, Memoir of, i...	..	..	349
Glaciers of the Pindur and Kuphmees Rivers in the Kumaon Himalaya, A description of the, xvi.	..	..	794
Glacier of the Pindur in Kumaon, Note on the motion of the, xvii. p. II.	..	..	203
GLASFURD, J. Report on the Progress made up to the 1st May, 1839, in opening the Experimental Copper Mine in Kumaon, viii.	..	..	471
Glaucoptenæ or Rasorial Crows Inhabiting the Northern Region of Nepal, Conostoma humodius, Notice of a New form of the, x.	..	..	856
Goand and Cole Words, Vocabulary of, xiii.	..	..	19
Gogah Section, Of the Soil of, vi.	..	..	786
Gold Mines of Jompole, v.	..	..	260
— or Silver, Description of a Cheap and Simple Apparatus for distilling off the Mercury from an amalgam of, xxi.	..	..	403
— Mines of North America, i.	..	..	365
— Dilatation of, by Heat, ii.	..	..	142
— Mines of Mount Ophir, ii.	..	..	497
— Ore of Calicut, iii.	..	..	474
— Ore of Mysore, iii.	..	..	463
— Washings of the Gumti, iv.	..	..	279
— Dust and Diamonds at Heerakhoond, Note on the process of washing for the, viii.	..	..	1057
— washing, vii.	621,	..	625
— Sand in the Moradabad District, ii.	..	..	265
Good Hope, Notes regarding the Meteorology and Climate of the Cape of, xi.	..	..	211
GOODWYN, H. A Resultant System for the Construction of Iron Tension Bridges, xvii. p. ii.	..	..	412
— Memoir on the Application of Asphaltic Mastic to Flooring, Roofing and Hydraulic Works in India, xii.	..	..	534
Goojrat, Process of working the Damascus Blade of, xvi.	..	..	666

	Page
Goomtee River, Note on the, viii. ..	712
GORDON, C. A. Report on the Dust Whirlwinds of the Punjab, xxiii. ..	365
——— A. Notes on the Topography of Murree, xxiii. ..	461
——— G. J. Journal of an attempted ascent of the River Min, to visit the Tea Plantations of the Fukhen Province of China, iv. ..	553
——— Memorandum of an Excursion to the Tea Hills which produce the description of Tea known, in commerce, under the designation of Ankoy Tea, iv. ..	95
Government of Siam, On the, A. R. xx. ..	245
Governor General's Conversazione, v. ..	682
Gradus ad Aornon, xxiii. ..	309
GRAHAM, B. A. Report on the Agriculture and Land Produce of Shoa, xiii. ..	253
——— Report on the Manners, Customs and Superstitions of the people of Shoa and on the History of the Abyssinian Church, xii. ..	625
Grain, price of, iii. ..	620
Grammar of the Vedas, The most ancient, xvii. p. I. ..	6
Grand Trunk Road across the hills of Upper Bengal, Parus-nath, Observations made when following the, xvii. p. II. ..	355
GRANGE, B. OTTO DE, Short Survey of the Countries between Bengal and China, &c. xvii. p. I. ..	132
——— E. R. Extracts from the Narrative of an Expedition into the Naga Territory of Assam, viii. 445, ix. ..	947
Granite in the bed of the Nurbudda, Remarks upon the occurrence of, xiv. ..	821
Grant engraved on Copper found at Kumbhi in the Saugor Territory, Notice of a, viii. ..	481
GRANT, — Progress of the Boring for Coal at Jamutra in Cutch, iii. ..	40
——— F. T. Journal of a Tour of Inspection along the course of the Nengti River, iii. ..	124
Granthas of the Dádúpanthis, The, vi. ..	480
Granth, Translation of the Vichitra Natak or Beautiful Epitome, a fragment of the Sikh, xix. ..	541

	Page
Grasses of Sylhet Jheels, v.	570
Greek and Indo-Scythian Kings, in Bactria, Cabul and India as illustrated by decyphering the ancient legends on their coins, Points in the History of the, ix. 251, 339, 449, 627,	733
— Coins, Account of, ii.	27
GREENLAW, C. B. Note to accompany a Map of the Isle St. Martin, xi.	309
— — — — Documents relative to the application of Camel Draught to Carriages, viii.	591
GREGORY, W. On the Composition of the Rangoon Petroleum, with Remarks on the Composition of Petroleum and Naph- tha in general, iv.	527
GRIFFITH, W. Description of Two Genera of the Family of Hammamelideæ, two species of Podostemon and one Species of Kaulfussia, A. R. xix.	94
— — — Tables of Barometrical and Thermometrical Ob- servations in Affghanistan, xi.	49
— — — Journal of a Visit to the Mishmee Hills in Assam, vi.	325
— — — Extracts from a Report on Subjects connected with Affghanistan; communicated to the Editor from the Office of the Political Secretariat of India, x.	797
— — — On the Caoutchouc Tree of Assam, vii. ..	132
— — — Description of some Grasses which form part of the Vegetation in the Jheels of the District of Sylhet, v.	570
— — — Journal of the Mission which visited Bootan in 1837-38 under Captain R. Boileau Pemberton (with map) viii. 208,	251
— — — Some Remarks on the Development of Pollen, v.	732
— — — Botanical Collection from the Eastward, xxiii..	623
— — — Remarks on a Collection of Plants made at Sadiya, Upper Assam, from April to September, 1836, v. ..	806
— — — Extracts from a Report on Subjects connect- ed with Affghanistan, x.	977
GUBBINS, C. Daily Register of Temperature during a part of 1850, at Meerut in the Upper Dooab, xxi,	563
— — — On the Manufacture of Salumba Salt, viii. ..	363

GUBBINS, C. Notes on the Ruins at Mahábalipuram, xxii. Page <i>Gujerat</i> , Copper Plates found in, iv.	..	656
Gum Kino of the Tenasserim Provinces, xvii. p. ii.	..	477
Gum Kino of the Tenasserim Provinces, xvii. p. ii.	..	223
Gunpowder under water, by the Galvanic Battery, Memorandum on the Explosion of, viii.	..	851
Gupta Dynasty, Remarks on, vi.	..	7
<i>Gurha Mundala</i> Rajas, History of, vi.	..	621
Geography of, vi...	..	644
GUTZLAFF's opinion on Erawadi, vi.	..	139
<i>Gwalior</i> , On an Ancient Magic Square cut in a Temple at, xi..	..	292
Gypsum of the Himalaya, Notes on, i.	..	298, 450
GYUT, Analysis of the Sher Chin, Phalchhen, Dkhon, Seks, Do De, Nyang Das and, being the second division of the Tibetian Work entitled the Kah Gyur, A. R, xx.	..	393
<i>Hadesum</i> , Supplementary Note to the Memoir on the, x.	..	30
HAINES,-- Ancient Inscription found at Aden, xi.	..	958
HALL, F. E. Hindi and Urdu Hindi Tazkiras, xvii. p. i.	..	541
A Passage in the Life of Valmiki, xxiii.	..	494
HALSTEAD, E. P. Report on the Island of Chedooba, x.	349,	419
HAMILTON, R. N. C. Note on the transport of coal from the pits at Sonadeh to Bombay, by the Nurbudda, xviii.	..	594
<i>Hamman</i> ; Inscriptions found at, iv.	..	533
Hammamelideæ, Description of Two Genera of the Family, also of two Species of Podostemon and one Species of Kaulfussia, A. R. xix.	..	94
HAMMER, J. V. Extract from the Mohit, a Turkish Work on Navigation in the Indian Seas, iii. 526, 545 ; v. 441 ; vi. 805, vii. 767 ; viii.	..	823
HANNAY, S. F. Note on Ancient Temples and other Remains in the Vicinity of Suddyah Upper Assam, xvii. p. i.	...	459
Goldwashing in Assam, vii.	..	625
Memoranda of Earthquakes and other Remarkable Occurrences in Upper Assam, xii.	..	907
On the Assam Petroleum Beds, xiv...	..	817
Brief Notice of the Sil Hako or Stone Bridge, in Zillah Kamrup, xx.	..	291
Gold Fields of Assam, xxii.	..	511
A Short account of the Moa Morah sect, viii	..	671

HANNYNGTON, J. C. Tables of Mortality according to the experience of the Bengal Civil Service, xix.	..	Page	250
————— Note on the method of determining the Neutral Point of Barometers having small circular Cisterns, xvii. p. i.	..	..	533
————— Barometrical Observations taken to ascertain the Altitude of the Station of Purulia in the Ramghur District, xii.	..	..	226
————— Tables for determining Heights by the Barometer, xix.	..	..	394
————— Comparative Tables of the Law of Mortality, the Expectation of Life and the Values of Annuities in India and England, xii.	..	..	1057
Hanuman's Exploits, ii...	..	..	348
HARDIE, J. Explanation of the Sketch giving a Geological Section of the Strata from Nemach to Mérta, published in the Asiatic Researches, vol. xviii. page 92, iii.	..	..	238
Hare of the Gangetic Provinces and of the Sub-Himalaya, with a slight notice of a strictly Himalayan Species, ix.	..	1183	
HARIMOHUN SEN, Indian Arts and Manufactures, ii.	..	158	
Harsha in Shekhawati, Temples of, iv.	..	..	361
HART, N. General Notice of the Tribe of Kujjukzyes (Upper Sinde) ix.	..	..	1214
————— Note on the Braahooees, x.	..	..	136
————— Some Account of a Journey from Kurrachee to Hinglaj, in the Lus Territory, descriptive of the intermediate country and of the port of Soumeanee, ix.	..	..	134
————— On the Route to Hinglaj, ix.	..	..	615
Hatching, Egyptian System of Artificial, viii.	..	..	38
HATHORN, H. V. Census of the Population of the city and district of Moorshedabad, taken in 1829, ii.	..	..	567
HAUGHTON, J. C. Memorandum on the Geological Structure and Mineral Resources of the Singbhoom Division of the South West Frontier Agency, xxiii.	..	..	103
Haughtonite, Examination of the new mineral, xix.	..	..	452
HAY, W. C. Account of Coins found at Bameean, ix.	..	..	68
————— Fossil Shells discovered, ix.	..	..	1126

HAY, W. C. Report on the Valley of Spiti, xix...	Page	429
————— Note on an undescribed (?) Bird, Native of the Eastern Islands, x. ..	.. .. ..	573
————— Notes on the Wild Sheep of the Hindoo Koosh and a species of Cicada, ix. ..	.. .. ..	440
Hazara country, Geography of the, iii. ..	.. .. ..	142
Heads , Notice of two, found in the northern districts of the Punjab, xxi. ..	.. .. .. ..	511
HEATLY, S. G. T. On the treatment of Geometry as a branch of Analysis, xii. ..	.. .. .. ..	110
————— Contributions towards a History of the development of the Mineral Resources of India, xi. 811, xii. .. .. .. ..	.. .. .. ..	542
————— A Note on Capt. Shortrede's Remarks in No. CXXIII. page 240, of this Journal, xi. ..	.. .. .. ..	782
————— On the Theory of Angular Geometry, xi.	.. .. .. ..	230
Heerakhoond , Note on the process of washing for the Gold Dust and Diamonds at, viii. ..	.. .. .. ..	1057
Hegulla Pass to Seringapatam by Cannanore, Notes chiefly Geological from, xv. .. .. .. ..	.. .. .. ..	315
Heights, Measurement of, ii. 194, 621, ..	.. .. .. ..	645
HEKEYKEAN BEY , Note on the Strata cut through, in excavating for Coal in Wadi Araba, xix. ..	.. .. .. ..	139
————— Note on the Formations and Lead Mines of Kohel et Terafeh, xix. .. .. .. ..	.. .. .. ..	217
————— Notes on the Eastern Desert of Egypt, xvii. p. ii. .. .. .. ..	.. .. .. ..	584
HELPER, J. W. Papers Relative to the New Coal Field of Tenasserim, viii. .. .. .. ..	.. .. .. ..	385
————— Report on the Coal discovered in the Tenasserim Provinces, vii. .. .. .. ..	.. .. .. ..	701
————— Note on the Animal Productions of the Tenasserim Provinces, vii. .. .. .. ..	.. .. .. ..	855
————— On the indigenous silkworms of India, vi. ..	.. .. .. ..	38
————— Tenasserim—the surrounding Nations, Inhabitants, Natives and Foregners,—Character, Morals and Religion, viii. .. .. .. ..	.. .. .. ..	973

HELPER, J. W. The Tenasserim Provinces, considered as a resort for Europeans, ix.	Page	155
HENDERSON, H. B. Results of an Enquiry respecting the Law of Mortality for British India, deduced from the Reports and Appendices of the Committee appointed by the Bengal Government in 1834, to consider the Expediency of a Government Life Assurance Institution, A. R. xx. ..		190
HENRY, Professor , Extract of a Letter from, on the progress of science in America, xvii. p. i.		155
HERBERT, J. D. Geological Map of Himalaya Survey, xiii. ..		171
————— Report of the Mineralogical Survey of the Himalaya Mountains lying between the Rivers Sutlej and Kalee, xi.		i
<i>Herat</i> Astrolabe, Observations on the, xi.		720
————— Cylinder and certain Gems collected in the Neighbourhood of, xi.		316
————— to Simla, Report of a Journey viâ Candahar, Cabul and the Punjab, xiii.		339
————— Description of, iii.		9
Herborization at Aden , A couple of hours', xvi.		1211
HERODOTUS , On a passage in, iii.		206
HERSCHEL, J. W. On Taylor's Collimator, iv.		518
————— On Correction of Astronomical Instruments, iv,		518
————— Catalogue of the most remarkable Celestial Objects, visible in the horizon of Calcutta, arranged in order of Right Ascension, ii.		252
Heuma or Shendoos , a Tribe inhabiting the hills North of Arracan, Notes on the, xxi.		207
Hexaprotodon , a Genus of <i>Hippopotamus</i> , vii.		1038
Hill Tribes on the Kuladyne River , A Note on some, xv. ..		60
<i>Himalaya</i> , Legend of, ii.		329
————— Lichens, x.		828
————— Survey, Geological Map of, xiii.		171
————— On the Physical Geography of the, xviii.		
————— what to observe in, xvii. p. i.		
————— Mountains, lying between the Rivers Sutlej, and Kalee, Mineralogical Survey of the, Report of the, xi. ..		

Himalayan Frontier, Note on the construction of the Map of the British, in Kumaon and Gurwal, xvii. p. ii.	Page	532
Hindi and Urdu-Hindi Tazkeras, xvii. p. i. ..	..	541
Hindoo Females, Note, by Dr. Kean of Moorshedabad, on Dr. Stewart's Table of Mortality among, viii. ..	..	704
Hindoo Koosh, Wild Sheep of the, and a species of Cicada, Note on the, ix. .. .. .. ..	..	440
Hindu Kush, ii. .. .. .. ..	..	5
Hindus, Statistical Record of the duration of diseases in 13019 fatal cases, in, viii. .. .. .. ..	..	316
— Schismatics, iv. .. .. .. ..	..	65
— Colony in Armenia, v. .. .. .. ..	..	331
— Coins, ii. 412, .. .. .. ..	..	649
— Coins described, iii. .. .. .. ..	..	227
Hindustani Poetry, Early, xxii. .. .. .. ..	..	442
Hinduvee Dialect of Bundelkhund, A Short Vocabulary of the, xii. .. .. .. ..	..	1086
HINGLAJ in the Lus territory, Some account of a Journey from Kurrachee to, descriptive of the intermediate country and of the port of Soumeanee, ix. .. .. .. ..	..	134
— Map of the Route to, ix. .. .. .. ..	..	615
Hints for preserving Objects of Natural History, iv. ..	..	462
Hippopotamus, Specimens of the, and other Fossil Genera of the Sub-Himalayas in the Dadupur Collection, A. R. xix. ..	..	54
Hircine, a new mineral resin, xxi. 76 xxii. .. .. ..	..	279
Hissar, Ancient temple at, vii. .. .. .. ..	..	429
Historical Geography of Hindustan and the Origin of the Social state among the Hindus, ix. .. .. .. ..	..	848
— Notices of the Lat Inscription, iii. .. .. .. ..	..	339
History of the Sena Dynasty of Vakataha, v. .. .. .. ..	..	727
— of the Rajas of Tagoung, v. .. .. .. ..	..	161
— Chinese, extract from, v. .. .. .. ..	..	685
— of the Turks, Index to the, xiii. .. .. .. ..	..	550
— of the Greek and Indo-Scythian Kings in Bactria, Cabul and India as illustrated by decyphering the ancient legends on their coins, ix. 251, 339, 449, 627, .. .. .. ..	..	733
— Mahomedan, of Kashmir, xxiii. .. .. .. ..	..	409

HODGSON, C. K. Earthquakes in Burpetoh, xviii.	Page	174
— B. H. Description of three New Species of <i>Paradoxurus</i> inhabiting the Southern, Central, and Northern Regions of Nepal respectively, with Notices of the habits and structure of the Genus, A. R. xix...	.. .. ..	72
— Indication of a New Genus of the Carnivora, A. R. xix.	.. .. ..	60
— Notes of the Ornithology of Nepal, A. R. xix.	..	143
— On a New Species of Porcupine, xvi.	..	771
— Note on Zoological Nomenclature, v.	..	751
— On a New Genus of the Meropidæ, v.	..	360
— On the Takin of the Eastern Himalaya, xix.	.. .. ..	65
— Synopsis of the Vespertilionidæ of Nepal, iv.	.. .. ..	699
— On the Wild Goat and Wild Sheep of Himalaya with Remarks on the Genera <i>Capra</i> and <i>Ovis</i> , iv. 490, 710; v. 254; xii. 447; xvi. 490, ..	.. .. ..	1003
— Additions to the Ornithology of Nepal, v.	.. .. ..	707
— A New Genus of the Picadæ, also of two new species of the Genus <i>Sitta</i> , v.	.. ..	778
— New species of Hirundinidæ, v.	..	779
— Classical Terminology of Natural History, x.		26
— Description of a new species of <i>Columba</i> , v.		122
— Description of the Bearded Vulture of the Himalaya, iv.	.. .. ..	454
— Two new species of Meruline Birds from Catamandu, viii.	.. .. ..	37
— Description of a new genus of Falconidæ, xii.	.. .. ..	127
— Note, relative to the account of the Jarai published in the Gleanings, No. 14, i.	.. ..	66
— Summary description of two new species of Flying Squirrel, xiii.	.. .. ..	67
— Summary description of some new species of Falconidæ, v.	.. .. ..	227

HODGSON, B. H. Classified Catalogue of mammals of Nepal (corrected to end of 1841, first printed in 1832) x.	Paga	907
————— On a New Species of <i>Cervus dimorphé</i> , xii.		897
————— The Slaty Blue Megaderme— <i>Megaderma schistacea</i>) xvi.	.. .. .. ..	889
————— Specific Description of a new species of <i>Cervus</i> , iv.	.. .. .. ..	648
————— Notice of the Mammals of Tibet, with description and plates of some new species, xi.	.. ..	275
————— Note on the <i>Cervus elaphus</i> (?) of the Saul Forest of Nepal, <i>Cervus affinis</i> , x.	.. ..	721
————— Notice of a new form of the <i>Glaucoptenæ</i> or rassorial crows, inhabiting the northern region of Nepal, <i>Conostoma semodius</i> , x.	.. .. ..	856
————— New species of <i>Scolopacidae</i> , Indian Snipes, vi.	.. .. .. ..	489
————— Three new species of Monkey with remarks on the genera <i>Semnopithecus</i> et <i>Macacus</i> , ix.	.. ..	1211
————— On some new genera of Raptore with Remarks on the old Genera, vi.	.. .. ..	361
————— On the Bibos, Gauri Gau or Gawrika Gau of the Indian forests, vi.	.. .. ..	745
————— On a new genus of the <i>Sylviadæ</i> with description of three new species, vi.	.. ..	230
————— Synoptical Description of sundry new animals, enumerated in the Catalogue of Nepalese Mammals, v.	.. ..	231
————— Further Illustrations of the Antelope <i>Hodgsonii</i> , i.	.. .. .. ..	59
————— On three new genera or sub-genera of long-legged Thrushes with descriptions of their species, vi.	.. ..	101
————— Description of the little musteline animal, denominated Katheah Nyul, in the Catalogue of the Nepalese Mammalia, iv.	.. .. ..	702
————— On the Tibetan Badger, xvi.	.. ..	763
————— Synopsis of the Thar and Ghoral Antelopes, iv.	.. .. .. ..	487
————— On the Mammalia of Nepal, i...	.. ..	335

HODGSON, B. H. On a new genus of the Plantigrades, vi.	Page	560
————— On the Charj or <i>Otis Bengalensis</i> , xvi.	..	883
————— On a new species of <i>Plecotus</i> , xvi.	..	894
————— Nepal Specimens, ii.	.. ..	101
————— Description of a new species of Tibetan Antelope, xv.	.. .. ..	334
————— On a new form of the Hog-kind or <i>Suidæ</i> , xvi.	..	423
————— Postscript on the Pigmy Hog of the Saul Forest, xvi.	.. .. ..	593
————— On a new organ in the Genus <i>Moschus</i> , x.	..	795
————— Note on the Cheru Antelope, iii.	..	134
————— On a new genus of the Fissirostral Tribe at Catamandu, viii.	.. .. ..	35
————— On <i>Cuculus</i> , viii.	.. ..	136
————— Notice of the Marmot of the Himalaya and of Tibet, x.	.. .. ..	777
————— Of a new species of <i>Lagomys</i> , inhabiting Nepal, <i>Lagomys nepalensis</i> , x.	.. .. ..	854
————— Groups of Birds with indications of their generic character, v.	.. .. ..	358
————— Postscript to the account of <i>Ursitaxus</i> , printed in the 19th vol. of the Asiatic Researches, ..	..	671
————— Summary Description of four new species of Otter, viii.	.. .. ..	319
————— Indication of a new genus of Incessorial Birds, vi.	.. .. ..	110
————— Red-Billed Erolia, iv. 458 ;	.. ..	701
————— Description of three new species of Wood-pecker, vi.	.. .. ..	104
————— On a new piscatory Genus of the Strigine Family, v.	.. .. ..	363
————— On three new species of Musk (<i>Moschus</i>) inhabiting the Himalayan Districts, viii.	.. ..	202
————— On the Shou or Tibetan Stag, xix. 466, 578 ;		
xx. .. .. .. ..	..	388
————— Note on the <i>Cervus Duvaucelii</i> , v.	..	240
————— On a new species of Pheasant from Tibet, vii.	..	863

HODGSON, B. H. Illustrations of the genera of the Bovinæ, part I. Skeletons of Bos, Bibos and Bison, the individuals examined being the common Bull of Nepal, the Gowri Gao of Nepal, and the Yak, x.	Page	449
————— Various genera of the Ruminants, xvi. ..	685	
————— On the Hispid Hare of the Saul Forest, xvi. ..	572	
————— On the two wild species of Sheep inhabiting the Himalayan Region with some brief remarks on the cra- niological character of Ovis and its Allies, x.	230	
————— Catalogue of Nepalese Birds presented to the Asiatic Society, xii.	301	
————— Anatomy of Ailurus, Porcula, and Stylocerus, xvii. p. ii. 475,	573	
————— On the common Hare of the Gangetic Pro- vinces and of the Sub-Himalaya, with a slight notice of a strictly Himalayan Species, ix.	1183	
————— The Pole-cat of Tibet, xviii.	446	
————— Notice of two Marmots inhabiting respec- tively the Plains of Tibet and the Himalayan Slopes near the Snows, and also of a Rhinolophus of the Central Region of Nepal, xii.	409	
————— On the native method of making the paper denominated in Hindustan, Nepalese, i.	8	
————— A cursory Notice of Nayakote, ix.	1114	
————— Remarks on an Inscription in the Ranja and Tibetan (Uchhen) characters taken from a temple on the confines of the valley of Nepal, iv. 196,	211	
————— Note on the Primary Languunge of the Bud- dhist Writings, vi.	682	
————— Account of a visit to the ruins of Simroun, once the capital of the Methila province, iv.	121	
————— Remarks on M. Remusat's Review of Bud- dhism, iii. 499,	425	
————— Notice of some Ancient Inscriptions in the Characters of the Allahabad Column, iii.	481	
————— European Speculation on Buddhism, iii.	382	
————— Sketch of Buddhism, v. 28,	71	

HODGSON, B. H. Relics of the Catholic Mission in Tibet, xvii.	Page
p. ii.	225
————— Translation of the Napalia Devata Kalyana with Note, xii.	400
————— Remarks on the Snow Line in the Himalaya, xviii.	954
————— On the Tibetan Type of Mankind, xvii. p. ii.	222
————— Classification of Newars or Aborigines of Nepal Proper, preceded by the most Authoritative Legend relative to the origin and early history of the Race, iii. ..	215
————— On the Origin, &c. of the Kooch, Bodo and Dhimal Tribes, xviii.	702
————— Indo-Chinese Borders and their connection with the Himalayans and Tibetans, xxii.	1
————— A brief Note on Indian Ethnology, xviii. ..	238
————— Origin and Classification of the Military Tribes of Nepal, ii.	217
————— Caucasian and Mongolian Affinities, xxii. ..	26
————— On the Aborigines of the Sub-Himalayas, xvi. 1235 xvii. p. 1,	73
————— Comparative Vocabulary of the several Lan- guages and Dialects of the Eastern Sub-Himalayas from the Kali or Ghogra to the Dhansri, xvi.	1244
————— On the Aborigines of North Eastern India, xviii.	451
————— Aborigines of the South, xviii. 350, xix. ..	461
————— Aborigines of Central India, xvii. p. ii. ..	550
————— Memorandum relative to the seven cosis of Nepal, xvii. p. ii.	646
————— Sefan and Horsok Vocabularies with another Special Exposition in the wide range of Mongolian Affinities, and remarks on the lingual and physical characteristics of the Family, xxii.	121
————— Route from Katmandu to Darjeling, xvii. p. ii.	634
————— On the Physical Geography of the Himalayas, xviii.	761

	Page
HODGSON, B. H. Ethnology and Geography of the Sub-Himalayas, xvii. p. i.	544
————— On the Aborigines of Eastern Frontier, xviii.	967
————— Aborigines of the North East Frontier, xix.	309
————— On the Chepang and Kusunda Tribes of Nepal, xvii. p. ii.	650
————— On the Administration of Justice in Nepal, with some account of the several courts, extent of their Jurisdiction, and mode of Procedure, A. R. xx. ..	94
————— J. A. Memorandum on the Meridian of the Observatory at Madras and the Flag Staff of Fort William and of the Cantonment of Futtehghur in the Doab, ix. ..	75
HOMFRAY, J. Coal Field of the Damoodah Valley, a description of the, and the adjacent countries of Beerbhoom and Poorooleah as applicable to the present date, 1842, xi. ..	723
Ho Language, Grammatical Construction of the, ix. ..	997
Hong Kong , Notice on the Coleoptera of, xvii. p. ii. ..	206
HONIGBERGER, M. Journal of a Route from Dera Ghazi Khan through the Veziri Country to Kabul, in a letter to Captain C. M. Wade, iii.	175
Hooghly , Silt held in suspension by the waters of the, at Calcutta, in each month of the year, xxiii.	283
————— River, Temperature and Saltiness of the, i. ..	104
————— Account of Ice Manufacture at, i. 74, ..	204
HOOKER, J. D. Notes Chiefly Botanical, made during an excursion from Darjeling to Tonglo, xviii.	419
————— Observations made when following the Grand Trunk Road across the hills of upper Bengal, Parusnath, &c. in the Soane Valley, and on the Kymaon Branch of the Vindhya Hills, xvii. p. ii.	355
————— W. J. Directions for Collecting and Preserving Plants in Foreign Countries, i.	113
Hora S'astra , as regards the use of Greek terms, On the genuine character of the, xiv.	809
Horary Observations for Calcutta , iv.	514
Hoseinabad , Coal from, iii.	366

HOSTE, E. P. DE LA. Report on the Country between Kurra- chee, Tatta and Sehwun Scinde, ix.	..	Page	907
————— Memoranda respecting the existence of copper in the territory of Luz, ix...	..	..	30
Hot Wind in the Zillah of Purneah, A notice of a remarkable, xvii. p. i. .. .. ..	..	..	144
Hot Spring of Loland Khad, vi. .. .. ..	..	..	153
————— of Pachete, ii. .. .. ..	..	..	46
HUFFNAGLE, C. On the Electrotype, x. .. .. ..	..	..	478
HUGEL, B. Note on the Sarnath Building, iv. .. .. ..	..	..	712
————— Notice of a Visit to the Valley of Cashmir in 1836, v. .. .. .. ..	..	..	184
————— and G. FULLJAMES, Recent discovery of fossil bones in Perim Island, in the Cambay Gulph, v. .. .. ..	..	..	288
HUGON, T. Remarks on the Silkworms and Silks of Assam, vi. .. .. .. ..	..	..	21
<i>Hukong</i> valley, Produce of the, vi. .. .. ..	..	..	270
Human Race, Queries respecting the, to be addressed to Travel- ers and others, xiii. .. .. .. ..	..	..	919
<i>Hungrung</i> , Journal of a Trip through Kunawar and Spiti, un- dertaken in the year 1838, under the patronage of the Asi- atic Society of Bengal, for the purpose of determining the Geological formation of those districts, viii. 901 ix. 489, ..	..	..	555
<i>Hunumkoondah</i> , Report on the Productions and Manufactures of the district of, in the dominions of H. H. the Nizam of Hyderabad, x. 386, .. .. .. ..	..	..	471
Hurricane of the 8th April, 1838, vii. .. .. ..	..	..	422
HURRY, W. C. Note on the Trochilus and the Crocodile of Herodotus, viii. .. .. .. ..	..	..	590
HURTON, T. Wool and Woolen Manufactures of Khorassan, ix. .. .. .. ..	..	..	327
————— Journal of a Trip to the Burenda Pass in 1836, vi. ..	..	..	901
————— Note on the "Flata limbata," and the White Wax of China, xii. .. .. .. ..	..	..	898
————— Nest of the Bengal Vulture (<i>V. bengalensis</i>) with observations on the power of scent ascribed to the Vulture tribe, vi. .. .. .. ..	..	..	112

	Page
HUTTON, T. Remarks on Mathematics, ii.	374
——— Remarks on the snow line in the Himalaya, xviii.	954
——— Notice of the Himalayan Vulture Eagle, vii.	20
——— Notes on the Nidification of Indian Birds, xvii. p. ii. 3,	681
——— Geological Report on the valley of the Spiti and of the Rroute from Kotghur, x.	198
——— Extracts from a Journal kept during a voyage from England to Calcutta, in 1831, iv.	167
——— Journal of a Trip through Kunawur, Hungprung and Spiti, undertaken in the year 1838, under the patronage of the Asiatic Society of Bengal, for the purpose of determining the Geological formation of these districts, viii. 901; ix. 489,	555
——— Observations on the Ovis ammonoides of Hodgson, xvi.	568
——— Geometric Tortoise, Testudo geometrica, vi. ..	689
——— Observations on an article in Loudon's Magazine of Natural History, on the subject of the Albatross, iv. ..	106
——— Notices of some land and fresh water Shells occurring in Afghanistan, xviii.	649
——— and Lieut. J. Smith, Report on some Inscriptions found at Hammam on the southern coast of Arabia, iv. ..	533
——— Account of the Bearded Vulture of the Himalaya, iii.	522
——— Wool of the Bactrian, or two-humped Camel, Camelus bactrianus, xi.	1182
——— On the Nest of the Tailor-bird, ii.	502
——— On the Habits of the Paludinæ, i.	411
——— On the Land Shells of India, iii.	81-520
——— On the Indian Boa, Python tigris, vi.	528
——— Rough Notes on the Zoology of Candahar and the neighbouring districts, with Notes by E. Blyth, xiv. 340; xv. 135, xvi.	775
——— Notes on Natural History, i. 474,	554
——— On Galeodes vorax, xi.	857
HWAN THSANG, Verification of the Itinerary of the Chinese Pil.	

grim, through Afghanistan and India, during the first half of the 7th century of the Christian Era, xvii. p. ii.	Page	13
Hwan Thsang , Verification of the Itinerary of, through Ariana and India, with reference to Major Anderson's hypothesis of its modern compilation, xvii. p. i.		476
<hr/>		
— An attempt to identify some of the places men- tioned in the Itinerary of, xvi.		1183
Hyderabad , Bridge over the Mussi, at, i.		17
— Geology of, ii. 298,		392
Hygrometry , Experiments in, v. 396,		828
Ibn Qotaybah's Adab-al-Katab on Arabic Astronomy, a passage from, xvii. p. ii.		659
Ice , Importation of, ii.		491
— Manufacture at Hoogli, Account of, i. 74 ; ii. ..		80
Ikwan-al ḡafa , Notice of the, xvii. p. ii.		183
Iláhi Guj , Measure of the, iii.		360
Image of Buddha , iv.		56
IMPEY , — Description of a Colossal Jain Figure, nearly 80 feet high, cut in relief, discovered on a spur of the Satpurah range, xviii.		918
Index to the Indian Geological, Mineralogical and Palæontolog- ical Papers and Analyses published in the Asiatic Researches, the Gleanings in Science and the Journal of the Asiatic Society , xi. 341 ; xx..		409
India , Contributions towards history of the development of the Mineral Resources of, xi.		811
— Chinese Map of, xvii. p. ii.		60
— On the Mirage of, xxiii.		163
— Ancient Geography of, vi.		971
Indian Birds , Catalogue of, i. 261,		313
— Earthquakes, Memoir on, xiii.		964
— States, Area of, ii.		488
— Maritime Survey, Error in, corrected, i.		425
— Maritime Survey, Progress of, i.		327
— Coals, Table of Analysis of, xxi.		270
— Cyprinidæ, by Mr. John M' Clelland, A. R. xix.		217
— Arts, Notices of, ii. 158,		249

Indian and China Seas, Storms in the, vide Memoir on the Laws of Storms.	Page
— Hemp or Gunjah, Extract from, a memoir on the pre- parations of the, viii. 732,	838
— History, Critique on, iv.	394
— Sporting Review, the Osteology of the Elephant, from the, xiii.	915
— and Malayan birds, Notes on various, xi. ..	160
Indication of a new genus of Waders belonging to the Char- driatic family, v.	775
— of a new genus of the Falconidæ, v.	777
— of a new genus of Insessorial Birds, v.	770
— of a new genus of the Picidæ with description of the type, v.	778
Indo-Scythian Princes of Cabul, translation of some uncertain Greek Legends on Coins of, xx.	137
Indo-Chinese Borderers and their connection with the Hima- layans and Tibetans, xxii.	1
— Languages, vii.	56
Indo-Scythic Coins, ii.	405
Indo-Scythian Kings, extract from Proceedings of the Num- ismatic Society of London, 1837, 1838, on the comparative status of circulating media at different periods, x.	345
<i>Indus</i> , Inundation of the, xii. 183 ; xvii. p. i.	230
— and Ganges, comparison of, i.	20
— Cataclysm of the, x.	615
— Alexander's exploits on the Western Banks of the, viii. ..	304
— River, Report on the, x.	518
Ink, Action of copper on, v.	317
Inscription taken from a Baolee at Bussuntgurh at the foot of the southern range of hills running parallel to mount Aboo, x. 664,	819
— from Buddha Gaya, v.	657
— in Society's Museum, v. 724,	731
— on Goa gun, v.	795
— from Seoni, v.	726
— from Cuttack, v.	795

Inscription Sanscrit, on the Slab removed from above the Ko-thoutiya Gate of the Fort Rohats, viii.	Page	693
————— at Khunniara in the Kangra District, Notes on two, xxiii.	.. .. .. ..	57
————— Viyaya Mander, Udayapur, &c. from the, xvii. p. i.	.. .. .. ..	68
————— in the Burmese language discovered at Buddha Gaya, in 1833, Translation of an, A. R. xx.	.. ..	161
————— Translation of various, found among the ruins of Vijayanagar, A. R. xx.	.. .. ..	1
————— found in Province Wellesley, in the Peninsula of Malacca, An account of several, xvii. p. ii. 62.	.. ..	66
————— on a Slab discovered in Bundelkhund, Notice of an, viii.	.. .. .. ..	159
————— at Oomga, and Notes on the same, xvi.	.. ..	1220
————— Ancient, found at Aden, communicated to the Asiatic Society by the Government of India, xi.	.. ..	958
————— in Behar, Notice of an, as published in the May number of the Journal, 1839, ix. ..	.. ..	65
————— No. 2, of Allahabad decyphered and translated, iii. 118, 247,	.. .. .. ..	257
————— Engraved on a brick found in a village in the Juanpur district, Note on an, xix.	.. ..	454
————— found near Bhabra, three marches from Jeypore, on the road to Delhi, ix.	.. .. .. ..	616
————— Ancient, of Ceylon, ii. ..	.. .. ..	548
————— in the Lat Alphabet, vi.	.. .. ..	460
————— at Singapore, xvii. p. i... ..	.. .. ..	154
————— on a copper plate from Multaye, vi.	.. .. ..	869
————— from Ajanta caves, v. 348,	.. .. ..	556
————— Ancient, vii. ..	.. .. ..	1055
————— from Kasariah, iv. 233,	.. .. ..	286
————— at Gya, translated, iii. 214,	.. .. ..	411
————— Persian, at Oujein, vi. ..	.. .. ..	816
————— On the jetty at Singapore, vi.	.. .. ..	680
————— Bhitar Lat, vi. ..	.. .. ..	1
————— from the Khandgiri cave, vi.	.. .. ..	318

Inscription on Peshawar image, v. ..	Page
from Sanchi tope, vii. ..	562
on Jayanagar Slab, vi. ..	882
on Buddhist images, iv. ..	131
found at Pompeii, iv. ..	475
of the Bhilsa tope, vi. ..	451
from Gernar, vii. 219,	865
from Barahat, v. ..	347
from Udayagiri hills, vi. ..	1072
from Behar, Note on, xvii. p. i. ..	498
on Arabic gravestones, vi. ..	873
from Bhubaneswar, No. 2, vi. 83, ..	280
at Bamian, v. ..	188
from Peplianagar, v. ..	377
from Wara in Concan, v. 58, ..	340
Ancient, iii. ..	481
on Tamba Patras from Kaira, vii. 908, ..	966
from Asirgarh, v. ..	482
Sanscrit, from Benares, iii. ..	301
from Aswastama, vii. ..	434
from Garhwal, iv. ..	475
Pehlevi, iii. ..	566
of Carli cave, iii. ..	495
on Arracan Bell, vii. ..	287
from the Gaya caves, vi. ..	671
from Goruckpore, vii. ..	33
on Bakra Lat, iv. ..	56
on Allahabad, Column, iii. 105, 114, 118, ..	481
near the Temple of Rudradeva at Warangal, vii. ..	901
from Iskardo, vii. ..	39
Various, described, iii. ..	245
from Kemaon, v. 58, 347, ..	485
near Aden, iii. ..	554
facsimiles of ancient, v. ..	340
at Bamiana, v. ..	188
on broken lat, at Delhi, vi. ..	479
on copper plates from Goomsur, vi. ..	667

Inscription on Hala Cánárá Slab, vi.	Page	664
— Arabic at Chanderi, ii.	548
— from Cárlí pillar, vi.	1044
— from Hund, near Attock, vi.	..	876
— from Bhágalpur, iv.	166
— from Kálinger, vi.	665
— from Chunár, v. 341,	731
— Ethiopic, from Hammam, iv.	..	533
— on Feroz and other lats, vi.	..	566
— of Mathiah Lath, iii.	483
— in Lantsa Character, iv.	..	183
— Sanskrit from Behar, viii. 347 ; xvii. p. i.	..	492
— from Bákerganj, vii.	40
— Pehlevi, of coins, iv.	329
— from Oujein, Note on an, xix.	..	475
— on Girnár and Dhauli, vii.	..	334
— on Delhi iron pillar, iii. 494 ; vii.	..	629
— on Arabic Gravestone, vi.	..	873
— on Tibetan Standard, v. 248,	..	264
— Tibetan, from Iskardo, v. 57,	..	348
— from Trincomali, v.	554
— from Guzerat, iv.	477
— on Bhitari Lath, v. 303,	..	349
— on Tibetan Scarfs, v.	383
— from Damatha Cave, Moulmein, v. 280,	..	341
— on Seals of Malay Rajas, iv.	..	553
— from Province Wellesley, iv.	56
— on Brahmeswara Slab, from Cuttack, vii.	..	557
— from Thaneswar, Note on an, xxii.	673
— from Odeypore near Saugur, Note on an, ix.	..	545
— Allahabad, vi. 969, iii. 114, 118, 247, 257,	..	339
— Persian Monumental, iii.	12
— found at Iskardoh, v. 56,	..	343
— at Ramavat, iii.	1915
— from Amarávati, vi.	222
— on Tamba Patra, from Piplianagor, vii.	..	736
— on Jain images, from Ajmir, vii.	51

	Page
Inscription from Sarnath, iv. 134, 181, 211, ..	713
————— from the Neighbourhood of Bareilly, vi. ..	777
————— from Sainhadri Caves, vi. ..	1044
————— from Dipaldina, vi. ..	218
Insect Collectors, a few Instructions for, xi. ..	473
Insects, on the Preservation of, iv. ..	469
Insessores, Genera of Nepalese, vi. ..	110
Inundation of the Indus, xii. ..	183
————— of the Indus, taken from the lips of an eye-witness,	
A. D. 1842, xvii. p. i.	230
Iron Ore of Korana in the Jetch Dooab of the Punjab, Notes on the, with a Qualitative Analysis of the same, xxiii. ..	92
————— Mines of the Raniganj District, Memorandum on the prospect of remuneration in working the, xxii. ..	484
————— Ore of the district of Burdwan, Note on the smelting of the, viii.	683
————— from the Dhunakar Hills, Birbhoom, Note on a Specimen, xiv. 754 ; xix.	77
————— of the Kasia Hills, i. 150, xi.	853
————— Ores from Mergui, and of Limestone from Mergui, Analysis of, xii.	236
————— Tension Bridges, A Resultant System for the Construction of, xvii. p. ii.	412
————— Works of Cherra Punji, iii.	25
————— Smelting with heated air, i.	571
————— Strength of, iv.	225
————— on the Preservation of, iii.	191
————— Analysis of Sulphate of, ii.	321
————— Suspension Roof, iv.	111
————— Suspension Bridge, ii.	538
————— Corrosion of, by Salt Water, &c. xii.	1066
————— Mines of Hydrabad, ii.	402
Irrawaddy River, Navigation of, vi. ..	261
————— Note on the Discharge of Water by the, xxii. ..	480
Irrigation, An Improvement in, xi. ..	39
IRVINE, R. H. A few Observations on the probable results of a scientific research after metaliferous deposits in the Sub-Himalayan Range around Darjeeling, xvii. p. i. ..	137

	Page
IRVINE, R. H. on the Cotton called Nurma, xi.	311
IRWIN, Memoir on the Climate, Soil, Produce and Husbandry of Afghanistan and the Neighbouring Countries, viii.	745
779, 869, 1005 ; ix. 33,	.. .. ..
..	189
Isauropolis, Bishop of, On Cochin Chinese Geography, vi.	737
vii.	317
Isinglass in Polynemus sele, viii.	.. .. ..
..	203
——— Note on the habits of the Coel and on the discovery of, viii.	.. .. .. ..
..	684
Iskardo, description of, iv.	.. .. ..
..	589
——— Supposed to be Aornos, vi.	.. .. ..
..	774
——— Inscriptions found at, v. 56,	.. .. ..
..	348
ISMÁEL, M. The Zenetr of Syad Ahmed, i.	.. ..
.. ..	479
Itinerary of Heuan Thsang, An attempt to identify some of the places mentioned in the, xvi.	.. .. ..
..	1183
JACOB, W. S. Replies to Lieut. Burt's Astronomical Questions, iii.	310
——— On the correction of the Index Error of altitude instruments, iv.	.. .. .. ..
..	519
JACQUET, E. Notice of the Vallabhi dynasty of Saurashtra, extracted from the Buddhist records of the Chinese, v.	.. ..
.. ..	685
JACKSON, W. On the native mode of preparing the perfum- ed oils of jasmine and bela, at Ghazeepore, viii.	.. ..
.. ..	496
——— On the cultivation of roses and the manufac- ture of Rose Water and Uttur at Ghazeepore, viii.	.. ..
.. ..	411
——— Notices of two heads found in the northern districts of the Punjab with drawings, xxi.	.. ..
.. ..	511
——— Sculpture in alto-relievo sent by the Governor General to the Asiatic Society, xxii.	.. ..
.. ..	193
——— On the iron mines of Beerbhoom, xiv.	.. ..
.. ..	754
Jain, Figure nearly 80 feet high (Description of a colossal) cut in relief, discovered on a spur of the Satpurah Range on the Nurbudda, xviii.	.. .. ..
..	918
—— Temples on Mount Abu, ii.	.. .. ..
..	161
Jajipur, Ruins and pillar at, vii. 53,	.. ..
.. ..	200
JAMESON, W. First Report of his Deputation, by Government, to examine the effects of the great Inundation of the Indus, xii.	.. .. .. .. ..
..	183
——— On the Geographic Distribution of the Vulturidæ,	

Falconidæ and Strigedæ, being the first of a series of memoirs intended to illustrate the geographic distribution of the Ornithological Kingdom, viii.	Page	321
JAMESON, W. Report on the Museum of the Asiatic Society, viii.	241	
——— On the distribution of European Birds, viii.	21	
Japanese Mirror , Notes on the, i.	242	
Japanned ware of Ava , An account of, i.	169	
Jasper or Yu stone of Ava , vi.	265	
Jawar , Note on the Zinc Mines of, xix.	212	
Jamutra in Cuch , Boring at, iii.	40	
Jaya Chandra , Note on a Copper Land Grant of, x.	98	
——— On a coin of, xxi.	402	
JEFFREYS, J. An enquiry into the Laws governing the two great powers, Attraction and Repulsion, as operating in the aggregation and combination of atoms, ii. 441,	506	
Jalalabad , Description of Ruins near, v.	393	
——— Description of, iii.	325	
——— Seat of Nysæan kings, v.	20	
JENKINS, F. Interpretation of an Ahom extract, vi.	980	
——— Earthquakes in Assam, xviii.	172	
——— Paper on ancient land grants on copper discovered in Assam, ix.	766	
——— Further discovery of Coal beds in Assam, iv.	704	
JERDON, F. C. Reptiles inhabiting the Peninsula of India, xxii. 462,	522	
Jerusalem , Monkish Frauds at, iv.	442	
Jesalmer library , Note on the, vi.	240	
JESSOP & Co. Note on the smelting of the iron ore of the District of Burdwan, viii.	683	
Jhelum , Descriptive notice of the districts of, xix.	43	
Johole , in Malacca, Account of, v.	257	
Jonesean Orthography , iii.	413	
JONES , Journal of a Steam Trip to the north of Baghdad, xvi.	301	
Jonpur , Old Fort near, iii.	617	
Journal of Capt. Herbert on a Tour from Almorah through parts of the Province of Kemaon and British Gurhwal chiefly in the Centre of the Hills, xiii...	734	

	Page
<i>Journal des Savans</i> quoted, vi.	466
— of a Mission from the Supreme Government of India to the Court of Siam, viii. 1016, ix.	219
<i>Journal of the routes to the sources of the Punjab Rivers</i> , x...	1
— of an Expedition into the Naga Hills on the Assam Frontier, ix.	947
— Madras Literary, ii.	557
<i>Journey from Ava to Kendat</i> , ii.	59
— Narrative of a, from Soobathoo to Shepke, in Chinese Tartary, xi.	363
<i>Juanpur</i> , Note on an Inscription engraved on a brick found in a village in the District of, xix.	454
<i>Jubbulpore</i> , Fossil Jaw sent from, x...	620
<i>Jugloo</i> and <i>Seesee</i> rivers in upper Assam, Account of a visit to the, together with a note on the gold fields of that Province, xxii.	511
<i>Jullalabad</i> , A geographical notice of the Valley of, xi. 117 ; xiii.	867
<i>Jullundhur Doab</i> , a Report of the Kohistan of the, xvii. p. i...	281
<i>Jumna</i> Salt Works, iii.	33
— and <i>Sutlej</i> Rivers, Levels taken of the, ix.	688
— Rocks of the, iv.	261
<i>Jupiter's Satellites</i> , Eclipses of, i. 504,	570
<i>Justice</i> , On the Administration of, in Nepal, with some account of the several courts extant, of their Jurisdiction and modes of Procedure, A. R. xx.	94
<i>Juwahir</i> , Visit to Melum and the Oonta Dhoora pass, in, xi.	1157
<i>Kadphises</i> , variations of the name of, v.	553
<i>Kabul</i> , Description of, ii.	3
<i>Kahgyur</i> , Abstract of the first portion of, i. 1,	575
— Analysis of the Dulva, a portion of the Tibetan Work entitled the, A. R. xx.	41
— Analysis of the Sher Chin, Phal Chhen, Dkon Seks, Do, De, Nyang Das and Gyut, being the second division of the Tibetan Work entitled the, A. R. xx.	393
<i>Kaira</i> plates, Dr. A. Burn on the, vi.	895

	Page
<i>Kaira Tamba patra from</i> , vii.	966
<i>Kakutsanda</i> , the first Buddha, v.	322
<i>Kala Chakra System</i> , Origin of the, ii.	57
<i>Kala Bagh</i> , account of, vii.	25
<i>Kalat</i> , Brief History of, brought down to the deposition and death of Mehrab Khan Brahoee, xii.	473
<i>Kali or Ghogra to Dhansri</i> , Languages or Dialects of the Eastern Sub-Himalayas from, xvi.	1245
<i>Kalibheet Hills</i> , Geography of the, iii.	61
<i>KALIDASS</i> , Analysis of the Raghu Vansa, a Sanskrit Poem of, xxi.	445
————— Birth of Umá, ii.	329
<i>KALIKRISHNA DEVA</i> , Specimen of some ornamental forms of Persian writing, ii.	613
————— Description of an Indian Balance called Tula, ii.	615
<i>Kalinjar</i> , Description of the Antiquities at, xvii. p. i. 171, ..	313
<i>Kaliya Deh</i> , temple of, vi.	819
<i>KAMALAKANTA VIDYALUNKAR</i> , Tribute of the Pandit, to the Rev. Dr. Mill, vi.	710
<i>Kamrup</i> , brief notice of the Sil Hako or Stone Bridge in Zillah, xx.	291
————— History of, iv.	191
<i>Kanari</i> , Opening of the Topes at the Caves of, x.	94
<i>Kandy</i> , Table of Rain at, iv. 709 ; vi.	618
<i>Kanerkos</i> , coins of, iii.	441
<i>Kangtis of Assam</i> , v. 197,	199
<i>Kankar Strata of the Jumna</i> , iv.	267
<i>Kansonapuri</i> , now called Rungamutty, the ancient city of, xxii. ..	281
<i>Karmika System</i> , v.	78
<i>Kashmir</i> , An Essay on the Arian Order of Architecture as exhibited in the temples of, xvii. p. ii.	241
————— Geography of, vi.	766
————— Description of the valley of, vi.	766
————— A Sketch of the Mahomedan History of, xxiii.	409
————— see <i>Cashmir</i> .	
<i>Kusia mountains</i> , Geology of the, vii.	69

	Page
<i>Kasya Hills</i> , Note on their Coal Strata, i. 250 ..	252
————— Iron smelting in, i. 150 ; xi. ..	853
————— and People, Notes on the, xiii. ..	612
————— Geological specimens from, iii. ..	293
<i>Kasyapa</i> , the third Buddha, v. ..	327
<i>Katmandu to Darjeling</i> , Route from, xvii. p. ii. ..	634
<i>Kathmandoo</i> , Nepaulite, on a new mineral from the neighbourhood of, xxiii.	170
<i>Kaulfussia</i> , Description of two Genera of the family of Hamamelideæ, two species of Podostemon and one species of, A. R. xix.	94
KAY , W. On the connection of the Dative and the Accusative cases in Bengali and Hindustani, xxi. ..	105
KEAN , Note on Dr. Stewart's Table of Mortality among Hindu females, of Moorshedabad, viii. ..	704
KERR , Copper specimens sent by Mr. ii. ..	94
<i>Keisaney</i> , a Hindu idol, v. ..	338
<i>Kemaon and Ghurwal</i> , Copper Mines of, vii. 934 ; viii. 471 ; xii. Report on the Bhotia Mehals of, ii. ..	769
————— Geological specimens from, vi. ..	551
————— Mountain Trout of, iv. ..	653
————— Natural History of, iv. 355, 359, ..	39
————— Tridents in, v. ..	410
————— and Rohilcund Turaee, A few Notes on the subject of the, xiii.	485
————— Notice of (Lieut.) Strachey's Scientific Enquiries in, xix.	887
<i>Keneksen</i> , Speculation regarding, iv. ..	239
KERAMAT ALI , Minerals and Plants sent by, iii. ..	640
————— Coins from, iii. ..	303
————— Khamti character, specimen of, vi. ..	247
<i>Khaiber</i> tope, description of, vi. ..	879
<i>Khamti</i> character, specimen of, vi. ..	21
————— Alphabet of Ahom and, v. ..	757
<i>Khandahar</i> , Note of discoveries of Gems from, ix. ..	97
<i>Khandgiri</i> , Inscription and cave, vi. ..	318
KHAN ALI , On a march between Mhow and Sagur, vii. ..	805
————— On the Huli in Malwa, ix. ..	311

<i>Kharrakpur Hills, Description and Analysis of a large mass of Meteoric Iron from the,</i> xvii. p. ii.	Page	538
KHASH ALEE SHEKH, Account of the Esafzai Affghans, inhabiting Sama, xiv.	736	
<i>Khorasan, Ibn Haokul's account of,</i> xxii.	152	
______ Wool and Woolen Manufactures of, ix. ..	327	
______ Articles of Trade in, x.	718	
______ Extracts from demi-official reports on a Mission into, x.	116	
<i>Khota, Description of an Astronomical Instrument presented by Ram Singh of, to the Government of India,</i> viii. ..	831	
<i>Khunniara, in the Kangra district, Notes on two Inscriptions at,</i> xxiii.	57	
<i>Khyrpoor and the Fortress of Bukur in the North Sind, A short account of,</i> ix.	1187	
<i>Kiang, Notice of the,</i> xvii. p. ii.	1	
KITTOE, M. Account of a Journey from Calcutta via Cuttack and Pooree to Sumbulpur, and from thence to Midnapur, through the forests of Orissa, viii. 367, 474, 606, ..	671	
______ Note on a pillar found in the Ganges near Pubna and of another at Kurra near Allahabad, viii.	681	
______ Memorandum on some ancient gold coins found near Benares in 1851, xxi.	390	
______ Hints on the easiest method of taking and preparing drawings for lithograph, xvi.	368	
______ Notes on the places in the province of Behar, supposed to be those described by Chy Fa Hian, xvi. ..	953	
______ Report on the coal and iron mines of Talcheer and Ungool, viii.	137	
______ Notes on the caves of Burabur, xvi. ..	401	
______ Sanscrit inscription from Behar, xvii. p. i. ..	492	
______ Notes on the Sculptures of Budda Gaya, xvi. ..	334	
______ Instructions how to take correct Facsimiles of Inscriptions, xvi.	366	
______ Inscriptions at Oomga and Notes on the same, xvi.	1220	
______ Note on an Inscription from Juanpur, xix. ..	454	

	Page
KIRTOE, M. Extracts from the Journal of, on the Ruins and Pillar at Jyepur, vii. 53,	200
——— Section of a Hill in Cuttack supposed to be likely to contain coal, vii.	152
——— Sketch of the sculptured images on the temple of Grameswara near Ratrapur, vii.	660
——— Journal of a Tour in the Province of Orissa, vii. 679,	1060
——— Sketch of the Temple to Durga at Badeswur, &c. vii.	828
——— Extract of a letter from, on antiquarian researches, xvii. p. i. 234,	536
——— Notes on the Viharas and Chaityas of Behar, xvi.	272
KNIGHTON, W. On the Rock Temples of Dambool, in Ceylon, 'xvi.	340
——— On the Ruins of Anuradhapura, xvi. ..	213
Kocch, Bodo and Dhimal Tribes, On the Origin, Location, Numbers, Creed, Customs, Character and Condition of the, xviii.	702
<i>Kohel et Terafeh</i> , Note on the formations and Lead Mines of, xix.	217
<i>Kohistun</i> of the Jullundhur Doab, A report on the, xvii. p. i. ..	281
<i>Kokan</i> , Commerce of, iii.	376
——— Chinese relation with, iii.	373
——— State, Account of, iii.	369
<i>Kolehan</i> , Memoir on the Hodesum or, ix.	783
Konagamma, the second Buddha, v.	325
<i>Koompta</i> on the Western coast (South India) by the Devamunni and Nundibananamah passes, easterly to Cumbum and thence southerly to Chittoor, Notes chiefly Geographical from, comprising a notice of the Diamond and Lead Excavations of Buswapur, xv.	380
<i>Koonawur Languages</i> , A Vocabulary of the, xi.	479
<i>Korana</i> , in the Jetch Dooab of the Punjab, Notes on the Iron Ore of, with a Qualitative Analysis of the same, xxiii. ..	92
KÖROS, A. C. Translation of a Tibetan fragment with remarks, i.	269

KOROS, A. C. Notices on the different systems of Buddhism, extracted from the Tibetan authorities, vii. ..	Page	142
————— Enumeration of Historical and Grammatical works to be met with in Tibet, vii. ..		147
————— For other papers by this author, vide Csoma de Kôrös.		
<i>Kotah</i> , Memoir on the Coal found at, with a Note on the An- thracite of Duntimnapilly, x.		341
<i>Koteli</i> , On the manufacture of the Matchlock of, xvii. p. i. ..		277
<i>Kotgurh and Soobathoo</i> , A general statement of the Weather at, for 1819-20-21, xii.		749
————— Description of, vi.		905
————— Geological Report on the Valley of the Spiti and of the Route from, x.		198
<i>Kothoutiya gate of the Fort Rohtas</i> , Sanscrit Inscription on the Slab removed from above the, viii.		693
KRISHNA MOHUN BANNERJI , The Mahimanastava or a Hymn to Shiva, with an English translation, viii.		355
<i>Kufic Silver Coins</i> , an account of eight, xx.		537
<i>Kujukzyes (Upper Sinde)</i> General Notice of the tribe of, ix.		1214
<i>Kukumb ka Tel</i> , ii.		592
<i>Kuladyne River</i> , a Note of some Hill Tribes on the, xv. ..		60
<i>Kulu and Lahul</i> ; Journal of a Trip through, to the Chu Mureri Lake in Ladak, during the months of August and September, 1846, xvii. p. i.		201
<i>Kumbhi</i> , Notice of a grant engraved on Copper, found at, in the Saugor Territory, viii.		481
<i>Kunawar</i> , Journal of a Trip through Hungrung and Spiti, under- taken in the year 1838, under the patronage of the Asiatic Society of Bengal, for the purpose of determining the Geologi- cal Formation of those districts, viii. 901 ; ix. 489, ..		555
<i>Kunchenjenga</i> , and of the perpetually snow-covered peaks in its vicinity, Notes upon a Tour in the Sikkim Himalayah Mountains, undertaken for the purpose of ascertaining the Geological Formation of, xxii. 540,		611
KUPFFER , M. Specific Gravity of Metallic Alloys, ii. ..		270

	Page
<i>Kurrachee, Tatta and Sehwan Scinde, Report on the country between, ix.</i>	907
<i>Kurrukpare Hills, xxi.</i>	195
<i>Kusunda Tribes of Nepal, Chepang and, xvii. p. ii.</i>	650
<i>Kyook Phyoo, Lignite from, iii.</i>	302
<i>Labong, Richardson's visit to, v.</i>	613
— History of Moulmein and, vi.	55
<i>Ladakh, Notes on Moorcroft's Travels in, and on Gerard's account of Kunawar, xiii. 172,</i>	223
<i>Lagomys inhabiting Nepal, A new species of, x.</i>	854
<i>Lahore, Earthquake at, i.</i>	34
<i>LAIDLAY, J. W. On the coins of the independent Muhammadan Sovereigns of Bengal, xv.</i>	323
— Observations on the rate of evaporation on the open sea, with a description of an instrument used for indicating its amount, xiv.	213
— Notice of a Chinese Geographical Work, xviii.	137
— Note on a Sanscrit Inscription from Behar, xvii. p. i.	498
— Note on the Inscriptions from Singapore and Province Wellesley forwarded by the Hon'ble Col. Butterworth and Col. J. Low, xvii. p. ii.	66
— On preparing Facsimiles of coins, &c. xviii.	976
— On Catadioptric Microscopes, iii.	288
— Daily Evaporation in Calcutta, xvii. p. i.	236
— Note on Indo-Scythic coins, xvii. p. i.	454
— Analysis of Raw Silk, iv.	710
— Note on an Inscription from Keddah, xviii.	247
<i>LAMB, G. Abstract of Registers of Temperature and Fall of Rain kept by Medical Officers in different part of India, xxi.</i>	383
— Register of the Fall of Rain in inches at Dacca from 1827 to 1844, iv.	405
<i>Lambton's Tomb, Geology near, v.</i>	120
<i>Land, Produce and rent of, iii.</i>	475
— Snails, account of a new Genus of, i.	11
— Shells of the Tenasserim Provinces, the, xvii. p. i.	62

	Page
<i>Landour and Masuri</i> , Geological Sketch of, i. ..	193
— Abstract of Thermometrical Register at, i. ..	195
<i>Language of Socotra</i> , iv... ..	165
— Ancient Pehlevi, iv. ..	329
— Nagari, iv. ..	477
— of the Goands, xvi. ..	286
<i>Languages</i> , a Vocabulary of the Koonawur, xi. ..	479
— of Asia, vii. ..	707
— Vocabulary of Indo-Chinese, vi. ..	1023
— or Dialects of the Eastern Sub-Himalayas from Kali or Ghogra to Dhansri, xvi. ..	1244
— Comparison of the Tai, Shan and Ahom, vi. ..	19
<i>Lepidodendra</i> , Note on, Scapes of Xanthorrhæa and Fossil stems of, viii.	685
LASSEN , C. Points in the History of Greek and Indo-Scythian Kings in Bactria, Cabul and India as illustrated by decyphering the ancient legends on their coins ix. 251, 339, 627, 449,	733
— Pentapotamia quoted by, vi.	386
— Objects of Research in Affghanistan, viii. ..	145
<i>Laterite</i> , Questions regarding, iv. 427, ..	433
— Found near Rangoon, Remarks on the subject of, xxii...	196
<i>Lath</i> at Allahabad, Motion respecting the, v. ..	518
<i>Latitudes and Longitudes</i> , iii.	70
LATTER , T. Remarks on a Boeddhist coin or medal, sent to the Society through Capt. Macleod, Assistant Commissioner, Tenasserim, by H. H. the Prince of Mekkara, xiii. ..	571
— A Note on some Hill Tribes on the Kuladyne river, Arakan, xv.	60
— The symbolical coins of Arakan, xv. ..	238
— On the Buddhist emblems of Architecture, xiv. ..	623
<i>Law of Storms</i> in the Indian and China Seas, Memoirs on the, viii. 559, 631 ; ix. 107, 973, 1009 ; x. 895 ; xi. 6, 605, 971 ; xii. 339, 771 ; xiii. 69 ; xiv. 10, 357, 703, 878 ; xvii. p. i. 27-517 ; xviii. 252, 826, 869 ; xix. 349 ; xx. 13, 195 ; xxi. 283, 50 ; xxiii. 1,	505
— of Mortality, the Expectation of Life and the Values of Annuities, India and England, comparative Tables of the, xii.	1057

LAYARD, F. P. On the ancient city of Kansonapari now called Rangamutty, xxii.	Page	281
— — — Nooks and Corners of Bengal, No. 1, xxi. ..		148
— — — The Mausoleum of the Nawabs Ali Verdi Khan and Sooraj-ood-Dowlah, xxi.		504
LEA, I. Characters of three New Species of Indian fresh water Bivalves with Notes by W. H. Benson, Esq. iv. ..		450
Lead Mines of Kohel et Terafeh, Note on the formations and, xix.		217
— Excavations of Buswapur on the Western Coasts, S. India, xv.		330
LEECH, R. A Grammar of the Cashmere Language, xiii. 397,		553
— — — A Description of the country of Scisthan, xiii. ..		115
— — — Grammar of the Pooshtoo or Afghanee Language, viii.		1
— — — An Account of the Panjkora Valley and of Lower and Upper Kashkor, xiv.		812
— — — Journal of a Tour through parts of the Punjab and Affghanistan, in the year 1837, by Agha Abbas of Shiraz, xii.		564
— — — Epitome of the Grammar of the Brahuiky the Balochky and the Panjabi languages, with Vocabularies of the Baraky, the Pashi, the Laghmani, the Cashgari, the Turbai and the Dur dialects, vii. 538, 608, 711, ..		780
— — — Route from Dera Ghazee Khan to Candahar, through the Sakhee Sarwar Pass and Buzzdar, with other routes, xiii. ..		527
— — — An account of the early Ghiljaees, xiv. ..		306
— — — Account of parts of the Cabul and Peshawur Territories, xiv.		660
— — — Notes taken on a Tour through parts of Baloocheesthan, in 1838 and 1839, by Hajee Abdun Nubee of Kabul, xiii. 667,		786
— — — Notes on, and a short Vocabulary of, the Hinduvee Dialect of Bundelkhand, xii.		1086
— — — Brief History of Kelat, brought down to the deposition and death of Mehrab Khan, Brahoee, xii. ..		473
— — — An account of the early Abdalees, xiv. ..		445

LEECH, R. Notes on the Religion of the Sikhs, being a Notice of their Prayers, Holidays, and Shrines, xiv.	Page	393
——— A Supplementary Account of the Hazarahs, xiv.		333
Lepchas of Sikkim with a Vocabulary of their Language, Note on the, ix.		379
Letter forwarding a paper on the formation of the Museum of Economic Geology of India, from Captain Tremenheere, Engineers, ix.		973
——— to Government, Extract from Dr. M'Clelland's, on Capt. Tremenheere's report, xi.		25
——— from Dr. Jameson to Mr. Clerk, on the Geology of Kalabagh, xi.		1
——— from the Emperor of China, to the king of Ava, vi.		542
Leiotrichane Birds of the Sub-Himalayas, On the, with some additions, annotations, a Synopsis of the Indian Pari and of the Indian Fringillidæ, xiii.		933
Levels taken, by order of the Right Honorable the Governor General, between the Jumna and Sutlej rivers, ix.		688
LEWIS, H. and H. COPE, Some account of the Kalán Musjeed, xvi.		577
Libraries, Catalogues of Oriental, xxii.		535
Library, Fort William, transferred to the Asiatic Society, v. 125, 190,..		372
——— at Jessulmere, xvii. p. i.		158
Lichens, with the botanical relationship existing between them and the Indian productions, A connected view of the Species of, x.		888
——— in the Himalayas, x.		828
——— used in dyeing, On, vi.		892
Life-estimate in Civil Service, vi.		341
Light, Effect of coloured, ii.		494
Lignite from Kyook Phyoo, iii.		302
Limboos and other Hills Tribes hitherto undescribed, Note on the, ix.		595
Limestone from Mergui, Analysis of Iron Ores and of, xii.		236
——— Formation of England, i. ..		424
——— Analysis of, ii.		402
Lingam at Bhojpur, xvii. p. i.		154

		Page
Linnean Society, Extracts from Proceedings of, ii.		156
Liquid brown from Manikyala, iii. ..	..	567
Liquid amber tree of the Tenasserim Provinces, The, xvii. p. i.		532
LISTON, D. Notice of a Colossal Alto-Relievo, known by the name of Mata Koonr situated near Kussia Tannah, in Per-gunnah Sidowa, Eastern Division of Gorakpur district, vi...		477
— Translation of a Servitude Bond granted by a cultivator over his family and of a Deed of Sale of two slaves, vi.		950
Literature and History of the Veda, on three Treatises on the, xvi. .. .. .. ..	..	812
Literary Intelligence, xx. 281, 430, 352, 620; xxi. 185, 429, 535; xxii. 403, 491; xxiii. 95, 191, 387, 498, .. ..	..	717
Lithontrity practised in Persia, i. .. .. ..	..	419
LLOYD, R. A short Notice of the Coast-line, and the Rivers and Islands adjacent, forming a portion of the Mergui Province, vii.		1027
— T. H. A Note on the satin embroidered scarfs of the Tibetan priests, v. .. .. .. ..	..	383
— Further Notes respecting the late Csoma de Koros, xiv. .. .. .. ..	..	823
— Indian Geology, ii. .. .. .. ..	..	157
Local and relative Geology of Singapore, including Notices of Sumatra, the Malay Peninsula, &c. xvi. .. .. .. ..	..	667
LOCKETT, — Hints to Students of Arabic, xvi. .. ..	..	373
Logarithms, Table of Proportional, x. .. ..	..	713
Logarithmic Tables, Compendious, xi. .. ..	..	40
LOGAN, J. R. On the Local and Relative Geology of Singapore, including Notices of Sumatra, &c. xvi. 519, ..	..	667
LONG, J. Analysis of the Raghu Vansa, a Sanskrit Poem of Kalidasa, xxi. .. .. .. ..	..	445
— Analysis of the Raj Mála, xix. .. ..	..	533
— Queries on the Archæology of India, xvi. .. ..	..	285
— Tables of Comparative Philology, shewing specimens of the Affinity of the Greek, Latin and English languages, with the Sanskrit, Persian, Russian, Gaelic, Welsh, Lithuanian, German, Hebrew and Anglo-Saxon, xii. ..	..	837
Longitudes of Nasirabad, iv. .. .. .. ..	..	52
— Observed, iii. .. .. .. ..	..	297

LORD, P. B. Some account of a visit to the plain of Koh-i-Daman, the district of Ghorband and the pass of Hindu Kush, with a few general observations respecting the structure and conformations of the country from the Indus to Kabul, vii.	521
LOUD, T. New Patent improved Piano-Forte, ii...	Page 269
LOUIS, J. Note on the Geography of Cochin China, vi.	.. 737
LOW, J. On Siamese Literature, A. R. xx.	.. 338
——— On the Government of Siam, A. R. xx.	.. 245
——— Extract of a letter from, xvii. p. i.	.. 232
——— A few Gleanings in Buddhism, xvii. p. i.	.. 591
——— Notice on an Inscription from Keddah, xviii.	.. 247
——— Gleanings in Buddhism or translations of passages from a Siamese version of a Pali work termed in Siamese Phra Pat hom, xvii. p. ii.	.. .. .. 72
——— An account of several Inscriptions found in Province Wellesley on the Peninsula of Malacca, xvii. p. ii.	.. 62
——— General Observation on the contending claims to Antiquity of Brahmans and Buddhists, xviii.	.. .. 89
Lucknow , Meteorological Register kept at, for the month of May, 1854, xxiii.	.. .. .. (76)
——— Reports upon His Majesty the King of Oude's Observatory at, xvii. p. i.	.. .. .. 507
Lullutpore , in Bundlecund, Notice on the Feruginous Spherules imbedded in Sandstone from, xvi...	.. .. .. 711
Lunar Transits at Nasirabad, iv.	.. .. .. 52
——— Distance, clearing of, i.	.. .. .. 552
LUSH, C. Geological Notes on the Northern Conkan and a small portion of Guzerat and Kattywar, v.	.. .. 761
LUSHINGTON, G. S. Report on the Government Experimental Working of the Copper Mines of Pokree in Ghurwal, with notices of other Copper Mines, xii. 453,	.. .. 769
——— On the Marriages, Rites and Usages of the Jats of Bharatpore, ii.	.. .. .. 273
Luz near Bela , Memoranda respecting the existence of Copper in the territory of, ix.	.. .. .. 30
Lynx , a Monograph of the Species of, xi.	.. .. .. 740
Macoa , Fall of barometer, at, vi.	.. .. .. 619

MACGOWAN, D. J. An Inscription from a Tablet in a Bud-							
dhist Monastery at Ningpo, in China, xiii. ..	Page	113					
<hr/>							
——— Remarks on Showers of Sand in the Chinese							
Plain, xx.	192						
MACGREGOR, M. A. An improvement in Irrigation, xi. ..	39						
<hr/>							
——— G. H. A Geographical Notice of the Valley of							
Jullalabad, xi. 117 ; xiii.	867						
MACKENZIE, C. View of the Principal Political Events that							
occurred in the Carnatic, from the dissolution of the ancient							
Hindoo Government in 1564, till the Mogul Government was							
established in 1687, and on the Conquest of the Capitals of							
Beejapore and Golconda, xiii. 421,	578						
<hr/>							
——— MSS. collection of, vi. 397 ; vii. 105, 173,							
371,	469						
MACKESON, F. Journal of C. M. Wade's voyage from Lodiana							
to Methankot by the river Sutlej, on his Mission to Lahore							
and Bahawalpur, in 1832-33, vi.	169						
<hr/>							
——— Report on the Route from Seersa to Bahawul-							
pur, xiii.	297						
MACLAGAN, R. Fragments of the History of Mooltan, the							
Derajat and Buhawulpur, from Persian MSS. xvii. p. ii. ..	559						
<hr/>							
——— List of Arabic works, preserved in a library							
at Aleppo, xxiii.	44						
MACLEOD, J. D. Note on the Map attached to the Report of the							
Coal Committee, in the 98th Number of the Journal of the							
Asiatic Society, ix.	582						
<hr/>							
——— T. E. Abstract Journal of an Expedition to Kiang							
Hang on the Chinese Frontier, starting from Moulmein on the							
13th December, 1836, vi.	989						
<hr/>							
——— D. Abstract Report of the Proceedings of the Com-							
mittee appointed to superintend the Boring Operations in							
Fort William from their commencement in December, 1835							
to their close in April, 1840, ix.	677						
<hr/>							
——— Extracts from Official Records with descriptive							
details regarding the New Nizamut Palace of Moorshedab-							
bad, viii.	552						
<hr/>							
——— Memorandum regarding specimens from Seoni,							
Chupara, vi.	1019						

MACLELLAND, J. Natural History of the Foetus of the Squalus, maximus, iv.	Page
On Isinglass in Polynemus sele, Buch, a species which is very common in the Estuaries of the Gan- ges, viii.	324
Note on the discharge of water by the Ira- waddy, xxii.	203
On the Fossil Shells of Cherra Punji, iv.	480
Indian Cyprinidæ, A. R. xix.	520
Memoranda on the Museum of the Asiatic Society, viii.	217
Notice of some Fossil Impressions occurring in the Transition Limestone of Kamaon, iii.	415
Description of the (so-called) mountain Trout of Kemaon, iv.	628
Catalogue of Geological Specimens from Kemaon, presented to the Asiatic Society, vi.	39
On the difference of level in Indian Coal fields and the causes to which this may be ascribed, vii.	653
Observations on six new species of Cypri- nidæ with an outline of a new classification of the family, vii.	65
On the genus Hexaprotodon of Dr. Falconer and Captain Cautley, vii.	941
MACCOSH, J. Account of the Mountain Tribes on the extreme N. E. Frontier of Bengal, v.	1038
MACRITCHIE, J. Meteorological Register for 1833 kept at Ban- coora, iii.	193
J. Meteorological Table kept at Bancoora, for the years 1832, i. 154, ii. 383, iii.	190
<i>Madagascar</i> , Treatise on the Poetry of, i.	86
MADDEN, E. Diary of an Excursion to the Shatool and Boorun Passes, over the Himalaya, in Sept. 1845, xv.	79
Notes of an Excursion to the Pindaree Glacier in September, 1846, xvi. 226,	596
The Turaee and Outer Mountains of Kumaon, xvii. p. i. 349, xviii.	603
<i>Madras</i> , Literary Society, Proceedings of, ii. 154,	550

	Page
<i>Madras</i> , Astronomical Observations, ii.	380
— The Quarterly Journal of, v.	439
<i>Magadhi dialect</i> , M. Csoma Korosi, on the, vi.	688
<i>Mágha</i> , Sisupala Badha or death of Sisupala, by, viii.	16
<i>Magic Square cut in a Temple at Gwalior</i> , On an ancient, xi.	292
<i>Magnesia</i> , Analysis of Carbonate of, iv.	510
<i>Magnet</i> , Electric spark from, i.	477
<i>Magnetic Observations</i> , by la Bonite, vi.	319
— Variation at Diamond Harbour, vi.	319
— Dip and Intensity at Madras, vi.	374
<i>Mahábalipuram</i> , Notes on the Ruins at, xxii.	656
<i>Mahábhárata</i> , Extract from, iii.	269
<i>Mahápurushyas</i> , a sect of Vaisnavas in Assam, xx.	455
<i>Mahimanastava</i> , or a Hymn to Shiva, The, viii.	355
<i>MAINGY</i> , Mr. Mergui Dye Wood, i.	205
<i>Mahadeo Hills</i> , Geology of, iii.	73
<i>MAISEY</i> , F. Description of the Antiquities at Kalinjar, xvii. p. i.	171
<i>MAITRI</i> , the Expected Buddha, v.	330
<i>Makhzan ul adwiyah</i> quoted, vi.	392
<i>Makkah</i> and the Hyaza, before Muhamemdn, Chronology of, chiefly founded upon Genealogy, xx.	349
<i>Malacca States</i> , Johole, v.	257
— States, account of the, v.	505
— States Policy and Commerce of the, v.	626
— Tin Mines of, iv.	543
— Dutch Documents, regarding, iv.	305
— States, Of the interior of the, v.	561
— Geology of, iv.	540
<i>Malay Princes</i> , Seals of, iv.	248
— Wood-pecker, Dr. W. Bland on, vi.	952
<i>Malayan Peninsula</i> , Catalogue of Mammalia inhabiting the, and Islands, xv.	171
— Fishes, Catalogue of, xviii.	241
—	983
<i>MALCOLMSON</i> , J. Note on Saline Deposits in Hyderabad, ii.	77
— Notes explanatory of a Collection of Geological Specimens from the country between Hyderabad and Nagpur, v.	96

	Page
<i>Maldivé Islands, Account of, iv.</i>	319
<i>MALTEBRUN, Criticism on, vi.</i>	737
<i>Malwa, Geological Section of, iii.</i>	238
Mammalia, Birds and Reptiles procured at or near the station of Cherra Punji in the Khasia Hills North of Sylhet, Notice of a collection of, xx.	517
Mammalia, Notices of various, with descriptions of many new species, xiii.	463
in the Museum of the Asiatic Society, Catalogue of, x.	660
Inhabiting the Malayan Peninsula and Islands, Catalogue of, xv. 171,	241
and more remarkable species of Birds inhabiting Ceylon, Report on the, xx.	153
of the Dakhan, Catalogue of, i.	161
of Nepal, Paper on, i. 335 ; Classified Catalogue of, x.	907
Preservation of, iv.	462
New Indian, iii.	306
Mammals of Tibet, Notice of the, with descriptions and plates of some new species, xi.	275
Mandar Hill, in the district of Bhagulpur, A short notice of an ancient Colossal Figure carved in granite on the, xx.	272
Mandavi in Cutch, Ruins of, vi.	648
Mangalore to Madras, Notes chiefly Geological, across the Peninsula from, xiv.	641
Porcelain Clay found at, x.	967
Manganese of the Mergui Province, Report on the, x.	852
MANGER, O. Specimen of the Language of the Goands as spoken in the District of Seonee, Chaprah, xvi.	286
Mango Seed, its Analysis, i.	260
Manicgaon, An account of a remarkable Aerolite, which fell at the village of, xiii.	880
Manikyala, Coins discovered, iii.	436
Relics discovered at, iii. 313,	556
Liquid brown, from, iii..	567
On the ruins of, xxii.	570
Manis Crassicaudata (Auct) M. Pentadactyla (Ibid) short-tailed or thick-tailed Manis, xi.	221

	Page
<i>Manipur, Journal of a Tour in</i> , iii ..	124
MANSON, E. <i>Journal of a Visit to Melum and the Oonta Dhoo- ra Pass in Juwahir</i> , edited by J. H. Batten, Esq. C. S. xi.	1157
Manufacture of Native Turpentine, ii. ..	249
Manuscripts of the late Sir H. Elliot, K. C. B. xxiii. ..	225
——— (Burmese) in Damatha Cave, v. ..	275
Map attached to the Report of the Coal Committee in the 98th number of the <i>Journal of the Asiatic Society</i> , Note on the, ix.	582
——— of the Route to Hinglaj, Letter from Captain Hart for- warding a, ix.	614
MARCEP, F. <i>Influence of the Moon on the Weather</i> , iv. ..	525
March from Brimhan Ghat on the Nerbudda to Umurkun- tuck, the source of that river, ix.	889
——— between Mhow and Saugor, 1838, viii. ..	805
Maritime Surveys, Progress of, i.	327
Marmot of the Himalaya and of Tibet, x. 777 ; xii. ..	409
Marriage of the Jats, ii. 154,	273
MARSHALL, G. T. Translation of an Inscription on a Stone in the <i>Asiatic Society's Museum</i> , marked No. 2, vi. ..	88
MASON, F. <i>The Pine Tree of the Tenasserim Provinces</i> , xviii.	73
——— <i>The Land Shells of the Tenasserim Provinces</i> , xvii. p. i.	62
——— <i>On the Gum Kino of the Tenasserim Provinces</i> , xvii. p. ii.	223
——— <i>On the Gamboge of the Tenasserim Provinces</i> , xvi. ..	661
——— <i>The Liquid Amber tree of the Tenasserim Pro- vinces</i> , xvii. p. i.	532
MASSON, C. <i>Suggestions on the Sites of Saugala and the Altars of Alexander</i> , being an extract from Notes of a Journey from Lahore to Kurachee made in 1830, vi. ..	57
——— <i>Memoir on the ancient coins found at Beghram in the Kohistan of Kabul</i> , iii.	152
——— <i>Second memoir on the ancient coins found at Beghram in the Kohistan of Kabul</i> , v.	1
——— <i>Third memoir on the ancient coins discovered at the site called Beghram in the Kohistan of Kabul</i> , v. ..	537
——— <i>Note on an Inscription at Bamian</i> , v. ..	188

MASSON, C. Notes on the Antiquities of Bamian, v.		Page	707
————— Note on some of the Indo-Scythic coins found at Baghram in the Kohistan of Kabul, with a note by Johannes Avdall, v.	.. .. .. .. ..		266
MASTER, J. W. Extract from a Memoir of some of the Natural Productions of the Angami Naga Hills, &c. xvii. p. i.			57
————— Flora of the Naga Hills, xiii.	.. .. ..		707
————— Summation of Polynomial Co-efficients, i.	.. .. ..		187
————— On the Trisection of Angles, i.	.. .. ..		501
Masulipatam to Goa. Notes chiefly Geological across the Peninsula from, comprising remarks on the Regur and Laterite, xiii.	.. .. .. ..		984
✓ Masuri and Landour, Geological Sketch of, i. 193; iv.	.. .. .. ..		690
Mata Kunwar, Image of, at Gorakpore, vi.	.. .. ..		477
Matchlock of Koteli, On the Manufacture of the, xvii. p. i.	.. .. .. ..		277
Materia Medica, List of Indian articles of, i.	.. .. ..		458
Materials, Building, Strength of, iv.	.. .. ..		115
————— Formulæ relating to the ultimate strength of, in cases of transverse train, iv.	.. .. .. ..		115
MATWANLIN, Chinese account of India, translated from the Wan heen-t-hung kaow, or deep Researches into Ancient Monuments, book 338, fol. 14. vi.	.. .. ..		61
Mauritius, Contributions from, ii.	.. .. ..		95
————— Meteorology of, iv.	.. .. ..		715
Mausoleum (The) of the Nawabs Ali Verdi Khan and Sooraj-ood-Dowlah, xxi.	.. .. .. ..		504
Measure of Ilahi Guj, iii.	.. .. ..		360
Mechanical power, Simple, i.	.. .. ..		68
Mechis, together with a small Vocabulary of their Language, Note on the, viii.	.. .. .. ..		623
MECHITHAB GHOSH, the Armenian Legislator, A short Memoir of, ix.	.. .. .. ..		967
Medical System of Tibet, iv.	.. .. ..		1
————— and Physical Society, Proceedings of, i. 37, 78, 117, 158, 209, ..	.. .. .. .. ..		255
————— works, Mr. L. Dacosta on native, vi.	.. .. ..		392

	Page
<i>Meerut</i> in the Upper Dooab, Daily Register of temperature during a part of 1850, xxi.	563
<i>Megaderma schistacea</i> , Slaty blue Megaderme, xvi. ..	889
——— Notice of the predatory and sanguivorous habits of the Bats of the genus, with some Remarks on the blood-sucking propensities of other Vespertileonidæ, xi. ..	255
MEHRAB KHAN KALAT , brief history of, brought down to the deposition and death of Brahoee, xii. ..	473
<i>Melum</i> and the Oonta Dhoora pass in Juwahir, Journal of a visit to, xi.	1157
Memoir on the Hodesum (improperly called Kolehan), ix. ..	783
——— of Sylhet, Kacher and the adjacent districts, ix. ..	808
——— on Antiquities of Kabul, iii.	153
Memorandum of the fall of the Barometer at Macao during the severe Hurricane on the 5th and 6th August, 1835, vi.	619
<i>Menangkabowe</i> , History of, iv.	244
——— States, iv.	241
Menu, quotation from, vi.	983
<i>Mergui</i> , Report on the Tin of the Province of, xi. 839 ; x. ..	845
——— Analysis of Iron Ores and Limestone from, xii. ..	236
——— Geography of part of the Province of, vii. ..	1027
——— Account of Dye wood from, i.	205
——— Report on the Manganese of, x.	852
Meridian of the Observatory at Madras and the Flag Staff of Fort William, and of the Cantonment of Futtelghur in the Doab, Memorandum on the differences of the, ix. ..	75
<i>Merulidæ</i> , subgenera of, vi.	101
Meruline Birds, two new species of, viii.	37
Metals, Effects of Annealing on, ii.	141
———, Expansion of, ii.	130
<i>Mesopotamia</i> , Journal of a tour through Georgia, Persia and, iii. 271, 332, 456,	576
Meteoric Iron from the Kharrakpur hills, Description and Analysis of a large mass of, xvii. p. ii.	538
——— Stones, Remarks on, iii.	252
——— Stones, fall of, at Hissar, iii.	413
Meteorological Register kept at the Surveyor General's	

Office, Calcutta, for 1832, i.	40, 80, 120, 168, 216, 268, 326,					
374, 430, 478, 534, ..	..	..	Page	574		
Meteorological Register kept at Calcutta for 1833, ii.	56, 216,					
272, 104, 206, 496, 328, 384, 560, 608, ..	..	..		660		
————— for 1834, iii.	56, 104, 208, 256, 152,					
312, 368, 424, 480, 544, 600, ..	..	..		656		
————— for 1835, iv.	64, 120, 184, 240, 296,					
360, 412, 476, 532, 588, 652, ..	..	..		716		
————— for 1836, v.	60, 128, 192, 256, 320,					
376, 440, 520, 600, 684, 760, ..	..	..		836		
————— for 1837, vi.	80, 160, 244, 324, 404,					
500, 620, 712, 804, 900, 988, ..	..	..		1100		
————— for 1838, vii.	92, 172, 286, 370, 468,					
582, 670, 750, 838, 918, 990, ..	..	..		1064		
————— for 1839, viii.	76, 158, 250, 346, 442,					
444, 621, 692, 777, 867, 971, ..	..	..		1069		
————— for 1840, ix.	95,	..		217		
————— for 1847, xvi.	850, 1002, 1094, 1182,					
1278; xvii. p. i.	..	..		86		
————— for 1848, xvii. p. i.	87, 170, 312, 347,					
458, 562; xvii. p. ii.	125, 238, 353, 475, 591, ..	..		707		
————— for 1849, xviii.	88a, 182a, 286a, 418a,					
552a, 649, 749, 866, ..	..	..		981		
————— for 1850, xix.	89, 189, 268, 349, 428,					
499, ..	..	..		573		
————— for 1851, xx.	112, 217, 289, 369, 449,					
528, ..	..	..		635		
————— for 1852, xxi.	103, 193, 280, 363,					
443, 555, 558, 560, 562, 643; xxii.	..	..		117		
————— for 1853, xxii.	508, 599,	..		693		
————— for 1854, xxiii.	(9) (29) (41) (49)					
(57) (71) (81) (17) (34), ..	..	..		(54)		
————— kept at Simla, v.	..	..		825		
————— Bijnore, ii.	..	..		206		
————— Bombay, v.	..	..		821		
————— Katmandu, v.	824, 889; xii.			768		
————— Tirhoot, v.	..	..		822		
————— Socotra, v.	..	..		821		

Meteorological Register kept at Bangalore, v.	Page	296
————— Darjiling, vi.	310, 700,	888
————— Rangoon, xxii.	113, 317, 421,	
502, 596; xxiii.	.. .. .. ..	(1)
————— Agra, xxii.	217, 324, 424, 707 ;	
xxiii. (17) (34) (46) (64) (73) (81)	.. .. .. .. .. ..	217
————— Bankura, i.	154; ii.	383
————— Chinsurah, ii.	.. .. .. ..	86
————— Gajipur, ii.	.. .. .. ..	604
————— Lucknow, xxiii.	.. .. .. ..	(76)
————— Musuri, iv.	.. .. .. ..	230
————— Kotgarh, ii.	.. .. .. ..	615
————— Cherrapunji, i.	.. .. .. ..	297
————— Canton and Macao, i.	.. .. .. ..	303
————— Mozaaffarpur, ii.	.. .. .. ..	208
————— Nagpur, ii.	241,	543
————— Singapur, ii.	.. .. .. ..	428
————— Calcutta (Horary), v.	51,	243
————— Nashirabad, iv.	.. .. .. ..	49
————— Mauritius, iv.	.. .. .. ..	715
————— Dadupur, v.	.. .. .. ..	299
————— Umbala, iv.	.. .. .. ..	405
Phenomena in Tirhut, iv.	.. .. .. ..	713
Meteorology of the Cape of Good Hope, iv.	357 ; xi.	211
Meteors on the night between the 12th and 13th November, 1841, made at the Magnetic Observatory at Simla, Observations of, x.	.. .. .. ..	964
observed at Allahabad on the 10th of August, 1842, xi.	.. .. .. ..	959
Luminous, seen at Charka, lat. $24^{\circ} 06'$ long. $81^{\circ} 02'$ on the morning of the 11th April, 1842, Account of a, xii.	.. .. .. ..	235
of August 10th, 1839, Mr. Middleton on the, viii.	.. .. .. ..	495
remarkable, at Bersia, vi.	.. .. .. ..	79
Metre of Hindu Poetry, ii.	.. .. .. ..	330
<i>Mhow</i> and Saugor, On a March between, and on the Huli in Malwa, viii. 805 ; ix.	.. .. .. ..	311
Mica Mines, A sketch of the Behar, xx.	.. .. .. ..	295
Microscopes, Catadioptric, iii.	.. .. .. ..	288
MIDDLETON, J. on the Meteors of August 10th, 1839, viii.	.. .. .. ..	495
————— Description of an Astronomical Instrument		

presented by Rajah Ram Singh of Khota, to the Government of India, viii.	Page	831
MIDDLETON, J. On the specific Gravity of Sea Water, xiii.	766	
————— Influence of the Moon on the weather, xx.	275	
————— and Major Pottinger, Description of a Persian Astrolabe submitted to the Asiatic Society, x.	759	
MIGNAN, R. Journal of a Tour through Georgia, Persia and Mesopotamia, iii. 271, 332, 456, 576 ; iv.	602	
————— A brief sketch of the Present State of Georgia, now a Russian Province, iii.	232	
MILES, R. H. Some Remarks upon the country to the Southwest of Hoshungabad and of the Soil, Cultivation, &c. of that part of the Valley of the Nerbudda, situated between Hoshungabad and the Fort of Mokrai, in the lower range of the Kali-bheet Hills, iii.	61	
Military Tribes of Nepal, ii.	217	
Milking of the Earth, ii.	332	
MILL, W. H. Restitution and Translation of the Inscription found in the Ruins of the Mountain Temple of Shekawati, iv.	367	
————— Restoration of the Inscription No. 2, on the Allahabad Column, iii. 257,	339	
————— Restoration and Translation of the Inscription on the Bhitari Lat, with critical and historical remarks, vi.	1	
————— Address to, vi.	800	
Mineral Resources of India, Contributions towards a History of the development of the, xi. 811 ; xii.	542	
Mineralogical Survey of the Himalaya Mountains, lying between the Rivers Sutlej and Kalee, Report of the, xi.	i.	
Minerals from Ava, Examination of, i.	14	
Mines of Jewels in Ava, ii.	75	
MINO, J. E. Memoir on the Regeneration and actual state of Medicine in Egypt, translated from the Italian, viii.	393	
Mirage in India, i.	421	
————— of India, On the, xxiii.	163	
Miris of Assam, v.	194	
Mirror, Japanese, explained, i. 242 ; ii.	214	

	Page
Mirrors of Fusible Alloy, ii.	559
— spherical, Theory of, iii.	308
Mishmee Hills to the north-east of Sudyah, Report of an ex-pedition into the, xiv...	477
— Hills, Journal of a visit to the, vi.	325
Mishmis and Abors, v.	195
Mithankot, Account of, vi.	205
Mithra, name of, on Bactrian Coins, iii.	451
Moa Morah sect, vii.	671
Models of Nepalese Instruments, v.	126
Mogoung, Description of, vi.	264
Mohamadpur in the JESSORE district, Note on ancient Coins found at, xxi.	401
Mohammad's Journey to Syria, and Professor Fleischer's opinion thereon, xxi.	576
Mohammad, On the earliest biography of, xx.	395
MOHAN LAL, A Brief description of Herat, iii.	9
— Further Information regarding the Siah Posh tribe or reputed descendants of the Macedonians, iii. ..	76
— Account of Kala Bagh, vii.	25
— A brief account of the origin of the Daudputras, vii.	27
— A brief account of Masud, known by the name of Farid Shakarganj or Shakarbar, v.	635
— Description of Uch Sharif, v.	796
Mohit, (The Ocean) a Turkish work on Navigation in the Indian seas, Extracts from the, iii. 526-545; v. 441; vi. 805; vii. 767; viii.	823
Mohzarkhala in the Kohistan of the Western Hazara, Description of, extracted from the Journal of Mr. R. Gardner, xxii.	383
Mole, Description of a new species of, xix.	215
Mollusca, pteropodous, vi.	151
Molybdenum, Analysis of Sulphate of, iv.	514
Momea, Analysis of Mountain Chetni or, iv.	696
MONEY, D. An account of the Temple of Triveni near Hugly, xvi.	393

MONIRAM , Native Account of washing for Gold in Assam, vii.	621
Monkey ; with remarks on the genera <i>Semnopithecus</i> et <i>Macacus</i> , three new Species of, ix. ..	Page 1211
Monograph of the Indian and Malayan species of <i>Cuculidæ</i> or Birds of the Cuckoo family, xi. 898, 1095, Supplement to the, xii.	240
Monsoons , List of Arabic, iii.	547
Monthly means of Maximum and Minimum Pressures for 1841 to 1849, taken from the Meteorological Register kept at the Surveyor General's Office, Calcutta, xx.	528
MONTEITH 's Tour, Quotations from, iii.	54
Monuments , Sarun and Tirhut Laths, iv.	124
——— Allahabad Lath, iv.	127
——— Ancient Mound at Bakra, iv.	128
——— Bakra Pillar, iv.	129
——— Ancient, in Hyderabad, iv.	180
——— Ancient, in Assam, iv.	185
——— Bactrian, or Topes, iv.	234
——— Ruinous, in Shekawati, iv.	361
——— at Bhilsa, iv.	712
——— of Sarnath, iv.	712
Mooltan the Derajat and Buhawalpur, Fragments of the History of, xvii. p. ii.	559
Moon , Influence of, on Rain, iv.	207
—— Influence of, on Weather, iii. 345, 630; iv. 525; xx. 275; xxi.	501
—— Table, a perpetual, xii. 103,	231
—— Frigorific influence of, iii.	254
MOORCROFT 's Travels in Ladakh, and on Gerard's Account of Kunawar, Notes on, xiii. 172,	223
——— Papers, Note regarding, iv.	177
——— Grave, ii.	18
Morad Beg , ii.	11
MORNEY , S. Qualitative examination of the Native Copper found on Round Island in the Cheduba group, South-east of Ramree, xii.	904
MORRIESEN , N. Trisection of an Angle, ii.	71

Mortality, Tables of, according to the experience of the Bengal Civil Service with the values of Annuities, &c.	xix.	Page	250
————— among Hindoo Females, Note by Dr. Kean of Moorshedabad on Dr. Stewart's Tables of,	viii.	.. ..	704
————— for British India, Results of an Enquiry respecting the Law of,	A. R. xx.	.. .. ..	190
————— in the Lower Orphan School, Tables of,	vii.	.. ..	818
————— in Calcutta,	vii.	.. .. ..	888
MORTON, W. Remarks on a Comparison of Indo-Chinese Languages,	vii.	.. .. .. ..	56
Moschus, On a New Organ in the Genus,	x.	.. ..	795
Moss, Edible, of the Straits,	iii.	.. ..	145
MOUAT, F. J. Meteorological Observations taken every hour at Bangalore, in the Hospital of H. M. 13th Dragoons, from 6 A. M. of the 21st to 6 P. M. of the 22nd March, 1836, inclusive, in conformity with Sir W. Herschel's instructions,	v.	298	
————— Meteorological Register kept at Bangalore,	v.	.. ..	296
Moulmein, Geology of,	v.	.. ..	269
————— Ores of Antimony at,	v.	.. ..	272
————— Minerals, Analysis of,	iv.	.. ..	513
————— Geography of,	vi.	.. .. ..	1005
Mount Aboo, Second Inscription taken in facsimile from the neighbourhood of, Observations on	a, x.	664, ..	821
————— Ophir, Botanical Specimens from,	iii.	.. ..	48
Mozafferpur, Meteorological observations at,	ii.	208, iii.	79
Muamarias or Mattuks of Assam,	v.	.. ..	206
Muar, a Malacca State,	v.	.. ..	561
MUIR, J. On the Literature and History of the Veda,	xvi.	..	812
————— On the Genuine Character of the Hora Sastra,	xiv.	..	809
Mummy from Egypt,	iii.	363, ..	412
————— head dissected,	iv.	.. ..	322
Mural Circle, Errors of the Madras,	iii.	.. ..	403
Murree, Notes on the Topography of,	xxiii.	.. ..	461
Multaye, Copper Plates from,	vi.	.. ..	869
Murshedabad, Census of,	ii.	.. .. ..	567
Museum of the Asiatic Society, Report of a special Committee on the,	vi.	.. .. .. ..	399

Museum, Resolutions regarding the, iv.	183,	Page	232
— of Economic Geology, Organization of a, for the North			
Western Provinces of British India, to be established at Agra,			
Memorandum on the, x.	.. .. ..		779
— of the Asiatic Society, discussion and correspondence			
regarding, v. 245, 249 ; vi. 322, 612 ; viii. 241, ..	.. .. ..		419
— Catalogue of, ii.	.. .. ..		97
— address to Government regarding the, vi.	.. .. ..		493
— Memoranda on the, viii.	.. .. ..		415
Music, Review of Hindustani, iii.	..	..	247
Musical instruments of Nepal, vi.	..	..	953
Musk (Moschus) inhabiting the Himalayan districts, On three			
new species of the, viii.	.. .. ..		202
— deer, Examination of the, vi.	.. .. ..		119
Mussi, at Hyderabad, A new bridge over the, i.	..	..	17
Mustela, Natural History of the Nepal, iv.	..	..	702
Myjertheyn Somalees, Notes on the, xiii.	..	..	319
Mysore and the Salem Districts, Report upon the Improve-			
ment of the Silk, manufactured in the, xi.	.. .. ..		218
—, Gold of, iii.	.. .. ..		463
—, Banyan Tree in, ii.	.. .. ..		47
— Kaolin Earth, Report on the, x.	.. .. ..		163
Naga Hills lying between the Diko and Dyang river, Narrative			
of a tour over that part of the, xiv.	.. .. ..		828
— Hills, in 1814, Extracts from a Report of a Journey into			
the, ix. 947, xiii.	.. .. ..		771
— Hills, Flora of the, xiii.	.. .. ..		707
Nagas of Assam, v.	..	..	207
— Extracts from the Narrative of an Expedition into the			
territory of the, viii.	.. .. ..		445
Nagarjuna, Period of, v.	..	..	522
Nagpur, climate of, ii.	239,	..	542
Naipalia Devatá Kalyána with Notes, Translation of the,			
xii.	.. .. .. ..		400
Nala Raja of Nishadha, Naishadha Charitra or adventures of, a			
Sanscrit poem by Shrí Harsha of Cashmir, with a Commen-			
tary, Review of the, A. R. xx.	.. .. ..		318

<i>Namsang Naga Hills</i> , Correspondence regarding the Coal Beds in the, xvii. p. i.	..	..	Page	89
<i>Nanaia</i> , Anahid distinguished from, v.	..	..		267
—— temple of, in Armenia, v.	..	..		267
<i>Naning</i> , History of, iv.	..	..		300
—— Account of, iii.	..	..		601
—— On the Government of, iv.	179,	..		297
<i>NARASINHA DATTA</i> , The <i>Zafarnama</i> , a Dialogue between Aristotle and Buzurgimihir, xx.	..	..		426
<i>NASH</i> , D. W. On Progressive Development in the cold-blooded Vertebrata, ii.	..	..		465
<i>Nasirabad</i> , Longitude of, iii.	..	..		297
—— Meteorology of, iv.	..	..		49
—— Latitude of, iii.	..	..		243
Native Impressions Regarding the Natural History of certain Animals, xviii.	..	..		788
—— Copper found on Round Island in the Cheduba Group, South East of Ramree, Qualitative Examination of the, xii.				904
—— Receipts, Collection of, i.	..	..		155
<i>Natural History</i> , <i>Canis vulpes montana</i> v.	..	..		313
—— History, presentations of objects in, v. 59, 191, 304, 374,	..	..		438
—— of the Wild Goat of Nepal, iv. 490, v.	..	..		254
—— of the Products about the Pundeela River, On the, x.				509
—— <i>Columba</i> Sp. nov. v.	..	..		122
—— <i>Cervus Duvaucelii</i> , v.	..	..		240
Navigation in the Indian seas, Extracts from the <i>Mohit</i> (the ocean) a Turkish work on, iii. 526, 545; v. 441; vi. 805; vii. 767; viii. ..	..	..		823
—— of the River Nurbudda, Notes on the, xiii.				495
—— of Indian Rivers, iii.	..	..		136
<i>Nayakote</i> , A cursory notice of, ix.	..	..		1114
<i>Nellore</i> , Copper mines of, iv.	..	..		574
—— Analysis of Copper ore from, iv. 574,	..	..		579
<i>Nepal</i> , On the Administration of Justice in, with some account of the several Courts, extent of their Jurisdiction, and modes of Procedure, A. R. xx.	..	..		94

	Page
<i>Nepal</i> , Notices of the Ornithology of, A. R. xix. ..	143
— Mammals of, i. 335, x. ..	.. 907
— Report on the products of, v. ..	.. 365
— Antelopes, Natural History of, iv. ..	.. 487
— Zoology, ii. ..	.. 101
— Musical instruments of, vi. ..	.. 953
— Birds, Additions to the Catalogue of, xii. ..	.. 447
— Agricultural implements of, vi. ..	.. 957
— Tour in the Mountains of, vi. ..	.. 696
— Wild Goats of, iv. ..	.. 491
— Wild Sheep of, iv. ..	.. 492
— Prospectus of the Natural History of, iv. 356, ..	.. 521
— Vespertilionidæ of, iv. ..	.. 699
— Mustela of, iv. ..	.. 702
— Military Tribes of, ii. ..	.. 217
— Paper stuff, ii. ..	.. 93
— Deer, Natural History of a, iv. ..	.. 648
— Birds presented to the Asiatic Society, duly named and classified by the Donor, Catalogue of, xii. ..	.. 301
<i>Nepalese Spirit Still</i> , iv. ..	.. 282
<i>Nepaulite</i> , On a new Mineral from the neighbourhood of Kathmandoo, xxiii. ..	.. 170
<i>New Organ</i> in the genus <i>Moschus</i> , On a, x. ..	.. 795
<i>New Zealand</i> , Caterpillar from, vii. ..	.. 787
<i>NEWALL</i> , D. J. F. A Sketch of the Mahomedan History of Cashmere, xxiii. ..	.. 409
<i>Newars</i> , Classification of, iii. ..	.. 215
<i>NEWBOLD</i> , T. J. Notes, principally geological, across the pen- insula of Southern India, from Kistapatam, xiv. ..	.. 398
— Account of Sungie Ujung, one of the States in the interior of Malacca, iv. ..	.. 537
— Notes, principally Geological, on the South Mahratta country, falls of Gokauk, Classification of Rooks, xiv. ..	.. 268
— Notes, principally Geological, from Bijapore to Bellary, via Kannighirri, xi. ..	.. 941

NEWBOLD, T. J. Notes, chiefly Geological, across the Peninsula from Masulipatam to Goa, comprising remarks on the origin of the Regur and Laterite, xiii. ..	Page 984
————— Notes, chiefly Geological, from Koompta on the Western Coast (South India) by the Devamunni and Nundi Cunnama Passes, easterly to Cumbum and thence southerly to Chittore, comprising a notice of the Diamond and Lead Excavations of Buswapur, xv. ..	380
————— Geological Specimens offered to the Asiatic Society of Bengal, xi...	1131
————— Note on the States of Peruk, Srimenanti and other States, in the Malay Peninsula, v.	505
————— Note on the occurrence of Volcanic Scoria in the Southern Peninsula, v.	670
————— Johole and its former dependencies of Jompole Gominchi, v.	257
————— Account of Rumbowe one of the states in the interior of Malacca, v.	61
————— Outline of Political and Commercial Relations, with the Native States on the Eastern and Western Coasts, Malay Peninsula, v.	626
————— Sketch of the four Menangkabowe States in the interior of the Malayan Peninsula, iv.	241
————— Sketch of the State of Muar, Malay Peninsula, v.	561
————— Notice of the Ajaib ul Makhlukat, xiii. ..	632
————— Note on a recent, fossil, fresh-water Deposit in Southern India, with a few remarks on the origin and age of the Kunker, and on the supposed decrease of thermal Temperature in India, xiii.	313
————— Some account of the Territory and Inhabitants of Naning in the Malayan Peninsula, iii... ..	601
————— A visit to the Gold Mine at Batting, Moring and Summit of Mount Ophir or Gunong Ledang, in the Malay Peninsula, ii.	497
————— On the Government and History of Naning in the Malay Peninsula, iv.	297

NEWBOLD, T. J. Note on the Osseous Breccia and deposit in the Caves of Billa Soorgum, Southern India, xiii.	Page	610
<hr/>		
——— On the Alpine Glacier, Iceberg, Diluvial and Wave Translation Theories ; with reference to the deposits of Southern India to furrowed and striated rocks and rock basins, xiv.		217
——— Notes, chiefly Geological, across the Peninsula of Southern India, from Madras to Goa, xiv.		497
——— Notes, chiefly Geological, across the Peninsula, from Mangalore to Madras, xiv.		641
——— Notes, chiefly Geological, across South India, from Pondicherry to Beypore, xiv.		759
——— Notes, chiefly Geological, on the coast of Coromandel, from Pennaur to Pondicherry, xv.		204
——— Notes, chiefly Geological, from Seringapatam by the Hegulla Pass to Cannanore, xv.		315
——— Notes, chiefly Geological, on the Western coast of South India, xv.		224
——— Notes, chiefly Geological, from Gooty to Hyderabad, xvi.		477
<i>Nicobar Islands</i> , Notice of the, xv.		344
——— Notes on the Fauna of the, xv.. ..		367
Nidification of some of the commoner birds of the Salt Range, with a few additional from Kashmir, Notes on the, xxiii.		589
——— of Indian Birds, Notes on the, xvii. p. ii. 3,		681
<i>Nierces Clajensis</i> , Memoir of, v.		129
<i>Nikaia</i> and Boukephalon, On the Sites of, xxi.		214
<i>Nilgiris</i> , Geology of the, iv. 409,		413
——— Climate of the, iii.		650
<i>Nimach</i> , Geology of, iii...		239
<i>Ningpo</i> in China, An Inscription from a Tablet in a Buddhist Monastery, xiii.		113
<i>Niti Pass</i> , vii.		310
——— Notice of a Trip to the, xix.		79
<i>Nizamut Palace of Moorshedabad</i> , Extracts from the Official records with descriptive details, regarding the new, viii. ..		552

	Page
Nizam's Territories, Notes and Observations in the, x. 341, 386, 471, 509,	725
Nock, Mr. Report on the Road from Scinde, from Suozul to Shikarpore, xii.	59
Nomenclature, On Zoological, v.	751
Nooks and Corners of Bengal, xxi.	148
Northern Circars, Geology of the, iv.	435
North America, On the Gold mines of, i.	365
— West Frontier, Note and Tabular Statement of the Trade of the, x.	476
— East Frontier, Aborigines of the, xix.	309
Notices to Readers, viii.	866
Noton, B. Table shewing the Rise of Spring Tides in Bombay Harbour during night and day, for the year 1832, ii. ..	247
Numismatic Collection of the Asiatic Society, Paper on the, i. — Society of London, ix.	392 938
<i>Nundi Cunnama, vide Newbold.</i>	
Nurbudda, Remarks upon the occurrence of Granite in the bed of the, xiv.	821
— Account of certain Agate Splinters found in the clay stratum bordering the river, xiv.	756
— Elephant fossil of the, vi.	488
— Fossils, Notes on, xiii.	765
— Geological Section of the, iii.	388
— Note on various Fossil Sites on the, viii.	950
— Fossil Discoveries in the valley of the, x.	626
— and Baitool valley, Geology of the, iii. 71,	388
— On the course of the river, xiv.	354
— Coal beds in the valley of the river, iv.	648
Nurma or Chanderi Cotton , xi. 1188 ; xi. 311 ; x. 716 ; x. ..	822
Nyang Das , Analysis of the Sheer Chin, Phal Chhen, Dkon Seks, Do De and Gyut, being the second division of the Tibetan Work, entitled the Kah Gyur, A. R. xx.	393
Nysa , supposed Coins of, iii.	157
Observations of lunar Transits, ii.	432
<i>Odeypore near Saugur</i> , Note on an Inscription from, ix. ..	545
Odour absorbed by Colours , iii.	594

Oils of Jasmine and Bela, Note on the Native mode of preparing the perfumed, viii.	.. ..	Page	496
OLDHAM, T. Notes upon the Geology of the Rajmahal Hills, being the result of examinations made during the cold season of 1852-53, xxiii.	.. .. ..		263
OLIVER, T. Abstract of Meteorological Observations made at Nasirabad, ii. 128; iv.	.. .. ..		48
——— Culminating stars observed with the Moon at Nasirabad, ii. ..	.. .. ..		432
——— Latitude of the Church Bungalow at Nasirabad, by altitudes (170) of Polaris out of the Meridian, observed with a Troughton's 18-inch Altitude and Azimuth Circle, iii.	..		243
——— Meteorological Observations made at Delhi, i.	..		506
——— Longitude of Nasirabad by Lunar Transits and Observations of the Moon, culminating Stars, &c., iv.	..		52
OMMANEY, E. L. Note on Patna Boulders, xix. .	..		136
Oology of India —a Description of the Eggs, also Nests of several birds of the plains of India collected chiefly during 1845-46, xvii. p. i. ..	.. .. ..		297
<i>Oomga</i> , Inscription at, and Notes on the same, xvi. 656,	..		1220
<i>Oonta Dhoora</i> pass in Juwahir, Visit to Melum and the Journal of a trip to the, xi.	.. .. ..		1157
<i>Ophir</i> , Visit to Mount, ii.	.. .. ..		497
Opium, Substances in , ii.	.. .. ..		495
——— Preparation of, v.	.. .. ..		165
Orang-utan , Remarks on the different species of, xxii.	..		369
Orange yellow earth from Sikkim , Examination and analysis of an, xix.	.. .. ..		143
ORD, CAPT. Extract from a Meteorological Journal kept at Kandy, Island of Ceylon, iv.	.. .. ..		709
Organic remains , Note on Indian, vi.	.. .. ..		891
Ores of Deoghur , Notice on the, xx. 1, xxi.	.. .. ..		74
Oriental Works in the Library of the Asiatic Society , Examination of some decayed, x.	.. .. ..		576
——— Publications, Discussions regarding, iv. 236, 290, 349, 407, 288, 472, 410, vi.	.. .. ..		398
——— Library, Court of Directors' order regarding the, vi.	..		155
——— Publications, French support of, v.	.. ..		754

	Page
<i>Orissa</i> , History of the kings of, vi. ..	756
Ornithology of Nepal, Notices of the, A. R. xix. ..	143
——— new Strigidæ, v.	363
——— of Candahar and its neighbourhood, Rough Notes on the, xvi.	775
——— of Dholbhum, ii.	569
——— of India, Conspectus of the, xix. 229, 317, ..	501
Orthography, Indian, iii. 249, 281,	413
OSBORN, G. Report of a visit made to the supposed Coal Field at Bidjeegurh, Vijayagadha, vii.	839
O'SHAUGHNESSY, W. B. On the detection of Arsenical Poisons, &c. viii.	147
——— Memoranda on Explosive Cotton, xvi. ..	177
——— Analysis of the Edible Moss of the Eastern Archipelago, iii.	145
——— On Lightning Conductors to Powder Magazines, ix. 277, x.	6
——— Experiments and Papers principally relating to the effects of sea-water on Iron, xii. ..	1066
——— Memoranda relative to experiments on the communication of Telegraph Signals by induced Electricity, viii.	714
——— On the Refinage, on a large scale, by means of nitre, of brittle or under-standard silver for coinage purposes, and on a ready mode of approximative assaying of silver, xvi.	557
——— Extracts from a Memoir on the preparations of the Indian Hemp or Gunjah (<i>Cannabis indica</i>), their effects on the Animal system in health, and their utility in the treatment of Tetanus and other convulsive diseases, viii. 732,	838
——— Memorandum on the Explosion of Gunpowder under water by the Galvanic Battery, with a notice of the successful destruction of the 'Equitable,' at Fultah Reach, viii.	851
Osseous Breccia and Deposit in the Caves of Billa Soorgum, Southern India, Note on the, xiii...	610

	Page
Otis bengalensis or Charj, Oṇ the, xvi. ..	883
Otter, Summary description of four new species of, viii. ..	319
Oujein, Past and present condition of, vi. ..	813
— Inscription from, Note on an, xix. ..	475
Ouseley, J. R. Note on the process of washing for the gold dust and diamonds at Heerakhoond, viii. ..	1057
— Notice of two beds of Coal discovered in the Valley of the Narbada, iv.	648
— On the Antiquities of Sarguja and its neighbourhood, xvii. p. i.	65
— On the Course of the River Nerbudda, xiv. ..	354
Ova of the Spider, i.	474
Ovis inhabiting the Himalayan region, On the two wild Species of, x.	230
Owners and Occupants of the soil in Bengal, Behar and Orissa, On the tenures and fiscal relations of the, xiv. ..	527
<i>Oxus</i> , River, ii. 16 ; xxii.	431
Oxygyrus, a genus of shells, vi.	316
<i>Pakchan River</i> , and of some Tin localities in the southern portion of the Tenasserim Provinces, Report of a visit to the, xii. ..	523
<i>Pakung Yeh</i> in Ava to Aing in Arracan, Report on a Route from, xi.	1136
Palestine, Tour through, iv.	438
Pali Buddhistical annals, examination of, vi. 501, ..	713
— similar to the Sindhi language, vi.	688
Paludinæ, On the habits of the, i.	411
Panchaki, Description of, ii.	359
<i>Panchpadder</i> Salt works, ii.	365
Pandus, Extract from the history of the, vi.	861
<i>Panjkora Valley</i> and of Lower and Upper Kashkar by Rajah Khan of Cabool, Account of the, xiv.	812
Paper, Chinese Manufacture of, iii.	478
— Nepalese mode of making, i...	8
Paradoxurus, inhabiting the Southern, Central and Northern Regions of Nepal respectively, Description of three New Species of, with Notices of the habits and Structure of the Genus, A. R. xix.	72

	Page
<i>Parasnath, Observations made when following the Grand Trunk Road to, xvii. p. ii.</i>	355
<i>PARISH, W. H. A Journal of a trip through the Kohistan of the Jullunder, undertaken to the close of the year 1847 and commencement of 1848, for the purpose of determining the Geological formation of that district, xviii.</i>	360
<i>Report of the Kohistan of the Jullunder Doab, xvii. p. i.</i>	281
<i>On the Influence of Forests on Climate, xviii.</i>	791
<i>Parliamentary Records presented, v.</i>	673
<i>Parsis, Notice respecting the, v.</i>	396
<i>Pasewa fluid of Opium, v.</i>	168
<i>Pushtoo, or Affghanee language, viii. 1, xxiii.</i>	550
<i>Passes into Hindoostan from the West and North-west, Notes on the, and the use made of them by different conquerors, xi.</i>	552
<i>Patna, Boulders, Note on, xix.</i>	136
<i>On the fall of Rain at, xvii. p. i.</i>	150
<i>the ancient Palibothra, xiv.</i>	
<i>Paussus, Extract from Note Book, regarding the genus, xii.</i> ..	421
<i>PEARSON, J. T. Note on the Genus Spiraculum, ii.</i> ..	590
<i>A letter to Dr. Helfer, on the Zoology of Tenasserim and the neighbouring Provinces, vii.</i> ..	357
<i>On the Canis vulpes montana or Hill Fox, v.</i>	313
<i>A method of preparing Strychnia, ii.</i> ..	42
<i>Catalogue of the Birds in the Museum of the Asiatic Society, x.</i>	628
<i>Memorandum on the Gaur and Gayal, vi.</i> ..	225
<i>Note of the Eurinorynchus griseus, A. R. xix.</i>	69
<i>On the Bora Chung or the ground fish of Bootan, viii.</i>	551
<i>Zoological Catalogue of the Museum of the Asiatic Society, ix.</i>	514
<i>Catalogue of Mammalia in the Museum of the Asiatic Society, x.</i>	660
<i>Hints for the Preservation of Objects of Natural History, iv.</i>	462
<i>Memorandum on the Foetus of the Squalus maximus, iv.</i>	324

PEARSON, J. T. Observations on the Report on the Museum of the Asiatic Society, by Dr. W. Jameson, published in the Journal for March, 1839, viii.	Page	419
————— Note on <i>Thylacinus cynocephalus</i> , extracted from the Osteological Section of the Catalogue of the Museum of the Asiatic Society, iv.		572
Peer Mangal or Munga or Mangear, Temperature of the Hot Springs at, xvii. p. ii...		230
Peganum Harmala , i.		100
Pekin , Route from Ava to, vi. 545,		558
Pelagian Shells , W. B. Benson on, vi. 316 ; iv. 173, ..		698
PEMBERTON B. R. Abstract of the Journal of a Route travell-ed by Capt. S. F. Hannay of the 40th Regiment Native Infantry, from the Capital of Ava to the Amber Mines of the Hukong valley, on the South-East frontier of Assam, vi. ..		245
Peninsula of India , Catalogue of Reptiles inhabiting the, xxii. 462,		522
Perak , a Malayan State, v.		505
Perim , Fossil bones from, v.		766
Persia , Abbas Mirza, Prince of, ii.		147
————— Journal of Travels in, iii. 271, 332, 456, 576 ; iv. ..		602
Peshawur to Bokhara , Route from, ii.		1
————— and Cabool Territories, Account of parts of the, xiv. ..		660
————— Image found near, v.		484
————— Geography of, v. 468,		474
————— Sculptures found in the District, Note on some, xxi. ..		606
Petroleum Beds of Assam , On the, xiv.		817
————— Analysis of, iv.		527
Phal Chhen , Sher Chin, Dkon Seks, Do De, Nyang Das, and Gyut, being the second division of the Tibetan Work, entitled the Kah Gyur, Analysis of the, A. R. xx... ..		393
Phari in Thibet to Lassa, Itinerary from, with appended Routes from Darjeeling to Phari, xvii. p. i.		257
PHAYRE , A. P. The Historical Coins of Arakan, xv.		232
————— Account of Arakan, x.		679
————— On the History of Arakan, xiii.		23
Pheasant , from Thibet, vii.		863

<i>Philippine Islands</i> , A notice of their Alphabets, xiv.	Page	603
Philosophy, Buddha system of, v. ..	..	29
Philosophical Instruments in India, Report upon the Construction of, xi. .. .. .. ..	..	293
Phoolkharee, Report on the Salts called Puckwah and, x. ..	..	939
Phra Pathom, Gleanings in Buddhism, or translations of passages from a Siamese version of a Pali Work, termed in Siamese, xvii. p. ii. .. .. .. ..	..	72
Physiology of the Arabic Language, Observations on the, xx...	..	115
Physical Geography of the Himalayas, On the, xviii. ..	..	761
— Geography, of Seistan, ix. .. .. ..	..	710
— Phœnomena in 1843, Memorandum of various, xii. ..	..	909
Phylloscopus and its immediate affines, A Monograph of the Indian species of, xxiii. .. .. .. ..	..	479
Piano Forte, Suspension rods applied to, iv. ..	..	643
Picianæ, New subgenera of, vi. 105, .. ..	..	108
PIDDINGTON, H. Report to the Secretary of the Board of Customs, Salt and Opium, on the Salts called Puckwah and Phool Kharee, with a process for detecting the adulteration of Government Salt, estimates of the quantities of both Salts annually produced, and of the amount of loss which the Revenue may sustain through the production of these two articles, x. .. .. .. ..	..	939
— Researches on the Gale and Hurricane in the Bay of Bengal on the 3rd, 4th and 5th of June, 1839, being a First Memoir with reference to the Theory of the Law of Storms in India, viii. 559, .. .. ..	..	631
— A Second Memoir with reference to the Theory of the Law of Storms in India, being Researches relating to the Storm of the 19th to the 21st September, at the head of the Bay of Bengal, to the great Hurricane at Coringa on the 16th November, 1839, and to another off the Island of Priparis, on the 22nd November, ix. 107, .. ..	..	973
— A Third Memoir with reference to the Theory of the Law of Storms in India, being Researches relating to the Hurricane in the Bay of Bengal and at Cuttack, from 27th April to 1st May 1840, ix. .. .. ..	..	1009

PIDDINGTON, H. Fourth Memoir on the Law of Storms in India, being remarks and documents relative to the loss of the ship 'Golconda,' in the Tyfoons of 22nd to 24th September, 1840, in the China Sea, x.	Page	895
<hr/>		
————— A fifth Memoir on the Theory of the Law of Storms in India, xi.	6	
<hr/>		
————— A Sixth Memoir on the Law of Storms in India, being Storms in the China Seas, from 1780 to 1841, xi. ..	605	
<hr/>		
————— A Seventh Memoir on the Law of Storms in India, being the Calcutta Hurricane of the 3d and 4th June, 1842, xi.	971	
<hr/>		
————— An Eighth Memoir on the Law of Storms in India, xii.	339	
<hr/>		
————— A Ninth Memoir on the Law of Storms in India, being the Pooree and Cuttack Storms of 2d and the Gya and Patna Storms of 5th and 6th October, 1842, xiii. ..	771	
<hr/>		
————— A Tenth Memoir on the Law of Storms in India, xiii.	69	
<hr/>		
————— An Eleventh Memoir on the Law of Storms in India, being the Storms in the Bay of Bengal and Southern Indian Ocean, from 26th November to 2d December, 1843, xiv.	10	
<hr/>		
————— A Twelfth Memoir on the Law of Storms in India, being the Storms of the Andaman Sea and Bay of Bengal, 9th to 14th November, 1844, xiv.	357	
<hr/>		
————— A Thirteenth Memoir on the Law of Storms in the Indian and China Seas, xiv.	703	
<hr/>		
————— A Fourteenth Memoir on the Law of Storms in India being the Bay of Bengal, Ceylon, Malabar Coast and Arabian Sea Storms of 29th November to 5th December, 1845, xiv.	878	
<hr/>		
————— A Fifteenth Memoir on the Law of Storms, xvii. p. i.	27	
<hr/>		
————— A Sixteenth Memoir on the Law of Storms, xvii. p. i.	517	
<hr/>		
————— A Seventeenth Memoir on the Law of Storms in India, xviii.	252	

PIDDINGTON, H. An Eighteenth Memoir on the Law of Storms in India, xviii. 826, ..	Page	869
————— A Nineteenth Memoir on the Law of Storms, xix.		349
————— A Twentieth Memoir on the Laws of Storms in the Indian and China Seas, being the April Cyclone of the Bay of Bengal, 23rd to 28th April, 1850, xx. 13, ..		195
————— A Twenty-first Memoir on the Law of Storms in the Indian and China Seas, being the Cyclone of H. M. S. 'Fox' in the Bay of Bengal, 30th April to 5th May, 1851, xxi.		283
————— A Twenty-second Memoir on the Storms of the Indian and China Seas, Cyclones and Tornadoes of the Bay of Bengal from 1848 to 1852, xxiii. ..		1
————— A Twenty-third Memoir on the Law of Storms in the Indian and China Seas, being the Peninsular and Oriental Steam Navigation Company's ship 'Precursor's' Cy- clone of October, 1854, xxiii.		505
————— Sea Island Cotton Soil from Cheduba, x. ..		436
————— Report on the Soils brought from Cheduba, by H. M. S. Childers, x.		447
————— Description and Analysis of a large mass of Meteoric Iron, from the Kharackpur hills near Monghir, xvii. p. ii. 538 ; and Supplement, xviii.		171
————— Report on some articles of Trade, sent by Lieut. Postans from Khorassan, x.		718
————— On Camel-Litters for the wounded, viii. ..		702
————— A Table of Analyses of Indian Coals, xxi. ..		270
————— Detailed Report on the Copper Ores of the Deogur Mines, xx. 1 ; xxi.		74
————— A Notice of a remarkable local deviation of the Compass near Saugor in Bundelcund, xviii. ..		410
————— Notice of a remarkable Hot Wind in the Zillah of Purneah, xvii. p. i.		144
————— On the Rates of Chronometers as influenced by the Local Attraction of Ships and by Terrestrial Magnet- ism, xx.		61
————— Memorandum relative to the Storms of Wind experienced in Tartary, xix.		242

PIDDINGTON, H. On Hircine a new Resin, xxi. 76 ; xxii. Page	279
————— Examination and Analysis of the Shalka Meteorite (Zillah West Burdwan,) xx.	299
————— On Calderite an undescribed Siliceo-Iron and Manganese Rock, xix.	145
————— On a series of Calderite Rocks, xx.	207
————— Examination of an Orange Yellow Earth from Sikkim, xix.	143
————— Examination of a New Mineral—Haughtonite, xix.	452
————— On the great Diamond in the possession of the Nizam, xvii. p. i.	151
————— Examination and Analysis of the Ball Coal of the Burdwan Mines, xvii. p. i. 59 ; xviii. 412, and xix. ..	75
————— Description of a Cheap and Simple Apparatus for distilling off the Mercury from an Amalgam of Gold or Silver, xxi.	403
————— On the Comparative Action of the Aneroid and Marine Barometers and Sympiesometer in Cyclones, xx.	219
————— On Filtering the Waters of Tanks in large quantities for the use of Towns, xxi.	473
————— Notice on the Ferruginous Spherules imbeded in Sandstone, from Lullutpura in Bundlecund, xvi. ..	711
————— A notice of the alphabets of the Philippine Islands, xiv.	603
————— Examination of a mineral Exudation from Ghuzni, iv.	696
————— Notice on the Deo Monnees, or Sacred Beads of Assam, xvi.	713
————— On a new kind of Coal being volcanic Coal from Arracan, xvi.	371
————— Notice of Tremeneerite a new carbonaceous Mineral, xvi.	369
————— Examination of some Atmospheric Dust from Shanghai, forwarded to the Asiatic Society by D. L. MacGowen, Esq. xvi.	193

	Page
PIDDINGTON, H. <i>Ærolites from Kandiesh</i> , xiii. . .	880
——— <i>Newboldite</i> , xvi.	1129
——— Geometrical measurement of the distance from crest to crest of Barometric Waves in a Cyclone, xxii. . .	77
——— Note to accompany a Chart of the Bay of Bengal with the average courses of its hurricanes from A. D. 1800 to 1846, xvi.	847
——— On an improved Simpiesometer, the Tropical Tempest Simpiesometer, just received in Calcutta, xiii. . .	451
——— Index to the Indian Geological, Mineralogical and Palaeontological papers in the Transactions and Journal of the Asiatic Society and the Gleanings of Science, xi. 341, xx.	409
——— Report on the proposed Museum of Economic Geology, ix.	1139
——— Circular of the Museum of Economic Geology of India, xi.	322
——— M. Stanislas Julien on the study of the Chinese language, translated for the Journal of the Asiatic Society, xii.	816
——— Examination of a remarkable Red Sandstone from the junction of the Diamond Limestone and Sandstone at Nurnoor, in the Kurnool Territory, Southern India, xiii...	386
——— On the Soil suitable for Cotton, Tobacco, Sugar, and the Tea plant, v.	314
——— On Nepaulite, a new Mineral from the neigh- bourhood of Kathmandoo, xxiii.	170
——— Examination and Analysis of two specimens of Coal from Ava, xxiii.	714
——— Examination of some decayed Oriental Works in the Library of the Asiatic Society, x.	576
——— Ditto and analyses of four specimens of Coal from Darjeling, xxiii.	381
——— Memorandum on the Chulchulheera of the Hills and on some Lichens from the Himalayas in the Col- lections of the Asiatic Society, x.	377
——— Notice of an Extraordinary Fish, iv.	218

PIDDINGTON, H. Note on the Fossil elephantine jaw sent from Jubbulpore, by Dr. Spilsbury, x.	..	Page	620
— On a spontaneous combustion of Coal wetted with salt water on board the ship Sir Howard Douglass, xviii.			167
— Examination and Analysis of Dr. Campbell's Specimens of Copper Ores obtained in the neighbourhood of Darjiling, xxiii.	..	..	477
— Notice of the <i>Basilosaurus</i> , a new marine fossil Saurian, discovered in America, v.	..	..	254
— Memorandum on Nurma Cotton, x.	..		716
— On the quantity of Silt held in suspension by the waters of the Hooghly at Calcutta in each month of the year, xxiii.	..	..	283
<i>Pigou</i> , On the Topes of Darounta and Caves of Bahrabad, x.			381
Pika, Description of a, v. 778, vi. 106, 108, x.	..	..	816
Pillar found in the Ganges near Pubna and of another at Kurra near Allahabad, Note on a, viii.	..	..	681
— inscriptions, Reading of, vi.	..	..	467
<i>Pind Dadun Khan</i> and the Salt Range, Diary of a Trip to, xviii.			661
Pindur Glacier, Note on the motion of the, xvii. p. ii.	..		203
— and Kuphinee Glaciers of the Rivers in the Kumaoon Himalaya, A description of the, xvi.	..	..	794
Piracy, mode of putting down, v.	..	..	634
Pirates of Illanoon, vii.	..	..	978
Pitakattayan, Table of the contents of, vi.	..	..	527
Plants, Catalogue of, found in the Banda district 1847-24, 151, 240, xxi.	..	..	563
— directions for collecting, i.	..	..	113
— Analysis of Ashes of, ii.	..	..	322
— Longevity of, iii.	..	..	196
Plantigrades, new genus of, vi.	..	..	560
Platina from Ava, i.	..	..	16
Plecotus, On a New Species of, xvi.	..	..	894
Podostemon, Description of Two Genera of the family of Hamamelideæ, one Species of <i>Kaulfussia</i> , and two Species of, A. R. xix.	..	..	94
Poetry, Early Hindustani, xxii.	..	..	442

<i>Pokree</i> in Ghurwal, Copper Mines of, with notices of other Copper Mines, Report on the Government experimental working of the, xii. 453 ; xiv.	Page	471
Political Relations with Malacca, v. . . . .	.. .. ..	626
Pollen, developement of, v. . . . .	.. .. ..	732
Polynemus sele, Isinglass in, viii. . . . .	.. .. ..	203
Polynomial Co-efficients, Essay on the Summation of, i. . . . .	.. .. ..	187
Polyzonal Lens, i. . . . .	.. .. ..	304
<i>Pondicherry</i> to Beypore, Notes chiefly Geological, across from, xiv. . . . .	.. .. .. ..	759
Population in Calcutta, vii. . . . .	.. .. ..	888
——— of Allahabad, i. 34, iii. . . . .	.. .. ..	244
——— of Mathura, v. . . . .	.. .. ..	216
——— of Georgia, iii. . . . .	.. .. ..	237
<i>Pora</i> in Assam, Account of, iv. . . . .	.. .. ..	180
Porcelain Clay, found at Mangalore, x. . . . .	.. .. ..	967
Portable Meridian, On the construction of a, xii. . . . .	.. .. ..	437
Porcupine, New Species of, On a, xvi. . . . .	.. .. ..	771
POSTANS, J. Of the early History of Sindh from the Chuch Namuh and other authorities, x. 183, . . . . .	.. .. .. ..	267
——— Report on Upper Sindh and the eastern portion of Cutchee, with a Memorandum on the Beloochee and other Tribes of Upper Scinde and Cutchee, and a Map of part of the Country referred to, xii. . . . .	.. .. .. ..	123
——— Account of the expedition of Chach, Chacha extracted from the Chach Nameh and extracts from the Tohsfat ul Kiram, vii. . . . .	.. .. .. ..	93
——— Notes of a journey to Girnar in the Province of Kattywar, for the purpose of copying the Ancient inscriptions upon the rock near that place, vii. . . . .	.. .. .. ..	865
——— Translation of the Toofut ul Kiram, a History of Sindh, xiv. 75, . . . . .	.. .. .. ..	155
——— Extracts from the Tohsfat ul Kiram and the Chach Nameh, vii. . . . .	.. .. .. ..	297
——— Memorandum on the Trade between the towns of Shikarpore and Candahar, x. . . . .	.. .. .. ..	12
——— Memorandum on the Silk Trade between Shikarpore and Khorassan and on the produce of Indigo in Sinde, ix. . . . .	.. .. .. ..	843

POSTANS, J. Account of the Ruins and Site of Old Mandavi in Raepur and legend of Vikramaditya's son in Cutch, vi.	Page	648
————— Memorandum on the city of Shikarpore in Upper Sindh, x...	.. .. .. ..	17
————— An account of the Jain Temple at Badrasir and ruins of Badranagri in the Province of Cutch, vii.	..	431
Pottery, Glazed, Account of, ii.	.. .. ..	209
POTTINGER, MAJOR, Cylinder and certain gems collected in the neighbourhood of Herat, xi.	.. .. ..	316
POWELL, T. Description of Heavandoo Pholo, the Northern Atoll of the Maldive Islands, iv.	.. .. ..	319
Powder Magazines, Lightning Conductors to, x.	.. .. ..	6
Prashnotaramálá or Catechetical Dialogue of S'uka, xvi.	..	1228
PRATT, J. H. Observations on the Astrolabe, described in No. 118, of the Journal, xi.	.. .. ..	720
————— Note on Iron Tension Bridges, xviii.	..	249
————— Memoir upon the quantity of Iron necessary in a Tension Chain Bridge, xvii. p. i.	.. .. ..	1
Precious Minerals, Account of Oriental, i.	.. .. ..	353
Prefatory Notice, viii.	.. .. ..	1
PRESGRAVE, D. Application of Iron Rods proposed to compensate for the strain occasioned by the tension of the strings upon Piano Fortes, thereby to prevent warping and to render them more durable and better adapted to keep longer in tune, iv.	.. .. .. ..	643
PREVITE, MR. mode of preserving bread for Ships, iii.	..	206
Price as measured by Money, i.	.. .. ..	572
PRICHARD, J. C. Extract of a letter from, on Ethnology, xvii. p. ii.	.. .. .. ..	580
<i>Prince of Wales' Island and Singapore, Register of the Rise and Fall of the Tide at,</i> xi.	149,	263
PRINSEP, H. T. Notes on the Passes into Hindoostan, from the West and North-West, and the use made of them by different Conquerors, xi.	.. .. ..	55
————— Table of Mortality for ages from birth to twenty years, formed from the Register of the Lower Orphan School, Calcutta, vii.	.. .. ..	818

PRINSEP, H. T. Estimate of the risk of life to Civil Servants of the Bengal Presidency, i. 277 ; vi. ..	Page	341
— G. A. On the spontaneous heating of Brine, vii. ..		1014
— — — On a remarkable heat observed in masses of Brine kept for some time in a large reservoir, vii. ..		207
— — — On the Temperature and Saltiness of the river Hugli from Calcutta to the sea, i... ..		104
— J. On the Ancient Roman Coins in the Cabinet of the Asiatic Society, i... ..		392
— — — Account of an Inscription found by Mr. H. S. Boulderson in the Neighbourhood of Bareilly, vi. ..		777
— — — Comparative view of the daily range of the Baro- meter in different parts of India, v. ..		816
— — — Desiderata and Recommendations of the British Association for the Promotion of Science, iv. ..		116
— — — Proposed Meteorological Combination in Southern Africa, iv. ..		358
— — — Description of a Compensation Barometer and Observations on Wet Barometers, ii. ..		258
— — — Experimental Researches on the depressions of the Wet-bulb Hygrometer, v. 396, ..		828
— — — Determination of the Constant of Expansion of the Standard 10 feet Iron bar of the great Trigonometrical Survey of India, and Expansions of Gold, Silver and Copper by the same Apparatus, ii. ..		130
— — — Bactrian and Indo-Scythic Coins, ii. 310, 405 ; iv. 327, v. ..		720
— — — Note on the Fossil Bones discovered near Jabalpur, ii.		583
— — — Additional Note on the Climate of Nagpur, ii. ..		542
— — — Chemical Analyses, ii. ..		434
— — — Note on the extraordinary Fall of the Barometer during the Gale of the 21st May last, ii. ..		427
— — — On the connexion of various Ancient Hindu Coins with the Grecian or Indo-Scythic series, iv. 621, ..		668
— — — Statistics and Geology of Kumaon, iv. ..		359
— — — Note on the Coins found by Captain Cautley at Behat, iii. ..		227

	Page
PRINSEP, J. Roof of the New Iron Foundery at Kasipur near Calcutta, iv.	111
————— Explanation of the differences in the quantity of rain at different elevations, iv.	59
————— Editorial note on the correspondence regarding the discovery of the genuine Tea plant in Upper Assam, iv. ..	42
————— Note on Inscriptions at Udayagiri and Khandgiri in Cuttack, in the Lat character, vi.	1072
————— Suspension of the Survey of the Brahmaputra River, iv...	63
————— Note on the fossil bones of the Jumna river, iv.	500
————— Results of the Observations made on the Tides at Madras from the 31st May to the 10th October, 1821, by means of a Tide-gauge fixed near the north-east angle of the Fort, iv.	325
————— Interpretation of the most ancient of the inscriptions on the pillar called the Lat of Feroz Shah near Delhi, and of the Allahabad, Radhia and Mattiah pillar, or Lat inscriptions which agree therewith, vi. 566, 790, ..	963
————— Specimens of Hindu Coins descended from the Parthian type, and of the ancient coins of Ceylon, vi. ..	288
————— Additional fragments of the Sivatherium, vi. ..	152
————— The Legends of the Saurashtra group of coins deciphered, vi.	377
————— Note on an Inscription on the Mandára hill, near Bhagelpur, iv.	166
————— Examination of Minerals from Ava, i. ..	14
————— Horary Meteorological Observations made at Calcutta on the 21st and 22nd September, iv. ..	514
————— Manilla Indigo (so called) iv.	119
————— On a new species of Snake, discovered in the Doab, iv...	217
————— Note on the Magic Mirrors of Japan, i. ..	242
————— Second Note on the Bhilsa Inscription, iii. ..	488
————— New varieties of the Mithraic or Indo-Scythic series of Coins and their imitations, v.	639

PRINSEP, J. New varieties of Bactrian Coins engraved as Plate xxxv. from Mr. Masson's Drawings and other sources, v.	.. .. .. ..	Page	548
————— Facsimiles of various Ancient Inscriptions, lithographed, v. 795, 554; vi. 278, 482, 663, 657, 724, ..	..		869
————— Professor Schlegel's Enigma, mode of expressing numerals in the Sanskrit and Tibetan language, iii. ..	..		1
————— Discovery of the name of Antiochus the Great in two of the edicts of Asoka, king of India, vii. ..	..		156
————— On the application of a new method of block printing with examples of unedited Coins printed in facsimile, vii. ..	..		414
————— Examination of the separate edicts of the Aswastama Inscription at Dhauli in Cuttack, vii. ..	..		434
————— Additions to Bactrian Numismatics and discovery of the Bactrian alphabet, vii. .. .. ..	..		636
————— Experiments on the preservation of sheet Iron from rust in India, iii. .. .. ..	..		191
————— Note on the Coins discovered by M. Court, iii. ..	..		562
————— Inscription on the Iron Pillar at Delhi, iii. ..	..		494
————— Analysis of the Chinese Varnish, i. ..	..		183
————— Note on Inscription No. 1, of the Allahabad Column, iii. .. .. ..	..		114
————— Observation of the Moon and Moon-culminating Stars at Seharanpur, Nasirabad and Dholeswar with the Longitudes deduced, iii. .. .. ..	..		297
————— Note on the Brown Liquid contained in the cylinders from Manikyala, iii. .. .. ..	..		567
————— On the Coins and Relics discovered by M. le Chevalier Ventura, General in the Service of Maha Raja Ranjit Singh, in the Tope of Manikyala, iii. 313, .. ..	..		436
————— Note on the Nautical Instruments of the Arabs, v.	..		784
————— Note on the Mathiah Lath Inscription, iii. ..	..		483
————— Analysis of Copper Ore from Nellore with notice of the Copper Mines at Ajmir and Singhana, iv. ..	..		574
————— Observations of the Transit of Mercury, i. ..	..		408
————— On the Greek Coins in the Cabinet of the Asiatic Society, ii. .. .. ..	..		27

PRINSEP, J. Chemical Analysis, iv. . .	Page
_____ Table for Ascertaining the Heights of Mountains from the boiling points of Water, ii. . .	509 194
_____ Note on the Fossil Bones of the Nerbudda valley, i. 456 ; iii.	396
_____ On the Edicts of Piyadasi or Asoka the Buddhist monarch of India, preserved on the Girnar rock in the Gujrat peninsula, and on the Dhauli rock in Cuttack with the discovery of Ptolemy's name therein, vii. 219, ..	334
_____ Further particulars of the Sarun and Tirhut Laths and an account of two Buddha Inscriptions found the one at Bakhra in Tirhut, the other at Sarnath near Benares, iv. . .	124
_____ Excursions to the Ruins and Site of an Ancient City near Bakhra 13 cos North of Patna and six North from Singhea, (Extracted from the Journal of Mr. J. Ste- phenson,) iv.	128
_____ Note on the Facsimiles of Inscriptions from Sanchi near Bhilsa taken for the Society by Capt. Ed. Smith, Engineers and on the drawings of the Buddhist monuments presented by Capt. W. Murray, vi.	451
Prize question by the Berlin Academy, i.	36
Proceedings of the Asiatic Society of Bengal, i. 35, 74, 116, 157, 209, 284, 298, 415, 472, 512, 559 ; ii. 43, 91, 149, 203, 262, 323, 367, 546, 645 ; iii. 49, 141, 193, 244, 300, 362, 410, 475, 524, 590 ; iv. 53, 177, 232, 287, 348, 407, 472, 516, 585, 650 ; v. 52, 124, 189, 245, 302, 369, 433, 509, 587, 672, 753, 828 ; vi. 77, 154, 238, 317, 397, 490, 612, 704, 797, 890, 984, 1092 ; vii. 87, 167, 283, 364, 456, 567, 663, 742, 829, 915, 983 ; viii. 72, 150, 245, 341, 429, 432, 433, 526, 687, 863, 953, 1059 ; ix. 90, 215, 334, 336, 444, 552, 624, 726, 859, 941, 1055, 1129 ; x. 31, 165, 500, 587, 589, 674, 751, 755, 833, 917, 935 ; xi. 91, 196, 271, 439, 573, 786, 863, 876, 964, 1198, 1204 ; xii. 62, 129, 248, 314, 415, 513, 622, 729, 821, 910, 1012, 1107 ; XIII. i., xiii., xxi., xxix., xlxi., lxxii., lxxxv., xcvi., cxxi., cxxxiii. ; XIV. i., xvii., xxxi., xxxix., lv., lxvii., lxxxix., cxi., cxxi. ; XV. i., xvii., xxiii., xxvii., xxxiii., xli., xlvi.,	

lxvii., lxxv., lxxix., lxxxv., ciii.; XVI. 81, 201, 375, 499, 497, 716, 850, 987, 1089, 1243, 1263; xvii. p. i. 79, 159, 237, 325, 451, 551, p. ii. 121, 233, 472, 588, 697; xviii. 179, 283, 414, 542, 645, 754, 858, 976; xix. 83, 149, 187, 264, 341, 346, 421, 481, 493, 497, 560, 563, 568; xx. 78, 211, 285, 359, 433, 437, 442, 445; xxi. 80, 188, 275, 337, 431, 536, 539, 542, 549, 631; xxii. 82, 202, 307, 407, 494, 576, 680; xxiii. 97, 199, 303, 394, 502, 617, ..	Page	727
<i>Proceedings of the Medical and Physical Society</i> , i. 78, 117, 158, 255,		37
————— <i>of the Natural History Society of Mauritius</i> , i. 39, 79, 119, 258,		160
<i>Progress of European Science</i> , ii.		48
<i>Proportion of rain for different lunar periods at Kandy, Island of Ceylon</i> , vi.		618
<i>Proposed publication of Plates of Hindu Architectural Re- mains</i> , viii.		384
<i>Protraction of routes, mode of correcting</i> , ii.		79
<i>Province Wellesly, An account of several Inscriptions found in, on the Peninsula of Malacca</i> , xvii. p. ii.		62
<i>Pteropodous Mollusca W. B. Benson on</i> , vi.		150
<i>Pubna, Note on a pillar found in the Ganges, near, and of ano- ther at Kurra near Allahabad</i> , viii...		681
<i>Puchwah and Phoolkharee Salts</i> , x.		939
<i>Pugan, Capital of ancient Barmá</i> , iv. 400,		409
<i>Pulo Tingie, Geology of</i> , v.		575
<i>Pulse, Indian notions of the</i> , i.		553
<i>Punjab rivers, Route of the Journal to the Sources of the</i> , x. 1, ..		105
————— <i>Notice of Two heads found in the Northern districts of the</i> , xxi.		511
————— <i>Report on the Dust whirlwinds of the</i> , xxiii.		364
————— <i>On the Ballads and Legends of the</i> , xxiii.		59
————— <i>and Affghanistan, Journal of a Tour through parts of the, in the year 1837, by Aga Abbas of Shiraz, arranged and translated by Major R. Leech</i> , xii.		564
<i>Puráñas, Analysis of the</i> , i. 81, 217, 431,		535
<i>Purana, An Analysis of the Agni</i> , i.		81

	Page
Purana do Brahma Vaivartta, i.	231
— Váyn, i.	535
— Vishnu, i.	431
Purneah, A notice of a remarkable Hot Wind in the zillah of xvii. p. i...	144
Purulia, Barometrical Observations taken to ascertain the altitude of the station of, xii.	226
Pushto, or the Afghan people and dialect, and on the connexion of the language with the Zend and Pehlavi and the Hebrew, Some Remarks on the Origin of the, xxiii.	550
Putharee, On the Ruins at, xvii. p. i.	305
Qoran, Foreign words occurring in the, xxi.	109
— The Initial Letters of the Nineteenth Surah of the, xx.	280
Quadrumana, Fossil relics of, vi.	354
Queries respecting the Human Race, to be addressed to travellers and others, drawn up by a Committee of the British Association for the Advancement of Science, xiii. ..	919
Questions of the Burmese Prince, ii. 47,	653
Quotations from original Sanscrit Authorities in proof and illustrations of Mr. Hodgson's Sketch of Buddhism, v. 28, ..	71
RÁDHÁNÁTH SHIKDÁR, An Account of the Table used in the Surveyor General's Office, Calcutta, for reducing Barometrical Observations to 32° Fahrenheit, xxi.	329
Radiation, Experiments of, ii.	649
Raghu Vansa, a Sanskrit Poem of Kálidása, Analysis of the, xxi.	445
Railway at Liverpool, ii.	559
Rain, variation of, from moon's influence, iii. 345 ; iv. 207 ; vi. ..	304
— and Drought of the last eight seasons in India, Remarks upon the, viii.	313
— On periodical return of, v.	281
— table of, at Kandy, vi.	618
— fall at Calcutta, iv.	207
— Register of, at Dacca, iv.	405
— at Patna, On the Fall of, xvii. p. i.	150
— quantity of, at different elevations explained, iv. ..	59

Rain, A tabular view of the fall of, and of other Meteorological Phenomena in Calcutta, from 1829 to 1847, xvii. p. i. Page	349
<i>Rajagriha</i> , Locality of, iii.	366
Rajas of the Balhara dynasty, iv. 486,	640
— of Canouj, iv. 369, 640,	671
— of Simroun, iv.	124
— of Kamrup, iv.	191
— of Shekhavat, iv.	390
RÁJENDRALÁL MITREA , Note on an Inscription from Oujein, xix.	475
————— Note on an Inscription from Thanes-war, xxii.	673
————— Note on three Ancient Coins found at Mohamadpur, in the Jessore district, xxi.	401
————— On the Peculiarities of the Gáthá Dialect, xxiii.	604
————— Translations of Inscriptions from Singapur, xvii. p. i.	71
————— Translation of an Inscription from Oomga, xvi.	1226
————— Translation of an Inscription from Udayapur, xvii. p. i.	68
<i>Rajmahal Hills</i> , Notes upon the Geology of the, being the result of Examinations made during the cold season of 1852-53, xxiii.	263
————— Notes on a tour through the, xx.	544
<i>Rájmálá</i> , or Chronicles of Tripura, Analysis of the Bengali Poem, xix.	533
Ramcharan, Founder of a Sect, iv.	65
RAMCOMUL SEN , A short account of the Charak Puja ceremonies and description of the Implements used, ii. ..	609
<i>Rampur Bauleah</i> , On the Meteorology of, for the year 1851, xxii.	593
Ramsanehis, Hindu Schismatics, iv.	65
<i>Ramri</i> , Account of, iv. 20, 82,	199
————— Inscription from, iii. 194, 209,	245
————— Geology of, iv. 20, 94,	199

	Page
<i>Ramri</i> , Natural History of, iv.	35
<i>Rangoon</i> , Analysis of Petroleum from, iv.	527
——— Field Hospital, Meteorological Observations kept at the, xxi. 520,	622
<i>Raniganj</i> District, Memorandum on the prospect of remuneration in working the Iron Mines of the, xxii.	484
<i>Ranode</i> , in Scindeah's Dominions, Memorandum regarding the recently discovered ruins of, xvi.	1079
<i>Raptores</i> , New genera of, vi.	361
<i>Rassayil Ikhwan al çafa</i> , Notices of the Arabic work entitled, xvii. p. i.	501
RAVENSHAW , E. C. Translation of various Inscriptions found among the Ruins of Vijayanagar, A. R. xx.	1
————— Memorandum on the construction of a Portable Meridian, xii.	437
————— An abstract translation of the Avatars of Vishnoo, from the Pudina Pooran, xi.	1112
————— Memorandum on the ancient bed of the River Soane and Site of Palibothra, xiv.	137
————— Notice of Inscriptions in Behar, viii.	347
————— Indian Meteorology, ii.	206
RAVERTY , H. G. Some Remarks on the Origin of the Afghan people and dialect, and on the connexion of the Pushto language with the Zend, the Pehlavi and the Hebrew, xxiii. ..	550
Rebellion , Report of a Trial for, held at Moulmein by the commissioner of Tenasserim, xiv.	747
RECKENDORFF , S. Notes on the Pokree and Dhanpoor Copper mines, in Gherwal, xiv.	471
Red Sandstone , from the junction of the diamond Limestone and Sandstone at Nurnoor in the Kurnool Territory, Southern India, Examination of a remarkable, xiii.	336
<i>Red Sea</i> , Saltness of the Water of the, iv.	509
Registers of Temperature and Fall of Rain kept by Medical Officers in different parts of India, Abstract of, xxi.	383
REID , LT.-COL. A note on the winds, as influencing the tracks sailed by Bermuda vessels; and on the advantage which may be derived from sailing on curved courses when meeting with revolving winds, xii.	1104

	Page
Rekha ganita, Discovery of the, vi. ..	938
Rekhtah Verses ? Has Sady of Shyraz written ? xxi. ..	513
Remusat's Review of Buddhism, A criticism of, iii. 382, 425,	499
Reply to the questions of the Burmese Prince, ii. ..	653
Report on the publication of the Asiatic Researches, ii. ..	323
——— on the expediency of continuing the Boring experiment in Fort William, ii.	369
——— on a Collection of objects of Natural History from Sylhet, ii.	588
——— on the Mahavanso, v.	829
——— on the Alif Leila, v.	589
——— on the Euphrates Expedition, v.	675
——— of the Society of Arts on Specimens of Rice, Wool, &c. from Nepal and Assam, v.	365
——— of the Coal Committee, ix.	198
——— made by J. Mohl, at the General Meeting of the Asiatic Society of Paris, 31st May, 1841, xi.	411
——— on Allahabad pillar, vi.	798
——— on Mackenzie Records, v.	512
——— on the Vedas, xvi.	505
——— Financial, xviii..	860
——— Annual, of the Asiatic Society of Bengal, iii. 349 ; iv. 54 ; viii. 245 ; ix. 91 ; xvi. 89 ; xvii. p. i. 171 ; xviii. 88 ; xix. 150 ; xx. 81. ; xxi. 80 ; xxii. 82 ; xxiii.	97
——— of the Curator of the Museum of Economic Geology (H. Piddington, Esq.) x. 31, 64, 166, 415, 591, 675, 751 ; xi. 470, 603,* 873, 892, 1203, 1206 ; xii. 68, 163, 333, 419, 520, 622,* 735, 833, 921, 1025, 1114 ; XIII. vi., xix., xxv., xxxiv., xlvi., lx., lxxxiii., cxvii., cxlii. ; XIV. xiii., lii., lxxxiv., cxv. ; XV. xiv., lxvi., lxi., lxxv. ; xvi. 382, 500, 724, 1260 ; xvii. p. i. 167, 344 ; xvii. p. ii. 702 ; xviii. 181, 418 ; xix. 156, 482, 564 ; xx. 364, 438, 625 ; xxi. 361 ; xxii. 206, 311 ; xxiii. 204, 399,	745
——— of the Curator of the Zoological Department (E. Blyth, Esq.) x. 836, 917, 936 ; xi. 95, 199, 444, 585, 788, 865, 880, 969, 1202 ; xii. 66, 166, 925 ; XIII. liv., lxiv. ; XV. xcix. ;	

XVI.	209, 385, 502, 603, 725, 862, 992, 1176, 1271; xvii. p. i. 82, 247, 244, 559; xix. 88, 348, 490, 495, 497, 561. xx. 213, 443; xxi. 341, 433; xxii. 409, 580, 589; xxiii. 210,	.. .. .. .. ..	Page	729
Reptiles inhabiting the Peninsula of India, Catalogue of, xxii. 462,				
——— new or little known, Notices and Descriptions of vari- ous, xxii. 639; xxiii.				
——— inhabiting the Malayan Peninsula and Islands, Cata- logue of, xvi. 607, 897,				
Repulsion, Laws of, ii. 456,				
Resultant system for the construction of Iron Tension Bridges, xvii. p. ii.				
Revenue from Delhi Canals, ii.				
Revenues of States beyond the Sutlej from about 1750 to 1800, xviii.				
REYNOLDS, C. S. A Narrative of our connexion with the Dusannee and Cheanee Garrows, with a short account of their country, xviii.				
Rice, Nepal, quality of, v.				
RICHARDSON, DR. Journal of a Mission from the Supreme Government of India to the Court of Siam, ix. 1, ..				
——— Abstract Journal of an expedition from Moulmein to Ava through the Karen country, between December, 1836 and June, 1837, vi. 11,				
——— Journal of his travels in the Petty States to the north of the Tenasserim Provinces, v. 605, ..				
——— The History of Labong from the Native Records, vi.				
——— Journal of a March from Ava to Kendat on the Khyendwen River, performed in 1831, under the orders of Major H. Burney, ii.				
RIGBY, LIEUT. Memorandum on Building Materials of the district of Cuttack, forwarded to the Museum of Economic Geology, with a set of specimens, xi.				

Road from Sinde from Subzul to Shikarpoor, xii.	Page	59
ROBINSON, G. H. Meteorological Register kept at Kathmandu, xii.	768	
— Barometrical Elevations taken on a journey from Katmandhu to Gosainsthan—a place of pilgrimage in the mountain of Nepal, vi. 11,	696	
— W. Notes on the Languages spoken by the various tribes inhabiting the valley of Assam, and its mountain confines, xviii. 183,	310	
— Notes on the Dophlas and the Peculiarities of their Languages, xx.	126	
RÖER, E. Translation of the Report made by J. Mohl in the General Meeting of the Asiatic Society of Paris, 31st May, 1841, xi.	411	
— Descriptive list of some Coins lately received from the University of Christiana by the Asiatic Society, xii. ..	443	
— Bháscaře Acháryae Siddhánta Shirómáni sic dicti operis pars tertia, gunitadhiam, sive astronomiam continens, Latine vertit notásque adjecit, xiii.	53	
— Review of l'Histoire du Buddhism Indiene par E. Burnouf, xiv.	783	
— Védánta Sara, or Essence of the Védánta, an introduction to the Védánta Philosophy, by Sadánandu Párivara-jákáchárya ; translated from the Original Sanscrit, xiv. ..	100	
— Bháshá Parichchheda or Division of Language, a logical treatise, translated from the Sanscrita, xvi. ..	157	
— Review of a Lecture on the Sankhya Philosophy, embracing the text of the Tattwasamása, by Dr. J. R. Ballantyne, xx.	397	
— Index to the History of the Toorks, by Báron von Hammer-Purgstall, xiii.	550	
ROGERS, T. E. Correspondence regarding the Coal Beds in the Namsang Naga Hills, xvii. p. i.	489	
Rohtas, Sanscrit Inscription from, viii. 347, 693; ix. ..	65	
Roman Coins in the Society's Museum, i. 392,	476	
— Alphabet, Adaptation of, iii. 249,	281	
— Gold Coins, Remarks on some lately discovered, xx. ..	371	

	Page
<i>Roof of St. Peter's Church, v.</i>	208
— of Kasipur Foundry, iv.	111
<i>Roree in Khyrpoor, its Population and Manufactures, x.</i> 393,	479
<i>Roses and the Manufacture of Rose-water and Utter at Ghazee-pore, On the Cultivation of, viii.</i>	411
<i>Ross, D. Memoranda regarding the difference between morning and evening Altitudes for ascertaining the Apparent Time on board ship, i.</i>	202
<i>Routes, Remarks on the Protraction of, i.</i> 19; ii. ..	70
<i>ROWLATT, E. A. Report of an Expedition into the Mishmee hills to the North-East of Sudyah, xiv.</i>	477
<i>Row, J. Geological remarks during the march from Benares (old Road) viâ, Hazareebaug, Bankoora and Burdwan to Barrackpore, xiii.</i>	862
<i>ROXBURGH, W. Flora Indica or Descriptions of Indian Plants, Notice of, i.</i>	131
<i>ROYLE, J. F. Extracts explanatory of the Address on the exhibition of his Collection in Natural History at the Meeting of the Asiatic Society, on the 7th March 1832, i.</i> ..	96
— Account of the Honorable Company's Botanical Garden at Seharanpur, i.	41
— List of Articles of Materia Medica obtained in the bazars of India, i.	458
— Illustrations of the Botany and other branches of the Natural History of the Himalayan Mountains and of the Flora of Kashmir, Notices of, iii. 143,	530
<i>Ruins at Putharee, On the, xvii. p. i.</i>	305
<i>Rules of the Asiatic Society, xiii. xvii. xx.</i>	1
<i>Rumbowe, Account of, v.</i>	61
<i>Ruminants, Various Genera of the, xvi.</i>	685
<i>Rungamutty, The Ancient City of Kansonapuri now called, xxii.</i>	281
<i>Russaloo, On the Ballads and Legends of the Punjab, Refacimento of the Legends of, xxiii.</i>	123
<i>Russia's War with Persia, iii.</i>	277
<i>Russian Slaves in Bokhara, ii.</i>	237
<i>Rust, Method of preventing, iii.</i>	367

SAGRA, DON RAMON DE LA.	Coal from the district of Guanah in the Island of Cuba, i...	..	..	Page	366
<hr/>					
Analysis of the Copper Ores of Cuba					
	in the Cerco of Villa Clara, i.	..	..	Page	366
	Sah Dynasty, Cutch Coins of the, vi.	..	..		380
	Sailing, Superstitions regarding, vi.	..	..		811
	Salajit of Nepal, Analysis of the, ii.	..	..		482
	<i>Salem</i> Iron works, Notes on, i.	..	..		253
	Sal-forest of Nepal, Note on the <i>Cervus elaphus</i> (?) of the, x.	..	..		721
	Saline earth of Ghazipur, iii.	..	..		36
	— deposits in Hyderabad, ii.	..	..		77
	Saltiness of the Water of the Red Sea, iv.	..	..		509
	Saltpetre, Manufacture of, ii.	..	..		23
	Salt of Sambhur lake, v.	..	..		798
	— of Jamna bed, iii.	..	..		33
	— Mines of the Punjab, Account of the, i.	..	..		145
	— Manufacture of Salumba, vii.	..	..		363
	— Water, Corrosion of Iron by, xii.	..	..		1066
	— Works of Panchpadder, ii.	..	..		365
	<i>Salt Range</i> , Notes on the Nidification of some of the commoner birds of the, with a few additional from Kashmir, xxiii.	..	..		589
	— Geology of the, xxiii.	..	..		651
	— Report on the Geological Structure and Mineral Wealth of the, xxii. 229, 333,	..	..		444
	— and on its Coal and other Minerals, Report on the, xvii. p. ii.	..	..		500
	Salts called Puchwah and Phoolkharee, Report on the, x.	..	..		939
	Salumba salt, Manufacture of, vii.	..	..		363
	<i>Sama Esafzai</i> , Account of the Affghans inhabiting, xiv.	..	..		736
	Samudra Gupta's inscription revised, vi.	..	..		969 ^A
	SANDERS, J. P. Synopsis of the Winds, Weather currents, &c. between Bombay and Suez throughout the year, ii.	..	..		325
	Sand Hog, Arctonix collaris, Note on the dissection of the, viii.	..	..		408
	— Shower of, in the Chinese Plain, xx.	..	..		192
	Sandstone flexible, vi. 240,	..	..		987
	— formation at Sasseram, zillah Shahabad, Note on a curious, xiv.	..	..		495

	Page
<i>Sangala</i> , Note on the site of, vi. ..	57
<i>Sankhya Philosophy</i> , Review of a lecture on the, embracing the text of the <i>Tattwasamása</i> , xx. ..	397
<i>Sanskrit Poem, Uma</i> , ii. ..	357
——— Alliteration, Essay on, A. R. xx. ..	135
——— Euclid, Extract from the, vi. ..	942
——— Attributes of Adi Buddha in, v. ..	91
——— numerical Words, iii. ..	1
<i>Sapor</i> , Anecdote of king, vi. ..	82
——— supposed Coin of, iii. ..	439
<i>Sarguja</i> and its neighbourhood, On the Antiquities of, xvii. p. i.	65
<i>Sarnath</i> , Notes on the present state of the Excavations at, xxiii. ..	469
——— Statues discovered at, v. ..	588
——— Inscription, Note on, iv. 211, ..	712
<i>SÁRODÁPRASÁDA CHAKRAVARTÍ</i> , Literal translation of an ancient land grant from Assam, ix. ..	772
——— Ditto, ditto from Fyzabad, x. ..	101
——— Translations of Inscriptions from Kalinjer, xvii. p. i. ..	313
——— Ditto, ditto from Basantagurh, x. 664,	819
<i>Sassanian Coins</i> , On, iii. 566 ; xx. ..	525
<i>Sasseram</i> , zillah Shahabad, Note on a curious Sandstone formation at, xiv.	495
<i>Satellites of Jupiter</i> , Eclipses of the, ii. ..	41
<i>Satlaj</i> river, soundings in the, v. ..	814
——— Geography of the river, vi.	169
<i>Satpurah</i> range on the Nurbudda, Description of a colossal Jain Figure nearly 80 feet high, cut in relief, discovered on a spur of the, xviii.	918
<i>Saugor</i> , Notice of a Grant engraved on Copper found at Kumbhi, in, viii.	481
——— Suspension Bridge at, iii.	206
——— and Nerbudda territories, Fifteen varieties of Fossil Shells found in the, viii.	708
——— and Mhow, March between, viii. 805, ix. ..	311
——— Fossil Shells of, ii. 376,	549

		Page
<i>Saugor</i> , Geology of, ii.	..	475
<i>Scandinavia</i> , Antiquities of, vi.	..	896
<i>Schlegel</i> , Enigma of Professor, iii.	..	1
<i>Schultz</i> , M. Notice of his murder, iv.	..	604
Science, state of, in France, i.	..	206
——— state of, in England, i.	..	198
<i>Scinde</i> , various Routes in, from official documents from Bombay, xii.	..	44
<i>Scindi</i> language, A Vocabulary of the, xii.	..	1
<i>Scorpion</i> , Indian, i.	..	474
Sculptures found in the district of Peshawar, Note on some, xxi.	..	606
——— Supposed Indo-Greek, vi.	..	238
——— in alto-relievo sent by the Governor General to the Asiatic Society, Notes on the, xxii.	..	193
——— from the site of the Indo-Greek city of Bucephalia, xvi.	..	664
Sea water, Chemical Analysis of, iv.	..	509
—— water, On the Specific Gravity of, xiii.	..	766
—— monster in the Bay, Natural History of a, iv.	..	62
Seals of Malay Princes, iv. 248,	..	553
—— of Johole Panghuls, v.	..	263
Seasons, Revolutions of the, v. 281 ; vi. 303 ; vii.	..	192
<i>Secanderiah</i> , Caves at, ii.	..	658
<i>Seersa</i> to Bahawulpore, Report on the Route from, xiii.	..	297
<i>Seharanpur</i> , Account of the Botanic Garden at, i.	..	41
——— Longitude of, iii.	..	297
<i>Seistan</i> , Journal kept while travelling in, x.	..	319
——— A description of, xiii.	..	115
——— Ibn Houkul's Account of, xxi.	..	365
<i>Seringapatam</i> by the Hegulla pass to Cannanore, Notes chiefly Geological from, xv.	..	315
——— Meteorology of, iii.	..	139
Serpent, Sketch of an undescribed, with fangs and maxillary teeth, A. R. xix.	..	87
Serpentine rocks of Ava, vi.	..	276
Servitude Bond from Gorakhpur, vi.	..	950
<i>SETON-KARR</i> , W. Note of the course of study pursued by students in the Sanscrit College, Calcutta, xiv.	..	135

	Page
<i>Shahpura, A town in Udupur, iv.</i>	65
<i>SHAKESPEAR, A. Note on the Navigation of the river Nur-</i> <i>budda, xiii.</i>	495
<i>Shákya Sinha, Lineage of, v.</i>	31
——— date of his birth, i.	6
——— Notices on the life of, extracted from Tibetan Au- <i>thorities, A. R. xx.</i>	285
——— Race, The origin of the, ii.	385
<i>Shalaka Meteorite, Examination and Analyses of the, xx.</i> ..	299
<i>Shatool and Boorun Passes over the Himalaya, Diary of an</i> <i>Excursion to the, xv.</i>	79
<i>Sheep inhabiting the Himalayan region, with some brief remarks</i> on the craniological character of <i>Ovis</i> and its allies, x. ..	230
——— and Goats, of the Sub-Himalayas and of Tibet, On the, xvi. ..	1003
——— a Monograph of the Species of wild, x.	858
<i>Shells, Land, of India, iii.</i> 81,	520
——— Land and Fresh Water, occurring in Afghanistan, xviii... ..	649
——— Land and Fresh water, of Silhet, v. 350,	741
——— Fresh Water, iii.	89
——— Pterocyclos, v.	783
——— Indian, List of, i.	76
——— new Indian bivalve, iv.	450
——— Recent and fossil, ii.	270
——— New genera of Pelagian, iv.	173
——— Natural History of fresh water, iv.	529
——— Benson's collection of, iv.	183
——— new species of Carinaria, iv.	215
——— A new genus of, v.	781
<i>Sher Chin, Phal Chhen, Dkon Seks, Do, De, Nyang Das, and</i> <i>Gyut, being the second division of the Tibetan work entitled</i> <i>the Kah Gyur, Analysis of the, A. R. xx.</i>	393
<i>SHERWILL, W. S. A sketch of the Behar Mica Mines, xx.</i> ..	295
——— — Note on a curious sandstone formation at	
——— Sasseram, zillah Shahabad, xiv.	495
——— Geological Notes on Zillah Shahabad, xvi.	279
——— Notes upon a Tour in the Sikkim Himalayan	
Mountains undertaken for the purpose of ascertaining the	

Geological formation of Kunchenjenga and of the perpetually-snow-covered peaks in its vicinity, xxii.	540	Page	611		
SHERWILL, W. S. Note on the geological features of the zillah Behar, xv.	..	..	..	55	
————— Notes upon some Atmospherical Phenomena observed at Darjiling in the Himalaya mountains, during the summer of 1852, xxiii.	..	..	..	49	
————— A short notice of an ancient colossal Figure carved in granite on the Mandar hill, in the district of Bhagulpur, xx.	..	..	..	272	
————— The Khurrukpur Hills, xxi.	..	..	..	195	
————— Note on the bird-devouring habits of a species of Spider, xix.	..	..	..	474	
<i>Shikarpore</i> and Kharassan, Silk Trade of, ix.	..	..	..	843	
————— Memorandum on, x.	..	..	..	17	
————— and Candahar, Memorandum on the Trade between the Towns of, x.	..	..	..	12	
SHORTREDE, R. Meteors observed at Allahabad on the 10th of August, 1842, xi.	..	..	..	959	
————— Equations of Condition for a Quadrilateral, common or re-entrant, xi.	..	..	..	28	—
————— Scheme of a Table for all Time, x.	..	..	..	595	—
————— Table of proportional Logarithms, x.	..	..	..	713	—
————— On an ancient magic Square, cut in a temple at Gwalior, xi.	..	..	..	292	
————— Remarks on the essay "On the Theory of Angular Geometry," xi.	..	..	..	240	
————— Compendious logarithmic Tables, xi.	..	..	..	40	—
————— Comparison of the areas of Plane and Spherical Triangles, xi.	..	..	..	776	
————— Remarks on some of the disturbing causes in Barometric Observations, xii.	..	..	..	293	
————— Account of a luminous Meteor seen at Charka, Lat. $24^{\circ} 06'$ Long. $81^{\circ} 02'$ on the morning of the 11th April, 1842, xii.	..	..	..	235	
————— Perpetual Moon Table, xii.	..	..	..	103	
————— A Companion to the Moon Table, xii.	..	..	..	231	

	Page
SHORTREDE, R. On Barometric Heights, xii. ..	298
<i>Shoa</i> , Agriculture and land produce of, xiii. ..	253
— Report on the Manners, Customs and Superstitions of the people of, and on the history of the Abyssinian Church, xii.	625
Shou or Tibetan Stag, <i>Cervus affinis</i> , Mihi, On the, xix. 466, 518; xx.	388
SHOWERS, ST. G. D. Translation of an Inscription on a Gun at Moorshedabad, with remarks, xvi.	589
Shri Harsha's Naishadha Charita or Adventures of Nala Raja of Nishadha, a Sanscrit poem with a commentary by Prema-chandra, Review of, A. R. xx.	318
Siah Posh Tribe, Information regarding the, ii. 305; iii. 76; vii.	325
Siam , Journal of a Mission from the Supreme Government of India to, viii. 1016, ix. 1,	219
— On the Government of, A. R. xx.	245
Siamese Literature , On, A. R. xx.	338
Siddhantas , Extracts from, and use of, the, iii.	504
———— revised study of the, vi.	401
SIDDONS, H. Observations of the Tides at Chittagong made in conformity with the Circular of the Asiatic Society, vi. ..	949
— G. R. Extracts translated from the Granthas or Sacred Books of the Dadupanthi sect, vi.	750
———— Translation of one of the Granthas or Sacred Books of the Dadupanthi sect, vi.	480
———— Translation of the Vichitra Nátaka or Beautiful Epitome, a fragment of the Sikh Granth, xix. 521; xx. 314,	487
Sifan and Horsok Vocabularies, with another special exposition in the wide range of Mongolian affinities, and remarks on the lingual and physical characteristics of the family, xxii. ..	121
Sikh States , Botanico-agricultural account of the, vii. 751; xi. ..	26
Sikkim , Note on the Lepchas of, with a Vocabulary of their language, ix.	379
— Examination and analysis of an Orange Yellow Earth from, xix.	143

	Page
<i>Sikkim, to the Frontiers of Thibet, Diary of a Journey through,</i> xxi. 407,	477
<i>— On the Literature and Origin of certain hill tribes</i> <i>in, xi.</i>	4
<i>— Himalayah Mountains, Notes upon a Tour in the,</i> undertaken for the purpose of ascertaining the geological formation of Kunchinjinga and of the perpetually snow- covered peaks in its vicinity, xxii. 540,	611
<i>Siláditya, Dynasty of, mentioned in a Chinese account of India, vi.</i>	69
<i>Sil Hako or Stone Bridge in zillah Kamrup, Brief notice of</i> the, xx.	291
<i>Silenus, Indian statue of, v.</i> 517,	567
<i>Silhet, recent shells of, v.</i>	741
<i>— Fossil shells of, v.</i>	519
<i>Silicious Tufa from Bhotan, iv.</i>	410
<i>Silk of Assam, Note on the, v.</i>	759
<i>— Analysis of raw, iv.</i>	710
<i>— Report upon the Improvement of the manufactured, in</i> Mysore and the Salem districts, xi.	218
<i>— Trade between Shikarpore and Khorassan, and the pro-</i> duce of Indigo in Sindé, ix.	843
<i>Silkworms of Assam, vi...</i>	21
<i>— of India, vi.</i>	38
<i>Silt held in suspension by the waters of the Hooghly at Cal-</i> cutta, in each month of the year, On the quantity of, xxiii...	283
<i>Silver Plates found at Badakshan, vii.</i> 1047, x.	570
<i>— Dilatation of, by heat, ii.</i>	130
<i>— Mines of Cuba, i.</i>	423
<i>Simla, Observations of Meteors, on the night between the 12th</i> and 13th November, 1841, made at the Magnetic Observatory of, x.	964
<i>Simpiesometer, The Tropical Tempest, xii.</i>	451
<i>Simpiesometers, Aneroid and Marine Barometers in Cyclones,</i> On the comparative action of, xx.	219
<i>Simroun, Ruins of, described, iv.</i>	121
<i>SINBALDO DE MAS. On the Egyptian system of artificial</i> Hatching, viii.	38

SINCLAIR, P. G. Table of the Times of High Water at the principal places between Calcutta and Point Palmiras, iii.	Page	408
Sindhi language, Grammar of the, vi.	..	347
<i>Sindh</i> , Upper, and the Eastern portion of Cutchee, with a Memorandum on the Beloochee and other tribes of Upper Scinde and Cutchee, and a Map of part of the country referred to, xii.	.. .. .. ..	23
— Description of, vii.	.. .. ..	297
— History of, from the Chuch Nameh and other authorities, vii. 297 ; x. 183 ; xiv. 75,	.. .. ..	155
— and Marwar, Alphabets of, vi.	.. ..	352
<i>Singapur</i> , Inscription at, xvii. p. i.	.. ..	154
— Daily Register of the Tides at, from the 1st September, 1834, to the 31st August, 1835, inclusive, A. R. xix...	..	201
— Inscription from, vi. 680, xvii. p. i.	.. ..	71
— Climate of, ii.	.. .. ..	428
— On the Local and relative Geology of, including notices of Sumatra, the Malay Peninsula, &c. xvi.	..	667
<i>Singhana</i> Copper Mines, iv.	.. ..	581
<i>Singhboon</i> division, Geological Structure and Mineral Resources of the, xxiii.	.. .. ..	103
— Notes of Ruins in, xx...	.. .. ..	283
<i>Singphos</i> of Assam, v.	.. .. ..	199
<i>Sirat ul Mustaqim</i> , Notice of the, i...	.. .. ..	479
<i>Sisupala Badha</i> or death of Sisupala, by Mágha, viii.	.. ..	16
<i>Sivalik Hills</i> , Note on the Fossil Camel of the, A. R. xix.	..	115
— Note on the Ursus sivalensis, a new fossil species from the, A. R. xix.	.. .. ..	193
— The Fossil Gharial of the, A. R. xix.	.. ..	32
— Fossil remains of Camelidæ of the, ix.	.. ..	620
— Note on the Felis cristata, a new Fossil Tiger from the, A. R. xix.	.. .. ..	135
— Sivatherium from the, vide the next,	.. ..	.
<i>Sivatherium giganteum</i> a new fossil ruminant Genus from the valley of the Markanda in the Sivalik branch of Sub-Himalayan Mountains, A. R. xix. 1, J. A. S. iv. 587 ; v.	.. ..	38
— New fragments of the, vi.	.. ..	152

	Page
Slate Quarries near Bombay, i.	514
Slavery in Gorakhpur, vi.	950
SLEEMAN, W. H. History of the Gurha Mundala Rajas, vi. ..	621
SMITH, E. Notes on the Specimens of the Kankar Formation, and on Fossil Bones collected on the Jumna, ii. ..	622
— R. B. Register of Indian and Asiatic Earthquakes for the year 1843, xiv.	604
— Memorandum on the Organization of a Museum of Economic Geology for the North-Western Pro- vinces of British India, to be established at Agra, x. ..	779
— The Galvanic Battery in its various practical Applications as an Igniting Agent, ix.	1149
— Memoir on Indian Earthquakes, xii. 258, 1029 ; xiii.	964
— Notes on the Recent Earthquakes on the North- Western Frontier, xi.	242
Snails, A new genus of, i.	11
Snake, Notice of a new species of, iv. 217 ; v. ..	439
Snipes, New species of, vi.	489
Snow-line in the Himalaya, Remarks on the, xviii. ..	954
— Note on the Limits of perpetual, xviii. ..	694
Snowy Range, north of Darjeeling, Notes on a curious species of Tiger or Jaguar killed near the, xii.	814
Societe d'Historie Naturelle de Mauritus, Proceedings of the, i. 39, 79, 119, 160, 258,	302
Society, Asiatic of Paris, iii.	311
— Batavian, Notice of, iii.	367
— Royal, Anniversary Meeting of the, ii. ..	375
— Royal Asiatic, Annual Meeting of the, iii. 99, ..	417
— Literary, of Madras, ii.	154
— Asiatic, of Bengal, Proceedings of, vide Proceedings.	
— Medical and Physical, of India, vide Proceedings.	
Socotra, Report on the Island of, iv.	138
— Natural History of, iv.	143
Soil suitable for cotton, v.	314
Somnath, Documents relating to the Gates of, xii. ..	73
— Note on, vii.	883

<i>Soobathoo to Shipke in Chinese Tartary, Narrative of a Journey from, xi.</i>	.. .. ..	Page	363
<i>Sooraj-ood Dowlah, the Mausoleums of the Nowabs Ali Verdi Khan and, xxi.</i>	.. .. ..	..	504
<i>Southern India, i.</i>	.. .. ..	..	245
————— Fossil fresh water deposit in, Note on a recent, with a few remarks on the origin and age of the Kunkur, xiii.	..	313	
<i>South India from Madras to Goa, Notes chiefly geological across, xiv.</i>	.. .. ..	..	497
————— Notes chiefly Geological, on the western coast of, xv.	.. .. ..	..	224
<i>SOYUTI on Earthquakes, Translated from the Arabic, xii.</i>	..	741	
<i>Spathium genus, Observations on the, xi.</i>	.. ..	..	145
<i>Spider, Note on the Bird-devouring habits of a species of, xix.</i>	.. .. ..	..	474
————— Ova of the, i.	.. .. ..	..	474
<i>Sounding mountain in the Red Sea, vi.</i>	.. ..	..	403
<i>SPILSBURY, G. G. Notes on Fossil Discoveries in the valley of the Nerbudda, x.</i>	.. .. ..	..	626
————— Note regarding the Bhilsa Monument, iv.	..	712	
————— Notice of new sites of fossil deposits in the Nerbudda Valley, vi.	.. .. ..	..	487
————— Notes of a March from Brimhan Ghat on the Nerbudda to Umurkuntuk, the Source of that River, ix.	..	889	
————— Geological Section across the Valley of the Nerbudda from Tendukheri to Bittoul, iii.	.. ..	..	388
————— Notice of a Grant engraved on copper found at Kumbhi in the Saugor territory, viii.	..	481	
————— On Bos gaurus, ix.	.. ..	..	551
————— Notes on Nerbudda Fossils, xiii.	..	765	
————— On fifteen varieties of fossil Shells found in the Saugor and Nerbudda territories, viii.	.. ..	..	708
<i>Spiti, Journal of a trip through Kunawur, Hungprung and, viii. 901 ; ix.</i>	.. .. ..	..	555
————— valley, Proposal to explore the, vi.	.. ..	..	898
————— valley, Report on the, xix.	.. ..	..	429
————— Geological Report on the, and of the route from Kotghur, x.	..	198	
<i>SPRENGER, A. Manuscripts of the late Sir H. Elliot, xxiii.</i>	..	225	

SPRENGER, A. Has Sady of Shyraz written Rekhtah verses?		
xxi.	Pege	513
————— Mohammad's Journey to Syria and Professor Fleischer's opinion thereon, xxi.		576
————— Notice of a copy of the original Text of Tabary, xix.		108
————— Balamy's Translation of the History of Tabary, xvii. p. ii.		437
————— On the First volume of the original Text of Tabary, xxii.		195
————— Hindustani Poetry, xxii.		442
————— Catalogues of Oriental Libraries, xxii.		535
————— Notices of some copies of the Arabic work entitled Rasayil Ikhawan al Qasa, xvii. p. ii. 183, p. i. ..		501
————— As Soyuti's work on Earthquakes, xii. ..		741
————— Some Original Passages on the early Commerce of the Arabs, xiii.		519
————— A passage from Ibn Qotaybah's Adab al Katib, on Arabic Astronomy, xvii. p. ii.		659
————— Chronology of Makkah and the Hijaz before Mohammad, chiefly founded upon Genealogy, xx. ..		349
————— Observations on the Physiology of the Arabic language, xx.		115
————— On the Ghassanite Kings, xix.		469
————— The Initial Letters of the Nineteenth Surah of the Quran, xx.		280
————— On the Earliest Biography of Mohammad, xx...		395
SPRY, H. H. Note on the Fossil Palms and Shells lately discovered on the Table Land of Sagor, in Central India, ii. ..		639
————— Note on Indian saline Deposits, i...		503
Squirrel, flying, Summary description of two new species of, xiii. ..		67
<i>Sreminanti</i> , a Malacca State, v.		507
<i>St. Martins</i> , A Map of the Isle of, xi.		309
STACY, L. R. Note on two Coins of the same species as those found at Behat, having Greek inscriptions, iii.		431
————— Note on the discovery of a relic of Grecian Sculpture in Upper India, v.		567

Stag, or the species of true or elaphoid form of <i>Cervus</i> , comprising those more immediately related to the Red Deer of Europe, A general review of the, x.	..	Page	736
Stalactite, Calcareous, of Tibet, iv.	..	..	520
Standard Bar, Expansion of, ii.	..	..	138
— Weights of England and India, i.	..	..	442
STARK, J. Discovery of the Silhet Coal Mines, ii.	..	47	
Statistical Committee, Correspondence and Discussions regarding the, vi. 1, 5, 7, 497,	..	..	706
Statistics of Bengal, Contribution to the, Income, Expenditure and Food, xxii.	..	..	387
— of Kemaon, iv.	..	..	359
— of Mathura or Muttra, v.	..	..	216
— of Ramri Island, iv.	..	..	200
— of Banda, Report on the, xix.	..	..	89
— of Malacca, iv.	..	..	316
— of Chinese Tartary, iv.	..	..	654
— of Bareilly, iii.	..	..	475
— of Burmah, iv.	..	..	180
Steam Carriages, On the Improvements in, i.	..	..	425
Steel in Southern India, Report upon the manufatures of, xi...	..	217	
STEPHENSON, J. On the Saline Nature of the Soil of Ghazipoor and the Manufacture of Common Salt as practised by the natives of the villages of Tuttulapoor, Ratouly, Sahory, Chilar and Becompoor, iii.	..	..	36
— Specimens of the Soil and Salt from the Samar or Sambhur lake Salt Work, collected by Lieut. Arthur Conolly and analayzed by, v.	..	..	798
— Extract from a Journal of a Residence, and during several Journeys, in the Province of Behar in the years 1831-34, iv.	..	..	713
— On the Efflorescence of Khari Nun or Sulphate of Soda as found native in the soil of Tirhut and Sarun, in the Province of Behar, iii.	..	..	188
— Excursion to the Ruins and Site of an ancient city near Bakhra, iv.	..	..	128
— Note on Vegetable Impressions in Agates, iv.	..	507	

STEVENSON, J. Restoration and Translation of some Inscriptions at the Caves of Carli, iii.	Page	495
— Notice of a native sulphate of Alumina from the aluminous rocks of Nipal, ii.		321
— Notice of a native Sulphate of Iron from the hills of Behar and used by native dyers of Patna, ii. ..		321
— Notice of Analysis of the ashes of four Indian plants, ii.		322
— On the Manufacture of Saltpetre as practised by the natives of Tirhut, ii.		23
— On the Pea Stalactite of Tibet, iv. ..		520
STEWART, D. Statistical Record of the duration of diseases in 13,019 fatal cases in Hindoos ; Extraordinary Mortality among lying-in women, viii.		316
STIRLING, E. Notes on the manners and habits of the Turkoman tribes, with some geographical notices of the country they occupy, x.		290
— History of the Rajas of Orissa from the reign of Raja Yudhisthira ; translated from the Vansávali, vi. ..		756
— Price of Grain at Allygurh near Delhi, from the year 1804 to 1832, inclusive, iii.		620
Storms in the Indian and China Seas. <i>Vide</i> Piddington.		
— of Wind experienced in Tartary, Memorandum relative to the, xix.		242
Story of the Physician and King, vi.		164
— of king Sundabad, vi.		166
STRABO, quotation from, explained, vi.		389
STRACHEY, H. Narrative of a journey to Cho Lagan (Rakas Tal) Cho Mapan (Manasarowar) and the valley of Pruang in Gnari, Hundes, xvii. p. ii. 98, 127,		327
— On the Snow-line in the Himalaya, xviii. ..		287
— Note on the construction of the map of the British Himalayan Frontier in Kumaon and Gurwal, xvii. p. ii. ..		532
— Notice of Scientific Enquiries in Kumaon, xix...		239
— Extract of a letter regarding his trip to Tibet, xvii. p. ii.		578
— Notice of a Trip to the Niti Pass, xix. ..		79

STRACHEY, H. A Description of the Glaciers of the Pindur and Kuphinee rivers, in the Kumaon Himalaya, xvi.	Page	794
<hr/>		
Note on the motion of the Glacier of the Pindur in Kumaon, xvii. p. ii.	.. .. ..	203
Strychnia, New mode of preparing, ii.	.. ..	42
Stylocerus, Anatomy of Ailurus porcula and, xvii. p. ii.	.. ..	475
Sub-Himalayas, On the Leiotrichane Birds of the, with some additions and annotations,—a Synopsis of the Indian Pari,—and of the Indian Fringillidæ, xiii.	.. ..	933
Sub-Himalayan range around Darjeeling, A few observations on the probable results of a scientific research after metalliferous deposits in the, xvii. p. i.	.. .. ..	137
Suddyah, Upper Assam, Ancient Temples and other remains in the vicinity of, xvii. p. i.	.. .. ..	459
Sugar, Soil suited to, v...	.. .. ..	316
SUKA, Prashnotarnmálá or the Catechetical Dialogue of, xvi...	.. .. ..	1228
Sun-dial at Agra, ii.	.. .. ..	251
Suspension Bridge at Fribourg in Switzerland, v.	.. .. ..	318
— Wheels, Account of : Jones's Patent, i.	.. .. ..	529
SUTHERLAND, J. C. C. Sisupála Badha or Death of Sisupála by Mágha, translated, with Annotations, viii.	.. .. ..	16
— On the Library at Jessulmere, xvii. p. i.	.. .. ..	158
Sutlej, Revenues of States beyond the, from 1750 to 1800, xviii.	.. .. ..	822
— Table of villages on the, vi.	.. .. ..	211
Swabhávika Doctrine, v...	.. .. ..	71
SWINEY, J. On the Explanation of the Indo-Scythic legends of Bactrian Coins through the medium of the Celtic, vi.	.. .. ..	98
SWINTON, G. The Dugong, ii.	.. .. ..	100
SYED AHMED, The Tenets of, i.	.. .. ..	479
SYKES, W. H. Catalogue of Birds of the insessorial order, in the Dukhun, iii.	.. .. .. .. ..	536
— Catalogue of Birds of the Raptorial and Insessorial Orders (systematically arranged) observed in the Dukhun, iii.	.. .. .. .. ..	418
— Catalogue of Birds (systematically arranged) of the Rasorial, Grallatorial and Natatorial Orders, observed in the Dukhun, iii. 597,..	.. .. .. .. ..	639

SYKES, W. H. Specimens of Buddhist Inscriptions with symbols from the West of India, vi. ..	Page	1038
————— Catalogue of Mammalia observed in the Dukhun, i.	..	161
<i>Sylhet, Kachar and the adjacent districts, Memoir of, ix.</i>	808
TABARY, Notice of a copy of the 4th volume of the Original Text of, xix.	108
————— The first volume of the Original Text of, xxii.	195
————— Balamy's translation of the History of, and Ghazzaly's History of the Prophets, xvii. p. ii.	437
Table for determining Heights by the Barometer, xix.	394
————— of Suspension Bridge Rods, iv.	223
————— of Scanlings of Beams, iv.	227
————— of Meridional Lengths, ii.	271
————— of Nepal Military Tribes, ii.	217
————— of Shells, ii.	270
————— of Contents of the Pitakattayan, vi.	527
————— of Multipliers to correct the approximated Height for the temperature of Air, ii.	200
————— of Temperature at Ambala, iv.	406
————— of Casualties in the Civil Service, vi.	346
————— of Lunar Barometric Depressions, iv.	254
————— of Strength of Materials, iv. 114, 116,	227
————— of Strength of Iron Bolts, iv.	225
————— of Land Produce, iii.	475
————— of Boiling Points, ii.	199
————— of Dadupur Fossils, v.	293
————— of Altitudes of Nepal mountains, vi.	699
————— of Tides at Madras, iv.	325
————— of Tides at Calcutta, iii.	409
————— of Satlaj villages, vi.	211
————— of Rain at different elevations, iv.	60
————— of Rain fall at Calcutta, iii. 633 ; iv.	207
————— of Rain at Dacca, iv.	405
————— of Annual Rain fall, v.	286
————— of Grain Prices, iii.	621
————— of Wet bulb Thermometer, v.	430
Tagoung, Images discovered at, v.	126

	Page
Tailor Bird, Nest of the, ii. 502,	648
Takin of the Eastern Himalaya, On the, xix. ..	65
<i>Talcheer</i> and Ungool, Report on the Coal and Iron Mines of, viii.	137
Tale by Insha Allah Khan, xxi.	1
TANNER, H. Note on the Asurhar of the Rajmahal Hills, iv...	707
Tantras, Specimen of the doctrines of the, vi. ..	14
Taphozous, Three Indian species of Bat of the genus, x. ..	971
————— longimanus of Gen. Hardwicke, Descriptive Notice of the, xi.	784
<i>Tartary</i> , Oral description of, iv. ..	653
Tathagata a name of Buddha, iv. 133,	.. ..
<i>Tatta</i> and Sehwan Scinde, ix.	907
Tattooing at Arracan, Mode of, iv. ..	206
Tattvasamāsa, Notice of the, xx. ..	397
Taxidius leucurus, Tibetan Badger, xvi.	.. ..
<i>Taxila</i> , On the province of, v.	468
TAYLOR, T. G. Astronomical Observations at Madras, ii. ..	380
————— Collimation Error of Astronomical Instruments, iv.	258
————— A brief account of the system adopted by divers in the Deccan for the recovery of valuables lost in the tanks and rivers of that province, iii.	45
————— Determination of the Errors of Division of the Mural Circle at the Madras Observatory, iii.	403
————— Observations of the Magnetic Dip and Intensity at Madras, vi.	374
————— Some account of the Hill Tribes of the Piney hills in the Madura district, extracted from the MS. Journal of the late Major Ward, iv.	664
————— T. M. Report on the progress of the Boring exper- iment in Fort William, vi.	234
————— J. Remarks on the Sequel to the Periplus of the Erythrean Sea, xvi.	1
————— W. Examination and Analysis of the Mackenzie Manuscripts deposited in the Madras College Library, vii. 105, 173, 371,	469
Tazkiras, Hindi and Urdu-Hindi, xvii. p. i.	541

	Page
Tea plant of Assam, Natural History of the, iv.	42
— Soil suited to, v. ..	.. ..
— discovered at Tsambatoung, vi.	.. ..
— ditto at Muttock, vi.	.. ..
— ditto in Assam, iv. 42,	.. ..
— plantations of Fuhkin, iv.	.. ..
— Cultivation of, iii. ..	.. ..
— hills of China, Visit to the, iv. ..	.. ..
— On the Manufacture of, and on the extent and produce of the tea plantations in Assam, viii. ..	497
Telegraphic Signals by induced Electricity, Memorandum rela-	
tive to experiments on the communication of, viii. ..	714
Temperature, Hour of maximum, in hills, i. ..	97
— Daily Register of, during a part of 1850, at Meerut in the Upper Dooab, xxi.	563
— of the Hot Springs at Peer Mangal or Munga or Mangear, xvii. p. ii. ..	230
— of deep Wells, iii. 366 ; iv. ..	229
— at Ambala, iv. ..	405
— of Space, iii. ..	253
Temples and Ruins of Oomga, On the, xvi. ..	656
Tenasserim Provinces, Gamboge of the, xvi. ..	661
— Journey into the, v. 601, ..	688
— Papers relative to the new Coal Field of the, viii.	385
— Zoology of the, vii. ..	357
— the surrounding Nations, Inhabitants, Natives and Foreigners, Character, Morals, and Religion, Reports on the; vii. 855 ; viii. 385, 973 ; ix. ..	155
— Liquidamber tree of the, xvii. p. i. ..	532
— Land Shells of the, xvii. p. i. ..	62
— Animal productions of the, vii. ..	855
— Gum kino of the, xvii. p. ii. ..	223
— Report of a Visit to the Pakchan River, and of some Tin localities in the Southern portion of the, xii.	523
Tenets of the followers of Syed Ahmed, i. ..	479
Terminology, Classical, of Natural History, x. ..	26

Terrestrial Magnetism, On the rates of Chronometers as influenced by the local attraction of Ships and, xx.	Page	61
Thaneswar, Note on an Inscription from, xxii. . .	Page	673
THEOBLOD, W. Geology of the Salt Range, xxiii. . .	Page	651
————— Notes on the nidification of some of the commoner birds of the Salt Range, with a few additional from Kashmir, xxiii.	589	
Thermometer, Measurement of heights with the, ii. . .	Page	194
Thermometrical Register at London, Abstract of a, i. . .	Page	195
THOMAS, E. Note on Col. Stacey's Ghazni Coins, xxi. . .	Page	115
————— Notes on the present state of the Excavations at Sarnath, xxiii.	469	
————— An account of eight Kufic Silver Coins, xx. . .	537	
————— On Sassanian Coins, xx. . .	525	
THOMASON, J. Report on the Settlement of the ceded district of Azimgurh, commonly called Chuklah Azimgurh, viii. . .	Page	77
THOMSON, J. Rules for calculating the lengths of the drop-bars of suspension bridges, the length and deflection of the chain, rise of the roadway, &c., iv. . .	Page	222
————— A Table of the scantlings of beams of Teak or Saul wood to sustain a terrace roof not exceeding seven inches in thickness, the deflection not to exceed one-fortieth of an inch, for each foot of length, iv.	227	
————— Table shewing the weight or pressure which a cylindrical wrought iron bolt will sustain, when supported at the ends and bonded in the middle of its length, iv. ..	225	
————— Minerals of the Trappean Rocks of Bombay, iv. . .	530	
Thor, Hindu parallel to, ii. . .	Page	349
Thrushes, New genera of Indian, vi. . .	Page	101
THUILLIER, H. E. L. Meteorological Summary for 1847, xvii. p. i.	Page	550
————— A Tabular view of the fall of rain and other remarkable Meteorological Phenomena in Calcutta from 1829 to 1847, xvii. p. i.	349	
THURBURN, CAPT. Report on the Turan Mall Hill, xx. . .	Page	502
Tibet, Answers to Mr. Piddington's Queries about Winds, Storms, &c. in, xix. . .	Page	457

<i>Tibet, Notice of the Mammals of, with descriptions and plates of some new species, xi.</i>	..	..	Page	275
— Works on, vii.	..	..	..	147
— On the Capital of Little, iv.	..	..	..	589
— and the Himalayan Slopes near to the snows, Marmots of, xii.	..	..	..	409
— Sacred Scarf from, v. 373,	..	..	..	384
— Geographical Notice of, i.	..	..	..	121
<i>Tibetan Medical Work, Analysis of a, iv.</i>	..	..	1	
— Type of Mankind, xvii. 222, p. ii.	..	..	..	580
— Dictionary and Grammar, iii.	..	..	..	653
— Extracts, iii.	..	..	..	57
— Numerical Words, iii.	..	..	..	6
— Passport, Translation of a, ii.	..	..	..	201
— Standard, Inscription on a, v.	..	..	..	248
— Stag or Shou, xix. 466,	..	..	..	518
— Frontier, Correspondence regarding the, xvii. p. i.	..	..	..	89
— Badger— <i>Taxidia leucurus</i> , xvi.	..	..	..	763
<i>TICKELL, S. R. Memoir on the Hodesum (improperly called Kolehan) ix. 694,</i>	..	..	..	783
— Supplementary Note to the Memoir on the Hodesum, x.	..	..	..	30
— Vocabulary of the Ho-language, ix.	..	..	..	1063
— List of Birds collected in the jungles of Bora- bhumi and Dholbhumi, ii.	..	..	..	569
— Grammatical construction of the Ho-language, ix.	..	..	..	997
— Notes on the Heuma or Shendoos, a tribe inha- biting the hills north of Aracan, xxi.	..	..	..	207
— Notes on the Bendkar, a people of Keonjur, xi.	..	..	..	205
— <i>Manis crassicaudata</i> , (Auct.) <i>M. pentadactyla</i> . (Ibid) short-tailed or thick-tailed <i>Manis</i> , xi.	..	..	..	221
— Notes on a curious species of Tiger or Jaguar, killed near the Snowy Range, north of Darjeeling, xii.	..	..	..	814
— On the Oology of India, a Description of the eggs, also nests, of several birds of the plains of India, &c. xvii. p. i. ..	..	..	..	297

Tides in the Indian Archipelago, observations made during the year 1839, A Succinct Review of the, x.	..	Page	302
— at Singapore from the 1st September, 1834, to the 31st August, 1835, inclusive, Daily Register of the, A. R. xix.	..	201	
— at Chittagong, Observations of, vi.	..	949	
— Desiderata regarding, ii. 151, vi.	..	401	
— at Prince of Wales' Island and Singapore, Register of the Rise and Fall of the, xi. 149, 263, ..	..	359	
— at Calcutta, iii. ..	..	408	
— in Bombay harbour, ii.	..	247	
— at Madras, iv. ..	..	325	
— Semi-menstrual Equation of, iv.	..	517	
Tiger, Mode of catching, in Ramri, iv.	..	94	
— Note on the <i>Felis cristata</i> , a new fossil, A. R. xix.	..	135	
— or Jaguar killed near the Snowy Range, north of Darjeeling, xii. ..	..	814	
Time, Scheme of a Table for all, x.	..	595	
Timur, Genealogy of, iii.	..	378	
Tin of Mergui, Report on the, x. 845 ; xi. 24, 289,	..	839	
— from Malacca, Analysis of, iv. ..	..	512	
— Mines of Malacca, iv.	..	543	
Tinned Iron, Preservation of, iii.	..	367	
<i>Tirhut</i> , Sulphate of Soda from, iii.	..	188	
— Meteorological Phenomena in, iv.	..	713	
— Saline Soil, Analysis of, iii. ..	..	188	
Tobacco, Soil suited to, v.	..	315	
TODD, MAJOR, Report of a Journey from Herat to Simla, via Candahar, Cabool and the Punjaub, undertaken in the year 1838, xiii.	..	339	
<i>Toorks</i> , Index to the History of the, xiii.	..	550	
Tooth relic of Ceylon, vi.	..	856	
Tope of Khaiber, Sketch of the, vi. ..	..	879	
— of Manikyala, iii. 313, 436, 566 ; xxii.	..	570	
— of Sanchi, ..	..	..
— of Bhilsa, iii. 411, 488 ; iv. 712 ; xvi.	..	739	
— of Sarnath, iv. 712 ; xxii.	..	570	
— of Bakra, iv. ..	..	128	

Torkoman Tribes, Notes on the Manners and Habits of, with some Geographical notices of the country they occupy, x.	Page	290
TORRENS, H. Note on a specimen of Iron from the Dhunakar Hills, xix.	.. .. .. ..	77
——— Note on Bameean Coins, ix.	.. ..	70
——— Translation of some uncertain Greek legends on Coins of the Indo-Scythian Princes of Cabul, xx.	..	137
——— On Native Impressions regarding the Natural History of certain Animals, xviii.	.. ..	788
——— Remarks on M. Schlegel's objections to the restored editions of the Alif Leilah or Arabian Nights' Entertainments, vi.	.. .. .. ..	161
——— Notice of an Inscription in Behar, ix.	.. ..	65
——— Some conjectures on the progress of the Brahminical conquerors of India, xix.	.. ..	1
Tracks sailed by Bermuda Vessels, A note on the winds, as influencing the, xii.	.. .. ..	1104
Trade of Assam with China, v.	.. ..	203
—— of the N. W. P. with Affghanistan, x.	.. ..	251
Transit of Mercury, Observations of, i.	.. ..	408
TRANT, LIEUT. Report on a Route from Pakungyeh in Ava to Aeng in Arracan, xi.	.. .. ..	1136
TREBECK, MSS. of Mr., iii.	.. .. ..	526
—— Extracts from the MSS. of Mr., iii.	.. ..	574
—— The Grave of Mr., ii.	.. .. ..	14
TREGEAR, V. Note on the River Goomtee with a section of its bed, viii.	.. :	712
—— Notice of an ancient Mahal or Palace near Jaunpur in which some Hindu Coins were lately dug up, iii.	.. ..	617
—— A few Instructions for Insect Collectors, xi.	.. ..	473
—— Mode of taking facsimiles of Coins, x.	.. ..	158
TREMENHEERE, G. B. Tin of Mergui, report on the, x. 845 ; xi. 24, 289, 839 ; xiv.	.. .. ..	329
—— Report of a visit to the Pakohan River, and of some Tin localities in the southern portion of the Tenasserim Provinces, xii.	.. .. ..	523
—— Letter forwarding a paper on the formation of the Museum of Economic Geology of India, ix.	.. ..	973

TREMENHEERE, G. B. The Manganese of the Mergui Province,			
x.	Page	852	
Trial for Rebellion held at Moulmein by the Commissioner of			
Tenasserim, Report of a, xiv.	747		
Triangles, Comparison of the areas of Plane and Spherical, xi.			
776			
Trigonometrical Survey, Progress of the, i.	71		
Tripura, Analysis of the Bengali Poem Rájmálá or Chronicles			
of, xix.	533		
Trisection of Angles, i. 499 ; ii.	71		
——— Ditto, A. K.'s Note on, ii.	159		
——— Instrument, Defence of the, ii.	485		
Trochilus and Crocodile of Herodotus, Note on the, viii. ..	590		
TROTTER, R. Notes regarding the meteorology and climate of			
the Cape of Good Hope, xi.	211		
TROYER, A. Remark upon the second inscription of the Allahabad Pillar, iii.	118		
Tufa Formations in Persia, iii.	54		
Turacee and outer Mountains of Kumaoon, The, xvii. p. i. ..	349		
Turan Mall hill, Report on the, xx.	502		
TURNOUR, G. Examination of some points of Buddhist Chronology, v.	521		
——— Account of the Tooth Relic of Ceylon, supposed to be alluded to in the opening passage of the Feroz lat inscription, vi.	856		
——— An Examination of the Pali Buddhistical Annals, vi. 501, 713 ; vii. 686, 789, 919,	991		
——— Further Notes on the inscriptions on the columns at Delhi, Allahabad, Betiah, &c. vi.	1049		
——— Mahawanso, Note on the, v.	829		
Turpentine, Manufacture of, ii.	249		
TWEMLOW, B. On Artificial Fuel, xii.	228		
——— On Modes of obtaining Important Results by Simple Means, i. 68,	195		
Uch Sharif, Notice of, v.	796		
Udayapur, Vijaya Mandir, Inscriptions from, xvii. p. i. ..	68		
——— Shahpura, a town in, iv.	65		
Ujjayani, See Oujein.			

	Page
Uma, Legend of, ii.	329
Unicorn Fish, Accident from an, ii.	647
Unicorn Fish, Natural History of the, iv.	411
Upanishads, A Comparative list of, xx.	607
UPHAM's work on Buddhism, v.	55
Upper Ava, Geography of, vi.	245
Ure, A. Analysis of Iron Ores from Tavoy and Mergui, and of Limestone from Mergui, xii.	236
Ursistaxus, A Note regarding the genus, A. R. xix. 60, J. A. S. v.	671
Ursus sivalensis, a new fossil species from the Sivalik Hills, Note on the, A. R. xix.	193
Usbek Tartary, Memoir on, iii.	369
Usbek, Pilgrimage of, iii.	379
Vallabhi dynasty, Chinese note on the, v.	687
Value of life in the Bengal Civil Service, i.	277
Van Dieman's Land Tiger, Natural History of, iv.	572
Varnish, Chinese, Analysis of, i.	183
——— Burmese, Account of, i.	110
——— Tree, Observations on the Burmese and Munipoor, viii.	70
Varnishes proper for Iron, iii.	191
Vasantagurh, Literal Translation of Inscriptions from, x. 664,	819
Váyu Purána, i.	535
Veda, Literature and History of the, xvi.	812
Vedas, French grant for copying the, vi. 317,	704
——— The most ancient Grammar of the, xvii. p. i.	6
Vegetable Fossils, i.	98
——— Philology, i.	99
Vera Cruz, Observations on the Climate of, i.	73
Vermillion, Note on preparing Chinese, i.	151
Vertebrata, Progressive Development of the, ii.	465
Vespertilionidæ of Nipal, iv.	699
————— Notice of the predatory and sanguivorous habits of the Bats of the Genus Megaderma, with some Remarks on the blood-sucking propensities of other, xi...	255
VICARY, N. List of Specimens from Belwan, in December, 1834, iv.	571

VICARY, N. Note on the Scapes of Xanthorrhæa and Fossil Stems of Lapidodendra, viii.	Page	685
Vichitra Natak , or Beautiful Epitome, a fragment of the Sikh Granth, entitled the book of the Tenth Pontiff, Translation of the, xix. 521 ; xx. 314,		487
VIGNE, G. J. Some account of the valley of Kashmir, Ghazni, and Kabul, vi.		766
Vijayanagar , Translation of various Inscriptions found among the Ruins of, By E. C. Ravenshaw, Esq. With Preliminary Observations by H. H. Wilson, Esq., A. R. xx. ..		1
x Vishnu Purāna , Analysis of the, i.		431
— Purāna, Extracts from the, vi.		10
— Avatars of, xi.		1112
Viziri Country described, iii.		176
VOYSEY, H. W. Description of the native Manufacture of Steel in Southern India, i.		245
— Extracts from his private Journal, xiii. 853 ; xix. 190,		269
— Vocabulary of Goand and Cole Words, xiii...		19
— Reports on the Geology of Hyderabad, ii. 298,		392
Vulture , Nest of the Bengal, vi.		112
— bearded, of the Himalaya, iii. 522, iv.		454
Vulturidæ, Falconidæ and Strigidæ , Geographic distribution of the, viii.		321
WADE, C. M. Notes taken in 1829, relative to the Territory and Government of Iskardoh, from information given by Charagh Ali, an agent deputed to him in that year by Ahmad Shah the Gelpo or ruler of that Country, iv. ..		589
— Table shewing the breadth of the river Satlej and the rate of its current at different stages from Harrike Pattan to its junction with the Indus, at Mithankot, v. ..		814
— Journal of a Route from Dera Ghazi Khan through the Viziri Country to Kabul, iii.		175
— Note on the Hotsprings of Loh and Khad, vi. ..		153
Wadi Araba , Note on the Strata cut through in excavating for Coal in, xix.		139

	Page
WALKER, H. Notice of the Kiang, xvii. p. ii. ..	1
WALKER, W. Notes and Observations on a tour in H. H. the Nizam's Territories, x. 341, 386, 471, 509, ..	725
————— On the Natural Products about the Pundeelah River in H. H. the Nizam's Territory, x. ..	509
————— On the Geology, &c. &c. of Hunumkoondah, (H. H. the Nizam's Territory,) x. ..	471
————— Memoir on the Coal found at Kotah, &c. with a Note on the Anthracite of Duntimnapelly (H. H. the Nizam's Dominions,) x. ..	341
————— A. M. Report on Productions and Manufactures in the district of Hunumkoondah in the dominions of H. H. the Nizam of Hyderabad, x. ..	386
WALLICH, N. List of Indian Woods, ii. ..	167
————— Observations on the Burmese and Munipoor Varnish Tree, viii. ..	70
————— Discovery of the Genuine Tea plant in Upper Assam, iv. ..	42
WALTER, H. Translation of an Inscription in the Pali and Burma Languages on a stone slab from Ramávati (Ramree Island) in Arracan, iii. ..	209
WARLOW, W. Systematically arranged Catalogue of the Mammalia and Birds belonging to the Museum of the Asiatic Society, Calcutta, ii. ..	97
WARREN, J. Observations on the Golden Ore found in the eastern Provinces of Mysore, in the year 1802, iii. ..	463
Wars between Ava and China, vi. ..	121
Water, fresh, found at Sen, v. ..	239
————— Abdul Majid on the mode of finding out, i. ..	420
————— On the Specific Gravity of Sea, xiii. ..	766
————— mill, Native, ii. ..	359
Waters, Analyses of mineral, iv. ..	513
WATHEN, W. H. Memoir on the Usbek State of Kokan, properly called Khokend (the Ancient Ferghana), in Central Asia, iii. ..	369
————— Memoir on Chinese Tartary and Khoten, iv. ..	653
————— A Grammar of the Sindhi Langunge, vi. ..	347

WATHEN, W. H. Account of the Inscriptions upon two sets of Copper Plates, found in the Western part of Gujarat, iv.	477
————— Note of a Pilgrimage undertaken by an Ushek and his two sons from Khokend or Kokan in Tartary through Russia, &c. to Mecca, obtained in conversation with the parties, iii.	379
WATSON, T. C. Cherra Punji and a detail of some of the favourable circumstances which render it an advantageous site for the erection of an Iron and Steel Manufactory, on an extensive scale, iii...	25
Wax of China, Note on the Flata limbata, and the white, xii..	898
Weaving practised in Nepal, v.	219
Weights of Malacca, v.	261
Wells, &c. in Foundations as practised by the natives of the Northern Doab, On the use of, viii.	327
————— deep, Temperature of, iv.	229
————— section of, at Chandpur, vi.	52
WELLSTED, J. R. Report on the Island of Socotra, iv.	138
————— Account of some Inscriptions in the Abyssinian character found at Hassan Ghorab near Aden, on the Arabian coast, iii.	545
WESTMACOTT, G .E. Description of ancient Temples and Ruins at Chardwar, in Assam, iv...	185
————— A short account of Khyrpoor and the Fortress of Bukur in North Sind, ix. 1090,	1187
————— Roree in Khyrpore, its Population and Manufactures, x.	479
————— Some Account of a Sect of Hindu Schismatics in Western India, calling themselves Ramsanehi or Friends of God, iv.	65
Wet bulb Thermometer, Researches on the, v. 396,	828
WHEWELL, W. On Semimenstrual Tidal Inequality, iv.	517
WILFORD, F. An Essay on the Comparative Geography of India, xx.	227
WILKINSON, L. On the use of the Siddhantas in the work of Native Education, iii.	504
————— Translation of an Inscription on a Tambrapatra found in the village of Piplianagar, vii.	736

WILKINSON, L. Translation of a Tambrā Patra which was found in a field of the village of Piplianagar, in the Shujalpur Parganah, v.	Page	377
— — — — Discovery of the Rekha Ganita, a translation of the Elements of Euclid into Sanskrit, by Samrāṭ Jagannātha, under the orders of Rājā Siwai Jaya Sinha of Jaipur, vi.	938	
WILLARD 's Treatise on the Music of Hindustan, iii.	247	
WILSON, H. H. Translation of various Inscriptions found among the Ruins of Vijayanagar with Preliminary Observations, A. R. xx.	1	
— — — — Analysis of the Kahgyur, i.	375	
— — — — Analysis of the Agni Purāṇa, i.	81	
— — — — Analysis of the Brahma Vaivarta Purāṇa, i.	217	
— — — — Analysis of the Vishṇu Purāṇa, i.	431	
— — — — Analysis of the Vayu Purāṇa, i.	535	
— — — — Remarks on a Translation of a Tibetan Fragment by Mr. Csoma de Körös, i.	269	
— — — — Abstract of the Contents of the Dulva or first portion of the Kahgyur from the Analysis of Mr. Alexander Csoma de Körös, i.	1	
— — — — J. Address read before the Bombay Branch of the Royal Asiatic Society on the 27th January, 1836, v...	304	
Winds and Storms in Tibet, Answers to Mr. Piddington's Queries about, xix.	457	
WISE, T. A. Ice Manufacture at Hugli, i.	74	
— — — — An Experimental Inquiry into the Means employed by the Natives of Bengal for making Ice, ii.	80	
WOOD, B. Extracts from a Report of a Journey into the Naga hills, in 1844, in a letter to Capt. A. Stuart, xiii.	771	
— — — — Report on the River Indus, x.	518	
Woodpecker, Three species of, vi.	104	
— — — — of Malaya, vi.	952	
Woods, Catalogues of Indian, ii.	167	
Wool, Quality of Nepalese, v.	368	
— — — — of the Bactrian or two-humped Camels (<i>Camelus bactrianus,</i>) xi.	1182	
— — — — and woollen Manufactures of Khorassan, ix.	327	

Wreck of the Transport Indian Oak on the Loochoo islands,					
Narrative of facts attending the, ix.	..	Page	916		
WROUGHTON, R. Restoration and Translation of the Inscript.					
tion on the large Arracan Bell now at Nadrohigat, vii.	..		287		
— Account and drawing of two Burmese Bells					
now placed in a Hindu temple in Upper India, vi.	..		1064		
— Statistical, Agricultural and Revenue Return					
of the Muthra District, made up to 1st October, 1835, v.	..		216		
Xanthorrhœa scapes and Fossil Stems of Lapedodendra, Note					
on the, viii.	..	..	..	..	685
Yak, Bos grunniens , ii.	..	..	..	..	342
YATES, W. Essay on Sanscrit Alliteration, A. R. xx.	..				135
— Review of the Naishadha Charita or Adventures of Nala					
Raja of Naishadha, a Sanscrit poem by Shri Harsha of Cash-					
mir, with a commentary by Prema Chandra, A. R. xx.	..		318		
Yatnika system, v.	..	..	..	..	81
Fezd to Herat, Itinerary from, xiii.	..	..	..	..	827
YOUNG, C. B. Rustic Bridge, ii.	..	..	..	..	267
— Remarks on the subject of Latterite found near					
Rangoon, xxii.	..	..	..	..	196
Yuesh of the Chinese, vi.	..	..	..	..	265
YULE, H. Notes on the Kasia Hills and People, xiii.	..				612
— Notes on the Iron of the Kasia Hills, xi.	..				853
— A Canal Act of the Emperor Akbar, with some Notes					
and Remarks on the history of the Western Jumna Canals,					
xv.	..	..	..	..	213
Yunxinæ , the Subgenera of, vi.	..	..	..	..	107
Yusafzais , Tribes of the, v.	..	..	..	..	481
Zafarnámah , a Dialogue between Aristotle and Buzurjmíhr,					
translated from the Persian, xx.	..	..	..	..	426
Zimmay , Account of the province of, vi.	..	..	..	..	1005
Zoology of Nepal , Synopsis of the Fossil, iv.	..				706
— of Nepal, Proposals to publish a serial work on the, iv.	..				356
— of the Himalayas, vi.	..	..	..	..	927
— of Candahar and the neighbouring districts, Rough					
notes on the, xv.	..	..	..	..	135
— of Nepal, A Catalogue of the, iv.	..				521

APPENDIX A.

*Index to the Numismatic Papers, Notices and Plates, that have appeared in the Journal of the Asiatic Society, from its commencement in 1832, to the present time, compiled by G. H. FREELING, Esq.
B. C. S.*

I.

List of Papers on Numismatics in the Journal with the Names of their Authors.

	Year.	Vol. of Journal	Page
On the Roman Coins in the Cabinet of the Society, by J. Prinsep.	4 plates. 1832	i.	392
On the Greek Coins in the Cabinet of the Society, by J. Prinsep.	2 plates. 1833	ii.	27
Lt. Burnes' Collection of ancient Coins, by J. Prinsep.	1 plate. —	—	310
Bactrian and Indo-Scythic Coins, by J. Prinsep.	1 plate. —	—	405
Ancient Coins found at Beghram, by C. Masson.	6 plates. 1834	iii.	153
Coins from Behat, (Hindoo), by J. Prinsep, found by Capt. Cautley.	1 plate. —	—	227
Coins and Relics discovered by M. B. Chevalier Ventura in the Tope of Manikyala, by J. Prinsep.	2 plates. —	—	313
Note on two Coins of Behat type with Greek inscriptions, by Major L. R. Stacy.	.. —	—	431
Continuation of Remarks on Gen. Ventura's Coins and Relics, by J. Prinsep.	2 plates. —	—	436
Information about the Manikyala Topes, by Mons. A. Court.	.. —	—	556
Note on Coins discovered by Mons. Court, by J. Prinsep.	2 plates. —	—	562
Bactrian and Indo-Scythic Coins, by J. Prinsep.	8 plates. 1835	iv.	327

		Year.	Vol. of Journal.	Page
On the Connexion of various ancient Hindoo Coins with the Grecian or Indo-Scythic Series, by J. Prinsep.	5 plates.	1835	iv.	621
Ditto continued.	4 plates.	—	—	668
Ancient Coins from Beghram, by C. Masson.	3 plates.	1836	v.	1
Note on the above, by J. Avdall.	..	—	—	266
3rd Memoir on Beghram Coins, by C. Masson.	—	—	—	537
New Varieties of Bactrian Coins, by J. Prinsep.	1 plate.	—	—	548
New Varieties of Mithraic or Indo-Scythic Series of Coins and their Imitations, by J. Prinsep.	3 plates.	—	—	639
The Antiquities of Bamian, by C. Masson. ..	—	—	—	707
New Types of Bactrian and Indo-Scythic Coins, by J. Prinsep.	1 plate.	—	—	720
Indo-Scythic Legends of Bactrian Coins explained through the Celtic, by J. Swiney. ..	1837	vi.	99	
Hindoo Coins descended from Parthian type and the ancient Coins of Ceylon, by J. Prinsep.	3 plates.	—	—	288
Legends of Saurashtra group of coins deciphered, by J. Prinsep,	1 plate.	—	—	577
Specimens of Buddhist Inscriptions with Symbols, from West of India, by Col. W. H. Sykes.	1 plate.	—	—	1038
Examination of Girnar Inscriptions, (including the Coins of Saurashtra,) by J. Prinsep.	4 plates.	1838	vii.	334
Rupography or method of printing coins in facsimile, by J. Prinsep. 1 plate and 3 specimens.	—	—	—	414
Additional Bactrian Coins and discovery of the Bactrian Alphabet, by J. Prinsep. 2 plates.	Part 2	—	—	636
Coins and Relics from Bactria. 1 plate.	—	—	—	1047
Hindoo Coins from Jyonpur and Oojein.	2 plates.	—	—	1052

	Year.	Vol. of Journal.	Page
Coin found at Bamian, by Capt. Hay, and Note on them by H. Torrens, (identifying Mayus and Demetrius as the same king). ..	1840	ix.	68
Discovery of Gems in Kandahar by Lt. Conolly, by H. Torrens. 3 plates.	—	—	97
Note on Capt. Hay's Bactrian Coins, by A. Cunningham. 4 plates.	—	—	531
Notice of some counterfeit Bactrian Coins, by Capt. Cunningham. ..	—	—	393
Appendix to above. ..	—	—	543
Lassen's History of Greek and Indo-Scythian kings of Bactria, Cabul, and India, as illus- trated by their Coins, translated by Dr. Roer.	—	—	251
Ditto continued. ..	—	—	339
Ditto continued. ..	—	—	449
Ditto continued. ..	Part 2	—	627
Ditto continued. ..	—	—	733
Description of, and Deductions from, some new Bactrian Coins, by A. Cunningham. ..	—	—	867
Note to the above. ..	—	—	1008
Mode of taking casts of Coins, &c., in sulphur.	—	—	938
Forged Bactrian and new Scythic Coins, by A. Cunningham. 1 plate.	—	—	1217
Description of some ancient Gems and Seals from Bactria and India, by A. Cunningham. 1 plate.	1841	x.	147
Mode of taking Facsimiles of Coins, by V. Tre- gear. ..	—	—	158
Comparative Statistics of circulating media, under the Bactrian and Indo-Scythic kings, Nu. Soc. London. ..	—	—	345
On Electrotyping Coins, by C. Huffnagle. 1 plate.	—	—	478
Second Notice of some new Bactrian Coins, by A. Cunningham. 1 plate.	1842	xi.	130
Remarks on a Boodhist Medal from Tenasserim, by Capt. T. Latter. 1 plate.	Part 2	xiii.	571

		Year.	Vol. of Journal.	Page
Unpublished Coins of the Indo-Scythians, by A. Cunningham.	1 plate.	1845	xiv.	430
Coins of the Independant Muhammedan Sov- reigns of Bengal, by J. W. Laidlay.	2 plates.	1846	xv.	323
On taking Electrotypes of Coins, by J. W. Laid- lay.	..	¹⁸⁴⁹ Part 2	xviii.	976
Translation of some uncertain Greek Legends on Coins of the Indo-Scythian Princes of Cabul, by H. Torrens.	..	1851	xx.	137
Remarks on some gold Roman Coins, discovered near Cannanore, by Capt. Drury.	..	—	—	371
On Sassanian Coins with Hindoo legends, and proposed reading of 2 Sassanian Coins, by E. Thomas.	1 woodcut.	—	—	525
Account of 8 Cufic silver Coins, by E. Thomas.	1 plate.	—	—	537
Col. Stacy's Ghazni Coins, by E. Thomas.	1 plate.	1852	xxi.	115
Memo. on some gold Gupta Coins, found near Benares, by M. Kittoe.	1 plate.	—	—	390
Note on ancient Coins found at Mohammad- pur, in Jessore, by Rájendralál Mittra.	..	—	—	401
On the Ballads and Legends of the Punjab, by J. Abbott.	..	1854	xxiii.	59
Ditto continued.	1 plate.	—	—	123
Coins of Indian Buddhist Satraps, with Greek Inscriptions, by A. Cunningham.	1 plate.	—	—	679

II.

*Extracts from the Monthly Proceedings of the Asiatic Society,
giving useful information on the subject of Coins.*

	Year.	Month.
The Locality of the Roman Coins found in India and deposited in the Society's Cabinet,.....	1832	Oct.
Description of 2 Ceylon Coins,	1833	Jan.
List of Roman Coins found in Upper India,	—	July.
Catalogue of Genl. Ventura's Bactrian Coins,.....	1834	Nov.

	Year.	Month.
List of Coins in the Society's Cabinet, with their value, Descriptions and woodcuts of 2 Coins of Pakores with other notices of Bactrian Coins, by Col. Stacy,	1837	Feb.
On the connexion between Artemis and Nana, by Dr. W. E. Carte,.....	1839	April.
The name of a new Cashmere Rajah read on his Coins (Sri Foramâ),	1840	Jan.
List of Bengal Mahomedan Coins found at Howrah,	1841	May.
List of Roman copper Coins, also of Rajahs of Cash- mere and Mussulman Delhi Pathans, Coins presented the Society, and silver Muhammedan Pathans and Moguls purchased of Lt. Cunningham, with prices,	—	—
List of English Coins purchased of Lt. Cunningham, with prices,	—	June.
List of Roman Coins in the Society's Cabinet,	1842	July.
List of Norwegian and Danish Coins presented the Society,.....	1843	Feb.
Description of 2 Gold Coins found in Arracan,	—	June.
Description of 10 Gold Coins (Hindoo) found at Hewli in the Southern Konkan,.....	—	Aug.
Description of 8 Gold Indo-Scythic Coins found at Monghir,	1845	Jan.
Description of some Coins of Sekandar ibn Behlol Shah of Delhi,	1848	May.
List of some silver and copper Bengal Muhammedan Coins found at Gaur,	1850	May.
Description of a hemi-drachma of Dyonisius,.....	1852	April.
Information of an Indian Coin of Sapor and a new gold Kanerki, &c.	1853	Oct.
	1855	April.

III.

*Brief Descriptions of the contents of the Numismatic Plates
in the Journal.*

Vol. No. of Plate.

- | | | |
|----|-------|---|
| 1. | VII. | Roman Coins of the Empire, gold, silver and copper. |
| | VIII. | Ditto copper, chiefly of AEgyptian type. |
| | IX. | Ditto ditto. |

Vol. No. of Plate.

- X. Ditto of the Eastern Empire.
- 2. I. Greek Coins with 2 Arsakian, silver.
- II. 6 Silver Arsakian, 4 Sassanian, 1 Khalif, 2 Indo-Scythic and 2 Bactrian (King of Kings.)
- XI. Miscellaneous Coins of Antiochus, Bactrian (Euthydemus) Sassanian, Indo-Sythic, &c.
- XIV. Bactrian (hemi-drachmas of Apollodotus and Menander,) and Hindoo Coins including a Silver bull and horseman and 2 Guptas.
- 3. VIII. Menander, Apollodotus, Eucratides.
- IX. Antilakides, Lycias, Agathocles, Pantalion, Hermæus
- X. Hermæus, King of Kings, Undopherres.
- XI. Miscellaneous Bactrians.
- XII. Indo-Scythic, Kanerkos and Kadphises.
- XIII. Ditto barbarous and 1 gold Kadphises.
- XVII. Hindoo Coins of Behat type and Guptas.
- XXI. Sassanian Coins, one gold Oorki Indo-Scythic, and a later Hindoo found at Manikyala.
- XXII. Relics and Indo-Scythic Coins, also found there.
- XXV. Behat Group, one Sassanian with Sanscrit legend and copper Indo-Scythic of Kanerkos, &c.
- XXVI. A silver Kadphises, a rude gold Oorki, and copper Hindoo and Indo-Scythic.
- XXXIV. Gold and copper Indo-Scythic, and silver Roman, Coins found at Manikyala.
- 4. XIX. Pehlevi Alphabets compared.
- XX. Legends in Greek and Pehlevi on Bactrian Coins.
- XXI. Philoxenus, Antimachus, Nonus and Miscellaneous.
- XXII. Azes Coins.
- XXIII. Azes and Azilizes.
- XXIV. Hermæus, Undopherres, Kadphises.
- XXV. Euthydemus, Demetrius, Agathocles, Eucratides.
- XXVI. Menander, Apollodotus, Antilakides, Lysias.
- XXXIV. Behat type and other Boodhist Coins.
- XXXV. Earliest punched silver, and many types of copper, Boodhist.

- Vol. No. of Plate.
- XXXVI. Bull and horseman series, silver and copper.
 - XXXVII. Ditto with their Muhammedan imitations.
 - XXXVIII. Indo-Scythic Coins (gold) to shew their connexion with the Gupta Series.
 - XXXIX. The Gupta Series.
 - XLIX. Saurashtra or Sah Series—Silver Guptas (peacock reverse) Gaddhia Pysa, and Hindoo.
 - L. Later Canouj series, Varaha Coins, Indo-Sassanian, and 1 Ceylon.
 - LI. Indo-Scythic, Kanerkos Group.
 - 5. II. Euthydemus, Apollodotus, Menander, Antimachus Diomede, Ermæus, Spalygis, &c.
 - III. Later and rude Bactrians, 5 gold Indo-Scythic, and 4 Sassanians.
 - IV. Monograms from Bactrian and Indo-Scythic Coins.
 - XXXV. Miscellaneous Bactrians, including Archelius, Antilakides, Spalyrius, Kadphises, Agathocles, &c.
 - XXXVI. Gold Indo-Scythic Coins, and of the Gupta series.
 - XXXVIII. Gold Guptas and copper Coius of Chandra Gupta, also the Second Series of imitations from the Ardokro type.
 - XXXIX. Second Series of imitations continued, the 4th Series also, and copper Coins of the Hindoo Rajahs of Cashmere, long' called the "third Series of imitations from the Ardokro type:" 2 later Canouj Coins are added.
 - XLVI. Bactrian Coins of Amyntas, Agathocles, Euthydemus, Menander, Eueratides and Kodos, also 2 Copper of Indo-Scythic type.
 - 6. XIV. Indo-Sassanian Coins.
 - XV. Hindoo Coins (arranged to prove their descent from the Sassanian.)
 - XX. Ceylon Coins.
 - XXIV. Legends on Saurashtran Coins.
 - 7. XIII. Modifications of the Sanscrit Alphabet from 543 B. C. to 1200, A. D. (consonants.)
 - XIV. Ditto (vowels.)

Vol. No. of Plate.

7. XII. Saurashtra Coins.
 XX. Sanscrit Numerals.
 XXII. Sanscrit and Pehlevi Legends of Indo-Sassanian
 Coins.
 XXVII. Double-headed Eucratides tetradrachma, and a new
 tetradrachma of the same king alone.
 XXVIII. Coins of Antilakides, Menander, Lysias, Euthydemus,
 Demetrius, Heliocles, Philoxenes, Gondopherres,
 Abagases, &c.
 XXXII. Indo-Bactrian Coins (Behat type) and Boodhist
 Satrap Coins.
 LX. Ancient Hindoo Coins.
 LXI. Coins (Boodhist) from Oojein.
 9. I. Kandahar Pehlevi Gems.
 I. II. III. } Miscellaneous Bactrian Coins, so badly engraved as
 IV. } to be hardly distinguishable.
 N. N. Forgeries of Euthydemus, Eucratides, Menander,
 Amyntas and 2 Gold Indo-Scythic.
 10. N. N. Ancient Gems and Seals.
 11. N. N. Coins of Demetrius, Mauas, Hippostraltus, Strato,
 Telephus, Arsaces Pakores, &c.
 14. II. Indo-Scythic Coins.
 15. V. Bengal Muhammedan Coins from Ilyas Shah to
 Mahmood Shah.
 VI. Ditto from Barbik Shah to Mahmood son of
 Husein Shah.
 20. XI. 8 Cufic Coins procured at Peshawur, by Sir H.
 Elliot.
 21. X. Col. Stacy's Ghazni Coins.
 XII. Gold Gupta Coins found in Benares, and 3 Coins,
 2 silver, seemingly the same series, found in
 Jessore.
 23. IV. Copper Indo-Scythic Coins and some of the Raj-
 poot bull and horseman Series.
 XXXV. Coins of Buddhist Satraps, and one of Strato.
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APPENDIX B.

List of Ancient Inscriptions published in the Volumes of the Journal of the Asiatic Society of Bengal, from January, 1834, to March, 1841, compiled by Lt.-Col. W. H. SYKES, F. R. S. (Journal R. A. S. Vol. vi. pp. 460—482) Brought up to the end of 1854, by Bâbu RAJENDRALAL MITTRA.

Volume.	Page.	Location of Inscription.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
3	263	Allahabad Column. 339	Sanskrit, but not pure.	About A.D. 800,	Deva Nagri, in Siva, Brahma, Varu-	Ganesa, Gupta, father of This inscription of a Sudra family is engraved upon a pillar which had been previously raised in honour of Buddhism, and bore a Buddhist inscription upon it. Dr. Mill, the translator, in consequence of numerous lacunæ, was obliged to supply the sense occasionally. The character is that of the Deva Nagari in transitiu, and approaches that of the Gaya inscription, which is known to be of the eleventh century.		
6	970				Rudra, Balarama, and son of Kumanara Devi, who is the father of Dharmas, Nareda, the King of Arjuna, Pandu, Bhisima, Ganga.	No mention of Tantras.		A fallen king, Samudra Gupta, by means of his able minister, Giri Kahla Raka, restores the fortunes of his house : but it is only his father, Chandra Gupta, and himself, who actually attain royalty. Mr. Mill says that Brahmins have that honour as spiritual superiors, which we find assigned to them in the Ramayana and Mahabharata—not that excessive superiority and extravagant homage which in subsequent ages they claimed from princes ; the Brahman here contributes to the honour of the king, not as in some later inscriptions, the king to the honour of the Brahmins.

Many letters, eight consonants and three vowels, are wanting of the modern Deva Nagari, and similarly in Tabetan.

Volume. Page.	Location of Inscription.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
3 342	Ougein.....	Jain inscription. Pali?	A.D. 371, but if Old the Jain era of Mahavira be in- tended, the date is B. C. 106.	character, Not mentioned.	Chandragupta.	This is an inscription mentioned by Col. Todd, but not published: it was obtained from Jain authorities. The character required a key, but was known to the Jain hierarchs. King Chandragupta reigning at Ougein is unexpected.—T. R. A. S., vol. i., pp. 140 and 211.	The Mahabharata is alluded to; Nepal and Assam mentioned; and Dhananjaya was ruler of the north country.
3 482	Mathiah, near Bettiah.	Pali	315. B. C.....	Old Pali	Buddhist	Piadasi, or Asoko	These are notices, by Mr. Hodgson of Nepal, of three tall pillars, or columns, in North Behar, two of the pillars surmounted by a lion, and each having an inscription upon the shaft, which was unintelligible at the time Mr. Hodgson wrote, 24th April, 1834. The Bettiah inscription is precisely the same as that of Delhi and Allahabad, No. 1.
4 125	2. Balra. 3. Radiah.						Very numerous inscriptions are upon the base of a prodigious chai- tya, or relic temple, of an <i>hemispher-ic</i> form, built without cement, whose circumference is 554 feet,
3 488 6 459	Sanchi, Bhilsa Bhopal.	near Pali	B.C. 40? but the Between Allah- bad No. 2, or Kanouj Negari not be of the era of Vicramadi and Delhi Lat, or Old Pali.	Buddhist	Chandragupta in Pali; Chandra- gupta in San- skrit.		

			and, fallen as it is, its height is still 112 feet. There are three gateways, each 40 feet high. Capt. Fell thinks the date to be Samvat, 18, or B.C. The splendid bas-reliefs represent the dedication of a chaitya. The Emperor Chandragutta buys land for the Buddhist temple, and pays for it in <i>dinars</i> ; and killing a Brahman is not so great a crime by <i>five-fold</i> as the taking away the land from the temple. It is to be observed of the figures making offerings to the chaitya that their appearance is exactly that of most modern Hindus; dressed in a dhotie round the loins and thighs, and naked from the waist upward, with a <i>turban</i> upon the head.
3 494	Iron Pillar at Delhi.	Sanskrit	Prince Dhava, an usurper, at Hastinapur, but no invocation of names of gods.
7 629		No date, but Many letters earlier agree with the Kanouj Nagari, than A.D. 800, the character looking more aspect is more modern than Kanouj Nagari.	Buddhist The invocation Vijara. Dr. Stevenson says to the Triad; no doubt meaning Buddha, Dharma, Sangha.
3 499	Karli, Poona.	Pali Numerous inscriptions in the caves.	Buddhist, by Dr. Wilson, but if Lat. The Saivahana era be intended, then A.D. 176, Dr. Stevenson.

Volume Page.	Location of Inscription.	Language of Inscriptions.	Character used in Inscriptions.	Religion : or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
4 135	On images of Buddha from the temple of Sarnath, at Benares, and on an image from Bakhra, in Tirhut.	Sanskrit, but not pure.	After A.D. 800, and that of Sarnath, probably of the eleventh century.	Buddhist. modern Kanouj Nagari; ap- proaching the modern character.	Ta. None	These inscriptions upon images of Buddha, although in a comparatively modern form of the Deva Nagari, the Brahmins of Benares could not read. They contain the quaint compendium of Buddhist doctrines, commencing with Ye dharmá hétu prabhává, &c.; but the Sanskrit text of the moral maxim has not been found in the Tibetan Prajna Paramita. These are the first Buddhist inscriptions in Sanskrit met with, and they are most remarkable, showing, at their late date, that Sanskrit was still imperfect ! The mounds and remains near Bakhra testify to a former Buddhist city. From copper-plate inscriptions found near Sarnath it is conjectured the Buddhist temple was erected by the sons of Bhupala, a raja of Gaur, in the eleventh century. The image and inscription would probably be of the same date ; and the character of the inscription corresponds to that date.
181 211 713						The inscription is imperfect, but Dr. Mill says that the ever-living Chandradatta was born on the Sunday appropriated to the reading of the Sukta by his father Suryadatta. The Sukta has for one of its verses the holy " gayatri. "
4 128 286	Kesariah mound, 20 miles north of Bakhra, in sight of the Gandak River.	Sanskrit . . .	About the date Same as Sarnath Brahmical. of the Bakhra and Bakhra character.	The Avatars. The Sukta hymn of the Rig Veda mentioned, but no invocation or Hindu Gods named.	Chandradatta, son of Suryadatta.	

4 367 The mountain Grammatical temple of Harsha of Shekavati. Sanskrit, but finished A.D. 973. with some unusual terms, and some inexplicable words.

Erected A.D. 961. More than that of the Puranas. Siva, Chauhan family, Linga (Siva), and Dr. Mill says "the character furnishes a definite standard from which the ages of other monuments, of similar or more remotely resembling characters, may be inferred with tolerable accuracy." The temple was built to commemorate the destruction of the Asura, or demon Tripura, who had expelled Indra and the gods from heaven; and, on the mountain, whence the name Harsha (Joy).

Yaties are called immortal. Immortal. Kama, Nandi. The Nagas, Rama. Balarama. Vishnu, Krishna. Sambhu.

A.D. 800. Chan- dra Raja, his son, A.D. 830. Guraka, his son, A.D. 860. Chan- dra, his son, A. D. 890. Vakpa-ta, his son, A.D. 920. Sinha Ra-kavatis, A.D. 961. Vigraha Raja of the So- lilar race, not re-lated to Sinha Raja, and pro-bably of Ka-nouj.

Mythology of the Gavaka, of the Puranas. Siva, The Pramathes, Munies, and Yaties are called immortal. Kama, Nandi. The Nagas, Rama. Balarama. Vishnu, Krishna. Sambhu. India is called Bhāratā in the inscrip-tions. Siva is identified with his phallic emblem, and he is, also, called the eight-formed one. The sandal-wood of Malabar mentioned. The revenues of numerous villages are given for the support of the temple. It is singular that Gana-pati, the son of Siva, is not men-tioned : seeming to indicate that his worship was not yet established. These are grants of land to Brahman priests. Mr. Wathen, like Mr. Prinsep, refers the Modern Deva Nagari, through various changes,

4 481 Balabhi, in Gu-jarāt. Not men-tion-ed. Cop. per plates.

Resembles Wilkins' inscriptions of eleventh century, Dr. No invocation to the gods. Ma-hesvara, Menu, Dhurna Raja, Generals. Bhaturka. Dhara Sena.

Volume.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	REMARKS.
Page.					
5	341	Stone slab in Sanskrit, and A.D. 1333.	no mention of the fort of Chunär, near Benares.	Modern	Deva Opens with a salutation to Ganesa, very slightly altered
,	339	Copperplates much defaced.	A.D. 559?	Siladitya Musala.	Nagari, very slightly altered
,	340	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 3rd. Dhruva Sena 2nd. Chargrigha 2nd. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	which he shows in inscriptions of different ages, to the old Pali, Lât, or Column character. The era used in the inscription is the Valabhi era, corresponding to the 375th of Vi-kramaditya, or A.D. 319. Balabhi, or Balhara, is represented to have been destroyed under Siladitya 3rd, A.D. 524, by a Bactro-Indian army; it is supposed to be the Byzantium of Ptolemy. In the first inscription, Dhruva Sena is a follower of Bhagavata, and Dharmapattan of the sun; all the rest worship Siva. The Brahmins are not spoken of with any respect or veneration, as the grants simply say, I give to such and such a Brahman. Very considerable doubt exists with respect to the accuracy of the date of the inscription. The character corresponds to that of the eighth century. When Huan thang was at Balabhi in the seventh century, there were 100 Buddhist monasteries, and 6000 Buddhist priests; and the king, although a Kshatriya, was a Buddhist. The inscription records the attacks on the fort of Chunär by Mahomed Shah Emperor of Delhi, defended by Svami, a Raja of Benares, who, together with his progenitors, are unknown in history. The inscription is valuable, as showing
,	342	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	343	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	344	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	345	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	346	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	347	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	348	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered
,	349	Sindhapura. Copperplates	A.D. 328?	Sridhara Sena 1st. Dhruva Sena 1st. Chargrigha 1st. Sridhara Sena 2nd. Dhruva Sena 2nd. Chargrigha 1st. Sridhara Sena 3rd. Siladitya 2nd. Two Princes. Chargrigha 2nd. Siladitya 3rd. Siladitya Musala.	Deva Opens with a salutation to Ganesa, very slightly altered

<p>5 348 Caves at Ad- Pali? ... junta.</p> <p style="text-align: right;">556</p>	<p>One resembling Balbhi, and one in the Seoni parallelogram - headed character, which is of the eleventh and twelfth centuries.</p>	<p>None; but the Buddhist sculptures and paintings in the Buddhist caves at Adjunta, and is of interest from the character resembling that of Watthen's Balbhi inscription, which with others show the gradations of the character upwards into antiquity. The caves are remarkable for their paintings as well as sculpture. Capt. Gresley says amongst the paintings there are three Chinese figures!</p>	<p>The first is one of the numerous inscriptions in the Buddhist caves at</p>	<p>the State of the Deva Nagari in the fourteenth century. The invocation to Ganapati shows that his worship was now established, which probably was not the case at the time of the Harsha inscription.</p>
<p>5 377 Piplianagar in Sanskrit ... Bhopal, on copper-plates.</p>	<p>A.D. 1210 ...</p>	<p>Deva Nagari, little altered.</p>	<p>Instead of the Raja Bhoja Deva, usual Hindu invocation, it is to Naravarma. Virtue. The Yashovarma, snake Shesha 1137, A.D. Parasurama, Ra-Ajayavarma, Sita, Yu-1143, A.D. dhishthira, Bbi-Vindhayavarma. Son, Amusiyadra, Saraswati, Varma. Subistavarma. Son, Arjuna, living.</p>	<p>This inscription was communicated by Mr. L. Wilkinson. It gives away the revenues of a village to a Brahman family by the young Raja Arjuna. It is remarkable for the frequent reference to the heroes of the poems, and the absence of the usual reverential notices of the now popular Hindu gods. Fire-arms in the thirteenth century could not have been used, for the successes in war of the princes are owing to flights of arrows. Subhatavarna appears to have destroyed Patan in Gujarat. The term Pergannah being used, the Mahomedans must have previously arranged the districts. The capital of the Princes was Mandu, or Oriein.</p>
<p>5 482 Asirgarh, a fort in Kandesh, not quite</p>	<p>Sankrit, but Tenth or eleventh century, by the</p>	<p>Dev Nagari, resembling the invocation,</p>	<p>The great Kings</p>	<p>Mention is made that the Rajas Aditya Varma and Isvara Varma were</p>

Page. Volume.	Location of Inscription	Language of Inscriptions.	Character used in Inscriptions.	Religion : or Divinities or Sages mentioned,	Kings or Princes mentioned.	REMARKS.
5 347	Barahat Gopeshvara in Garhwal, up-	Semi - barba- rous Sanskrit.	character.	any mention of gods, but only Son, Aditya Var- muni; but there is a bull on the Do. Isvara Var- seal, and two men, one with a Do. Sinha Varma, sceptre and axe, Do. Kharva Var- ma, who is call- ed King of Kandesh.	married to the eldest daughters of the <i>Gupta</i> race, which may be that of the Allahabad inscriptions and Kanouj coins. If so, the Deva Nagar of the inscription would con- firm the belief of the Guptas being of the ninth and tenth centuries. The Rajas were probably Princes of Kandesh.	
485	The oldest in- scriptions ap- proaching Alla- habad No. 2.	No Religious in- vocation beyond Srastti Sri, and two bronze tridents, re- spectively	Names not made out in the old inscription; but in the recent Indo-Scythic coins, with the axe attached to the shaft: the oldest inscriptions—which, however, from the form of the Deva Nagar, cannot be before the seventh century—are cut in relief upon the shaft, and make no mention of Mahadeva or Hindu- ism; but the more recent are cut into the trident, which must have been taken down to admit of the incision. In one of these is the Aum and the name of Mahadeva, which had no association originally with the tridents. These facts strengthen the inference that the trident on the coins has nothing to do with Hinduism.	Hari Varma. Do. Isvara Var- ma, and two men, one with a Do. Sinha Varma, sceptre and axe, Do. Kharva Var- ma, the other ma, who is call- ed King of Kandesh.	Sir Wilmot Horton says, there are thousands of these inscriptions in Ceylon, and they exhibit the Deva Nagar in all its transitions. The	
5 554	From 104 B.C. to twelfth century.	Pali and other places in Cey- lon: name-	From the Lât to Buddhist the modern Ta- mul character.	Not stated		

	rous rock inscriptions.		inscriptions would appear to be much defaced, and little is yet made of them.
5 556	Ajunta caves Pali in Kandesh : several inscriptions.	Before the eighth century, A.D.	Buddhist ; one of the inscriptions between the Lât and Allahabad No. 2.
5 660	Nagarjuna cave, Buddha Gaya ; numerous inscriptions.	Sanskrit ; but Samvat 73 or 74 requiring the aid of a Pali scholar to translate it.	Buddhist ; one of the inscriptions commencing with the formula, " Ye dharma."
5 657	Nagarjuna, at Sankskrit Gaya.	Eleventh century?	Gaur Buddhist

These inscriptions appear to be of different ages, from variations in the character ; but owing to mutilations, Mr. Prinsep has done little with them. One of them is in the Seoni parallelogram-headed characters. It is very curious, that the figures of CHINESE are represented in the fresco paintings in the caves. The paintings are admirable for their spirit and variety of subjects.

This inscription is of considerable importance, as, by its era of 73, it confirms Mr. Colebrooke's correction by a thousand years of Dr. Wilkins's date of the Gaya inscription translated by the latter. It is of great importance, also, as it distinctly shows the Buddhist impression in those days of what Nibutti or Nirvana meant, namely—as expressed in the inscription—"the absorption of his (the writer's) soul in the Supreme Being," disposing of the question of Buddhist atheism. The inscription shows that the Buddhists had still a hold in India in the twelfth century. It was recorded by Sahasrapada, the treasurer of the Raja Dasaratha Kumāra. The Princes are not met with in Hindu history.

The cave called Nagarjuna, after a celebrated Buddhist patriarch, is said in the inscription to have been excavated by Ananta Varma.

Yagna Varma, and his grandson Ananta Varma.

Volume	Page.	Location of Inscriptions.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
6	6	On images of Buddha at Gaya.	Not stated	Not stated	Buddhist	Raja Vijayabhadra	By the inscriptions on the images, one of them was raised by the Raja Vijayabhadra, and the other by Jaga Sen and Kumara Sen, sons of Purnabhadrā, private persons. The Brahmins now call a figure of Buddha—of course a male—and with the Buddhist text “Ye dharma hetu,” &c., upon it, the Hindu goddess Saraswati.!	
5	661	On a stone at Buddha-Gaya.	Sanskrit	Samvat 1005, or Allahabad No. 2. A.D. 948.	Buddhist	Not stated	The inscription is said, by Dr. Williams, to purport that the temple of Buddha, at Buddha-Gaya, was built by Amara Deva, the author of the Amara Kosha; but it must mean restored, as it was seen before Amara Deva's time by Fa-hian.	
4	1	On a stone at Buddha-Gaya.	Burmese	A.D. 1305	Pali	Buddhist	The Burmese inscription says the King is mentioned.	
		Bhittari Lât, or Not pure Sanskrit, nor Pillar, Ghazi-pur.	Subsequent to Same as Allahabad No. 2; and, Dr. Kanouj Nagari, easily intelligible.	No. 2; Mill says, not with numerous earlier than mis-spellings.	Indra, Varuna, Yama, Krishna, His son, do, Siva, Sita, the Ghatotkacha, Tantras, Deva-Do., King of Charlemagne in Europe. A.D. 800, if the Gupatas be those of the Puranas.	The great King, the mother Kings, Chandra Gupta, of Krishna, Rudra; but loads Do., King of forest timber Kings, Samudra are collected for Gupta.	This inscription, like that of Allahabad, No. 2, is intruded on a Buddhist column, and is subsequent to it, as it carries on the Gupta family from Samudra to the boy Mahendra Chandra Gupta 2nd, and Kumaras Gupta followed Vishnu worship, but Skandana Gupta attached himself to the opposite doctrines, now so prevalent, of the mysterious and sanguiinary Tantras. Skandana Gupta	

mention of the sectarial wor- ship of the Bha- garata and Tan- tras makes the date compara- tively modern.	of sacrifices for dra Gupta 2nd. India, Varuna, Do., do, Cum- and Yama only ; ra Gupta. Do. Skanda Gup- ta. These ta. last, therefore, A minor, Mahendra Gupta ? may have had honour, but not sacrifice.	dra Gupta 2nd. was dispossessed of his kingdom, for a time, by a treacherous minister. This was the case when the Chinese traveller, Hiuan-theang reached Behar, in the seventh century, and he may refer to the event mentioned in the inscription ; but he calls the King by a name construed to be Siladityn, and no king of this name reigned in Behar ; nor nearer than in Gujarat. The Guptas, probably, succeeded the Buddhist Kings of Behar. The absence of the inser- tion of the Tantras in the Allahabad inscription, and their insertion here, would seem to indicate the period of the origin of this worship.
5 726	Stone slab in Not Sanskrit ; No date, but af- ter eleventh cen- tury, from the character.	Deva Nageri of Invocation to None mentioned. Krishna, as son of Vasu Dev'. Narayana, as Lord of Lords and Creator. Vedas. Vishnu.
5 727	Segonj, in the Nurbuddha or Nermada dis- trict, on five copper-plates.	Allahabad No. 2. with an open pa- rallelogram at the head of each letter.

Volume	Page	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Date.	Religion; or Deities or Sage mentioned.	Kings or Princes mentioned.	REMARKS.
5	731	Slab in the Museum of the Asiatic Society of Bengal.	Sunserit, but scarcely intelligible.	Samvat 1093, or A.D. 1035.	Deva Nugari, of Sarnath inscriptions.	Not mentioned.	The great King Yaso Palu.	Yaso Palu, as King of Delhi, issues orders to his officers, but for what purpose is not made out.
5	340	On a slab at Wara, in the Konkun, Bombay.	Not mentioned.	None	Saurashtra coins, and long-tailed Deva Nagari.	No gods mentioned, but there is a trisula on the slab.	None	The inscription is a fragment, and cannot be fully translated ; but Mr. Prinsep says it may be as old as the Gujarat coins with Greek heads upon them. The tribal, without the mention of Hindu gods, would seem to indicate that it is not necessarily an exclusive emblem of Siva.
6	88	Slab in the Grammatical Museum of Sanskrit, with the Asiatic double meanings.	Sambat 32 of the Gaur, or Harsha Gaur era. A.D. 1174?	Deva, Krishna, Hari, Kamala, Saraswati, Bha.	Raja Harivarna Deva. The Rajahs of Banga and Gaur.	Private family ; This inscription dedicates a stone image of Vishnu, and is in praise of a Brahman, and his ancestors, for building a temple, and is full of Puranic fable. One of the worthy Brahmans, Bhava Deva, gave 100 damsels, " bright-eyed," to a temple. The sea of Buddhism is spoken of, and Bhava Deva, the Brahman, as equal to the Omniscient, and skillful at annihilating the opinions of heretics.	Not made out.	The inscription dedicates a stone image of Vishnu, and is in praise of a Brahman, and his ancestors, for building a temple, and is full of Puranic fable. One of the worthy Brahmans, Bhava Deva, gave 100 damsels, " bright-eyed," to a temple. The sea of Buddhism is spoken of, and Bhava Deva, the Brahman, as equal to the Omniscient, and skillful at annihilating the opinions of heretics.
6	218	From the ruins of a magnificent Buddhist Chaitiya at Amritavati (Omravati) in Berar. Museum of A.S.C.	Sanskrit, but neither pure nor of correct orthography.	Not mentioned.	Ceylon, Seoni, Andhra, Southern Indian Deva Nagari.	Buddhism is called the king-dom, passing to florid preserving and the very excellent religion of the people.	Not made out.	The inscription, which is imperfect, refers to the foundation and endowment of some Buddhist institution. It says, " place is not to be given to the disputer of Buddhism ; nevertheless praises those who follow the guest and the Brahman, and considers injuries to the gods and

		Brahmans as great sins!! At the date of the inscription, therefore, there was not any hostility between Buddhists and Brahmins.
6 278	Slab in Muse- um A. S. B. from Bhu- baneswar. Companion slab of the one before notice- ed, from the same place.	A. D. 1174 is the date of Ahiyanka Bhima's ascent of the throne, in the annals of Orissa.
6 454	Sanchi, near Bhilsa - Blo- yal, on the Buddhist temple gate- way.	Sanskrit prose Samvat 403, or 1009 or 18? The same, Samvat 18, is mentioned in the inscription at Brahmeswara, but the character is of the tenth century.
	tions at Maha- balipur.	Aniyaka Bhim" Salutation to Si- va, and Gautama is called the Chief of Sages. Indra, Vishnu, Brahma, Rama, Kumadeva, Ananta.
		The inscription records a money con- tribution, the coin being called "Dinar," and a grant of land by the great Emperor Chandra Gupta, for the establishing the charity and the support of five Buddhist priests for ever, and it records the remark- able fact of the purchase of the ground by the Emperor for the purpose at the legal rate. It is un- certain whether the Samvat in the inscription is that of Vikramaditya; it is much more likely to be a Bud- dhist family era. It is said, "Who- so shall destroy the structure, his sin shall be as great, yea five times as great, as that of the murderer of a Brahman." So that the Brahman was at a discount of five hundred per cent. compared with the Bud- dhist charity! From the corrup- tion indicated by the salutation to the Eternal Gods and Goddesses and the alphabet used, the inscrip- tion is probably not older than the

Volume	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Date.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
Page.							
6 459	Second inscription, ditto, ditto, on the Buddhist temple at Sanchi.	Ditto in.	Numerals unintelligible.	Ditto	Buddhist. Mentions the holy monasteries of Kalkunada Sphanta ; and the four Buddhas are thrice named ; and images of four Buddhas are in niches.	Not mentioned.	This inscription records that a female devotee, Hariwamini, to prevent begging, caused an almshouse to be erected, and money was given for the lamps of the <i>four Buddhas</i> ; so that, at this period, as <i>Fa hian</i> states, more than one <i>Buddha</i> was worshipped. The numerals of the date are not understood.
6 461	Inscriptions 3 Old Pali to 25, on the Buddhist temple at Sanchi.	Old Pali	Ditto, but before varying from Lât to Allahabad to No. 2, or Gaya.	to the fifth century.	Gifts to the chaitanya recorded.	Not mentioned.	All the inscriptions are in the character before the Allahabad No. 2, or Gaya, therefore before the eighth century, and they are of different ages : they record small gifts by Buddhists to the chaitya—particularly by different communities of Buddhists from Ongén ; and there is a regular progression in the form of the letters, from the simple outline to the more embellished type of the second alphabet of Allahabad.
6 566	Column at Dehi, Allahabad, Matiiah, Raduhah.	Old character, between Pali and Sanskrit,	Deva form of Nagari, which letter is deulicible from it, corresponds to the original of the 232nd year	so, the fourteenth year of Asoko's reign	this there can be no doubt, from the injunctions to teach "Dharma" under the sacred tree, and <i>turn-</i>	Piyadasi, or Asoka, Emperor of all India, identified as Asoko	The inscriptions are the same on all the columns. Five hundred years ago, the author of the <i>Hatt Aklim</i> , Mahumed Amin, said, the character was unintelligible to the learned of Turnour, from the Pali Dipawanso, which
6 609 791			through successive ages, simple and straightforward, and the in-	both. The after the death of Buddha, and therefore to B.C. 311, and the in-	the sacred tree, and <i>turn-</i> ing the wheel of the law, the new or additional	Mahamed Amin, said, the character was unintelligible to the learned of	all religions. No images of Bud-
			ward, opposed, scription being Sanskrit letters.	states that he was the grandson of Chandragutta, mention of the	the Dhamma (the doctrine) is to be taught under the sacred tree. The chief object is the interdict of the slaughter or destruction of any		

to Sanskrit in the 27th year of his reign, the hyperbolical enology and extravagant exaggeration.

The Dipawanso, says Asoko, was inaugurated 218 years after the death of Sakya, therefore B.C. 325.

ascetic disci-^{[and viceroy of}
ples ; certain Ougein — J. A.
dogmas, and the S. B., vol. 6, p.
observation of 791.

of the three holy
days, monthly,
mentioned by
Pahian, preach-
ing, &c., and
Babbana (Brah-
mans) are to be
converted, and
kindness and
condescension
shown to Brahm-
ans and Sra-
mans.

of living creature, and the abolition
of torture in punishments, and the
punishment of death for criminals,
and the exempting animals from
work on the stated days. But the
days, 8th, 14th, and 15th of the
moon, do not quite accord with
modern Buddhist practices. The
name of Buddha, Gotama, or Sakya
Muni, not mentioned; but the
expression, Sakatam Kachchato,
which Mr. Prinsep supposes is in-
tended for Sugatam Gauchhato, or
Sugato (well come) a name of Bud-
dha; and the inscriptions have fre-
quent references to the acts to be
done under the holy fig-tree, Bud-
dha's Ficus Indica. The inscription
opens in the twenty-seventh year
of the King, Devanampiya Piya-
das's anointment. Asoko distinctly
says, the object of his doctrines is
to increase the mercy and charity,
the truth and purity, the kindness
and honesty, of the world. The
King, says he, prays for those of
every creed that they, with him, may
attain eternal salvation. This is not
atheism.

This inscription was cut upon one of
the old lâts, or Buddhist columns,
to record Vesal's victories, but not
against the Buddhists, because they
were gone.

The inscription is remarkable, advert-

ing to the date, for the terms "sup-
pressor of the pride of the *Daiyias*,
applied to Sambhu (Siva), having
relation apparently to the extermi-

Vesala Deva
Vesala Deva
Deva
Deva Bachwan.

Maehmal Deva
and his son Bachwan.

Salivahan 909. Hula Canara .. .
A.D. 987; and Siva as Swayam-
there is an era bhunath, Par-
of the family bhathe, Sambhu.
Maehmal, 710,

6 576 The above Sanskrit ... Samvat 1220, or Almost modern Hindu ...
stone pillar at Delhi. Deva Nagari.

6 664 Slab from Kur- Canarese, but invocation
goda, in Ca- Sanakrit.

Page. Volume.	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Date.	Religion; or Divinities or Sages mentioned.	REMARKS.
6: 665	Port of Kalinjar Sanskrit A.D. 1246?	in Bundekund, on a black marble slab.	corresponding to the above.			
6: 668	Gunsar Cut-Sanskr. Mixture Sanskr. Urvaya, and Tamil.	of Nalgulliera Samvat; unknown, but the writing is after the tenth century.	Peculiar elongated and narrow Deva Nagari, not unlike Seoni, or the Lower Kanouj coins.	A.D. 1246?	Invocation to Siva. Sambhu, Parbati, Ganga. Puranic imagery.	The inscription gives a village to a Brahman, resembling the end of the Bhaniaj-malla family, or Sri Netri Bhanja, grandson of Shatra Bhanja Deva, son of Rana Bhanja. This is the inscription translated by Dr. Wilkins, but subsequently more literally done by a boy educated in the Sanskrit College at Calcutta. The inscription gives the village of Dandi Devi; but there is not a word about Brahmans, nor Puranic fables, unless the word <i>Mahishasura</i> implies it.
6: 671	Buddha Gaya Sanskr. . . . Vaulted cavern, or Nágájuni. Other inscriptions Inscript. No. I.	After Allahabad No. 2, and of the ninth or tenth century.	of slightly from the Gujarat alphabet of Mr. Watson, having many compound letters, and is therefore more modern than it.	Devi. Mahishasura. The image of Katayayni, Ananta Varma, is placed in this cavern of the Vindhya mountains, so that therefore more modern than it.	Kings or Princes mentioned.	

			been considered part of the Vin- dhyas.	
Do. 15, do. Sanskrit	Do.	Do.	No Gods men- tioned.	Sardula Varma.
Do. 16 and 17. Do.	Do.	Do.	No gods men- tioned.	Krishna.
			Yama.	Son of Ananta Varma.
Do. 2 and 3.. Old Pali	B.C. 280 to B.C. 247.	Buddhist. Bud- dha. Asetics mentioned, for whose use the cave was form- ed.	The beloved of the gods, Dasa- lathana, in Pali, Dasaratha, in Sanskrit.	The title of Raja not applied, but the terms are "immediately upon his receiving <i>regal anointment</i> ." These inscriptions are of great mo- ment. In the Puranic prophecy Dasaratha is placed next but one below Asoko, and the character and language make him nearly the con- temporary of Agathocles in Bactria and Mahasewa, Suratissa in Ceylon. The inscriptions record that the <i>Brahman</i> girl's cave and the milk- maid's cave were excavated by the Buddhist ascetics, and devoted to them in perpetuity by Dasaratha, who, like Asoko, is called "Beloved of Heaven." The <i>Mitras</i> of the Sunga family are identified from these caves, and from coins.
Do. 4, 5, 6, Various ... &c., &c., in- cluding all the remaining to No. 23.	Various	Various of them Lât.	Various, but none of them Lât.	None mentioned.
An inscription on a seal. Sri Vai (or Bha- ti) Khuddha, from Ougein.	Sanskrit	None	Saurashtra le- Not mentioned. gend coins.	Sri Vati(or Bhati) Khuddha, upon a seal from Ougein.
Sanskrit verse; Samrat 1049. [In the inscription Brahmanical.			The founder,	The inscription dedicates a temple to

Volume.	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.	
6	Bai tool, near the source of the Tapti river. Copper-plate grants.	the language and poetry superior to anything of previous date, seen by the Society's Pandit, Kamalkanta.	A. D. 992.	it is called the Kulda, and is midway between the DevaNagarī and the Gaurī. Some of the vowel inflections wanting.	Ananta, *Rava-nā, Lakshmi, Indra, Rama, Son Viravarna. Siva, Ganga, Is-warā, Madhu, and Sambhu, Parbati Devi. The Vedantas Son Lalla, mentioned.	Chyavan a Ma-harishi. Son Marschanda Pratapa. Brother. Malhana. The Vedantas Son Lalla, mentioned.	Siva and Parbati by Lalla, whose fathers are all of the royal race of Chhindu. The inscription inflated and highly poetic, and the language polished; nevertheless, there are variations in spelling and inflections from modern Sanskrit. The inscription was found at a temple in the jungle, and there were the appearance of the ruins of a town about. A gift of villages and trees to Brahmans. None of the names occur in Hindu works, although the petty princes are called masters of the world.
6	Multaye ; Bai tool, near the source of the Tapti river. Copper-plate grants.	Sanskrit verse, with some difference from the modern spelling.	Mr. Ommaney says A.D. 1573 : Mr. Prisep says A.D. 709 or 909; but the character is rather that of 909.	After the Allahabad No. 2 and Gujarat. Vyasa; and the donor pronounces himself a firm Brahmanist, and a firm Bhagavata, or disciple of Vishnu.	No invocation, but simply Srastī. Son Maswanika Raja. Son Sri Nanda Raja. Sri Yuddhasura.	Sri Darga Raja, Son Govinda Raja.	The Raja Yuddhasura, of Rahtore Rajput origin, gives a village to Brahmans; but the inscription is remarkable for the absence of the display of Puranic gods and goddesses. The usual threat about resuming lands is quoted from the Vedas. The inscription is otherwise curious for using the era of the Buddhist Salivahanas. None of the princes are in the lists of the Garha Mandala Rajas.
6	Hund, near Sanskrit mixed A rock, on the Indus, on marble slab.	Sanskrit mixed with Hindi.	Seventh or eighth century probably, or later.	Deva Negari in transitu.	Deva, Not made out .. the husband of Parbati.	Too mutilated to be useful. Speaks of the chief having bland speech for superiors and Brahmans, and talks of his kingly and priestly rule. The flesh-eating Turushcas (Turks) mentioned.	
6, 881	Kainjer, in Sanskrit verse,	[A.D. 1288 ; Sam.]	Bundlekund De-	Deva as Vishnu, Family names of the inscription is full of poetical and			

Bundelkund.	but language] vat 1345. Stone slab in the Museum of the Asiatic Society.	va Nagari.	Lakshmi, and a Chief, the last| laboured images, but the Sanskrit all the Avatars of whom, Nan-| is bad ; and Kamalakanta, who of Vishnu, Ga-| da, married a translated it with Mr. J. Prinsep, who napati, Rama, | protested against Mr. Prinsep re-| training the original errors of the and the Rakhi-| shas. Kashyapa| text. The inscription was recorded shas. Kashyapa| to dedicate an image of Vishnu. is called the first| expounder of the Vedas.	This is the last revised reading of new| impressions by Mr. J. Prinsep. The column was raised again by the devan of Chandra Gupta 2nd, prob-| ably. A curious thing in the in-| scription is the use of ka, the pro-| tototype of the modern genitive sign in Hindoo. None of the numerous kings named are met with in the Puranas, and few of the countries even. No mention of Brahmins whatever. The poet Dhruva Bhuta calls himself the slave of the feet of the great king, and hopes it will be acceptable to the devan Hari Sena. It is professed to be executed by the slave of the feet of the su-| preme sovereign, the criminal magi-| strate, Tula Bhutta. Uses the term Shahanshahi, king of kings, which applies to the Sassanian dynasty of Persia, extinct in the seventh cen-| tury. The Scythians and Huns mentioned. By this inscription the power of Brahmanism was plainly only incipient.
6 970 to 980	Allahabad co-| lumn. In-| scriptio n 2.	Not pure San-| krit ; seven-| century. lines metrical, the rest prose.	Seventh or eighth Allahabad, Gaya.	Sri Gupta. Dhanade Son Sri Ghatot (Kuvera), Va-| Kucha. runa. Indra and Son Chandra Antaka (Yama) Gupta. Vishnupati, Son Samudra Tumburu Nara-| Gupta. da. The Ganges coming from the hair of the Lord of Men (Siva) noticed. The Shastras. So far from any of the kings being made to worship Hindu gods, Sa-| mudra Gupta is said to put to shame Indra, Yama, Kuvera, and Varuna.
6 1038	Junir Karli other places in De-|	Old Lát ; but not Buddhist. The Dharmika Seni is so old as Delhi inscriptions narrate by whom of the 10 caves Lát character.	Old Lát ; but not Buddhist. The Dharmika Seni is so old as Delhi inscriptions narrate by whom of the 10 caves Lát character.	The curious fact connected with these seven inscriptions, in the multiu-| dinous cave temples of the Dekkan, is that they do not record <i>positively</i>

Volume.	Page.	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Religion; or Deities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
6	1072	Udayagiri and Khandgiri caves in Cuttack,	Old Pali	Before the second or third century before Christ.	Buddhist.	The mighty Sovereign of Kalinga, Ar-hants, or Buddhist saints.	The inscriptions are stated to be excavated by Kalinga Rajas. Five of the emblems found on the Buddhist coins are met with in these inscriptions of the forms, 9th, 6th, 35th, 8th, and a new form of the bo-tree. (J. R. A. S. Soc. VI. p. 454.)
1075	Khandgiri rock in Cuttack,	the same	Sanskrit	Some of fifth or 6th century, A. D. One of the tenth century, Samvat 9, which, if of the Gaur era, would be A.D. 1132.	Brahmanical. Holy ascetics, Prabhavarsa, or Jagannath.	None mentioned.	This inscription of the tenth century, in Sanskrit, speaks of an equitable prince having the cave excavated within the holy precincts of the Lord of Gods (Jagannath), for the holy ascetics. In the tenth and eleventh centuries, therefore, Jagannath was worshipped.
1085	Kalinga.	Old Pali	Old Lát	Buddhist; and Aira, the great King; and law, as well as other school matters. At his accession, in his twenty-fourth year, he chose the	The inscription makes the young prince learn navigation, commerce, and law, as well as other school matters. At his accession, in his twenty-fourth year, he chose the	Buddhist; and Aira, the great King; and law, as well as other school matters. At his accession, in his twenty-fourth year, he chose the	Buddhist; and Aira, the great King; and law, as well as other school matters. At his accession, in his twenty-fourth year, he chose the

tion, but before the Junir inscriptions, therefore third or fourth century before Christ. The year 1300 is twice mentioned in words, and if this be the Buddhist era mentioned by Fa-hian in Ceylon, then the date is A. D. 215.

and the sculptures represent figures of Budha the worship of the Bo-tree, processions, &c. Merry dancing girls spoken of, and chaitya figures of the Rāma and pillars. The Kalinga Rāja, at Buddha's death, datta is said by Mr. Turnour to have received the nine tooth, which was afterwards transferred to Ceylon, and is now in British custody.

7 32 Kuhon. Gō-
rakhpūr. On
a column.

Imperfect Sanskrit, with errors of orthography.

Rajā Brahmanical faith, but afterwards called about him the Buddhist priests who had been settled there under the ancient Kings. Subsequent breaks in the inscription interrupt the sense, but the dedication of *chaityas* is mentioned.

Note. Bhamadatasa is noticed under its Pali name, and it evidently must have been Buddhist, as the King, Aira, distributes much gold there. The Brahman caste is written *Bai-man caste.*

This is an inscription on a column, by a wealthy individual (Madra), in honour of himself and family, son of Rudra Soma, son of Bhatta Soma son of Armita. Madra professes to be the friend and patron of Brahmans, Gurus, and Yatis; but there are not any Hindu gods named in the inscription, and all the *naked* figures cut on the pillar are evidently the same as are found in some of the Buddhist caves of Ellora. The translator speaks of the errors in the text. The chances are, that the inscription, like the Gupta inscriptions of Allahabad and Blitar, was cut on a previously-existing Buddhist column.

Vide.

Volume Page.	Location of Inscriptions.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sage mentioned.	Kings or Princes mentioned	REMARKS.
7 42	Bakerganj, Bengal, 120 miles east of Calcutta. On copper-plates.	Sanskrit verse, inflated, eulo- gistic, and punning.	Samvat 3, of Ke- sava Sena's reign, which, from the Ayin of the Pala dy- nasty. A.D. 1136.	A little <i>les-</i> <i>simple</i> than the earlier alphabets of the Pala dy- nasty. Akberi list, makes the year A.D. 1136.	Appendix. (J. R. A. S. Vol. VI.) Vijaya Sena. Son Balbhā Sena to Nāryana. Son Lakṣmāna Vedas, Hura Sena. (Siva,) Saras-Son Raja Kesava wati, Kama, Sena. Rudra, Indra. The seal of Siva is called Sada- siva. Ravana, Lakshmi, Ses- nag, Ganga, Balarama, Ja- gannatha. Satis, mentioned.	This inscription is on copper-plates, in a <i>singular</i> state of preservation. The Sena dynasty was of <i>low</i> ori- gin, calling themselves Sankoya Gauresvara, or Lord of Gaur. The inscription gives a grant of three villages to a Brahman, called Is- vara Deva Sarma, but uses no terms of reverence. In referring to the numerous battles of the princes there is not any mention of fire- arms, but of bows, arrows, swords, &c. The founder of the family was a Doctor. The inscription says that Lakshmana Sena erected pillars of victory and altars at Benares, Alla- habad, and Jagannatha.	Five images of naked Jain saints were dug up at Ajmir, in a Mus- lim burial ground; and the in- scriptions on them are curious for showing the <i>Pratirit</i> (not Pali) of the twelfth century.
7 53	Jain images, in marble, dug up at Ajmir.	Prakrit, de- rived from the one image.	Twelfth century A.D. 1182 is on	Deva Nagari ..	Jain, of the Di-None	Asoka, or Piya- dasi. Up- holds Dhammo, or the law.	These inscriptions are on a rock at Girnar, a celebrated Buddhist loca- lity, and are edicts of Piyadasi, in the tenth and twelfth years of his reign, and are, therefore, older than those of the Delhi and Allahabad Lats, which are in the twenty- seventh year of his reign. The chief object is to prohibit the slaughter of animals, both for food and in
7 217 to 262	Girnar, on the coast of Guji- rat, at Juna- gharh ; and the same in- scription oc- curs at Dhau- li, in Cuttack,	Old Pali, or intermediate Buddhist, Chi- nese, and Bur- mese chrono- logy ; but the same in- scription oc- curs at Dhau- li, in Cuttack,	by the Old Lát	Buddhist. Mentions days and periods for humiliation, prayer, &c ; the sending of mis- sionaries ; preachings. Ex-	King Antiochus, Ptolemies of Egypt, and An- tagonus.	King Antiochus, Ptolemies of Egypt, and An- tagonus.	King Antiochus, Ptolemies of Egypt, and An- tagonus.

religious assemblies. The second edict provides medical aid for men and animals. The third orders the *quinquennial assemblies* (*Vide Fa-hian*) for prayer and preaching. The sixth appoints custodes morum (*Vide Arrian and Buddha's Sermon.*) In all there are fourteen edicts inculcating Buddhism. The remarkable fact of the mention of the name of Antiochus of Syria, in the medical edict, and Antigonus and Ptolemy of Egypt in the 13th, occurs. In Asoko's zeal for proselytism he sent to those Greek princes. In the first edict Asoko distinctly says: *formerly hundreds of thousands of animals were sacrificed for food in the refectory and temple for food; but that not one should be killed for the future.* The third edict enjoins kindness to Brahmins and Sramanas; because for many HUNDRED YEARS PAST there has been disrespect to Brahmins and Sramanas, and slaughter of animals. The Raja Tarangini mentions King Maghavahuna, a Buddhist sovereign of Kashmire of the third or fourth century, issuing an edict *against the slaughter of animals*, similar to these of Asoko.

In India, with the inscription of Asoko at Dhauli and Girnar are two local edicts, one of which would seem to have been done by Asoko's father, as it en-joins the two series of inscriptions. From Mr. Prinsep, having referred to the Sanskrit inscription at Girnar, to the third century before Christ, instead of the fourth or seventh A.D. (which he afterwards rec-tifies), he was induced to derive the Pali from the Sa- skrit.

patiates on the sources of true happiness, virtue, benevolence, peace, charity, reverence, &c., rewarded with temporary blessings in this world, and endless moral merit in *the next*; and the victory of victories is that which overcomes the passions. It speaks of the wicked being punished in the nether most regions of hell, and the good having final emancipa-tion, and they are to hope ar-dently for hea-ven. The pro motion of the king's salvation, and the salva-tion of all un-believers, and ANOTHER EX-ISTENCE, are ex-presly spoken of; also the propitiation of

Page. Number.	Location of Inscriptions.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
7 557	Brahmeswara in Cuttack, not far from Bhubanesvara, on a slab in the museum of the Asiatic Society of Bengal.	Sanskrit verse. No date, but the character is after the tenth century—1141? certainly after Lalat Indra Kesarī, A.D. 617.	No intelligible Gaur alphabet, or Harsba.	Heaven, and the king's IMMORTALITY. Where is atheism here?	No invocation. Janamejaya, Lord of Teleng, Brahma, Upen-dra (Vishnu), Son, Dhigaleva, Maheswara, In-dra, Bali, Siva. Vedas, grammar, poetry, logic, &c., mentioned Raja Udyotaka but no Puranas, No eulogy of Brahmins.	Commemorates the temple of Brahma, being erected to Siva by Kolavati, the mother of Udyotaka. The era Samvat 16 is used. The temple was no doubt erected after that to Siva at Bhubaneswar, which Mr. Stirling says was completed A.D. 657, and that at Kanarak A.D. 1241. If the Samvutera 18 be that of Gaur of the dynasty that subverted the Bhupalas, it corresponds to A.D. 1141.— <i>Vide J. A. S. B.</i> , vol. 5, p. 660.	
7 565	Nanah Ghát, Dekkan, in a cave chamber. From Colonel Sykes's collection.	Old Pali	Before Christ ..	Old Lát	Buddhist. Glory to Dharmā, Indra, the Lords of Sakra. Sun and moon, sanctified saints, Yama, Varuna, and spirits of the air, and Lokapalas, or upholders of the world.	Prince Young Rakesa. The great warrior Tunakayiko. Prince Hakusaro, connected with the house of Amara Pala.	This is part of a long inscription in a chamber cut in the rock overlooking the Konkan in one of the passes, which was evidently the high road from Adjunta, Ellora, Junir, to Kalan and the cave temples in Salsette. The inscriptions in all these localities are very numerous, and call for translation.
7 737	Piplanagar in Bhopal, on copper, being one of the four plates	Sanskrit Samvat 1235 ; a. D. 1178.	Peculiar open-pail-logram attached to Deva Naguri letters.	Glory to Sri Ganesa. Siva, Kamadeva, Indra, Varuna, Rama-chandra. Noi Deva.	Great King Uddyotya. Son Great King Sri Nara Varmu	Gives shares of government rents of villages to Brahmans. The Patel capital was Nilagiri. Haris-chandra was the son of the Great Sri Lakshmi.	

formerly noticed by Mr.
L. Wilkins.

			mention of Pu-Son Great King ranas. Sri Yaso Varma Deva. Son Great King Sri Jaya Varma Deva.	Sri Yaso Varma Deva. Son Great King Sri Jaya Varma Deva.	varna Deva. The Paramar, Pon- war, or Powar tribe spoken of,— evidently the ancestors of the pre- sent Maratta Powars of Dhar.
7 710	Kaira, Gujarat.	Sanskrit prose, each word having a dou- ble meaning. an analysis of the inscrip- tion given.	Samvat 380; A.D. 323; but, if the Balbhi era be used, three hun- dred and nine- teen years must be added.	Before Allahabad <i>Four Vedas men-</i> tioned, but not one name of the Puranic gods.	The grant is of a village; and the donees are designated "those who are versed in the four Vedas;" and the term Brahman is not used. The grant was for the worship of the five— <i>Jugnas</i> , Bali, Charu, Baiswa- deva, and Agnihotra. There is the usual quotation about the resump- tion of lands.
7 339	Junagharh, near Girnar, in Gujarat,	Sanskrit prose, but with grammatical errors, and punning. an analysis of the Pali edicts of Asoko.	If after Wathen's inscription, or the Andhra Kings, then be- tween the third and the end of the sixth centu- ry, A.D.	Altered Lāt ap- proaching Wa- then's plates.	Raja Maha Ksha- trapa, or Swami Chastana, and Aritlana. The name of Ma- gadha is refer- red to, and his grandson Asoko. The following names of the princes of this dynasty are the dates 283, 323, 360, 385, and 390, but of what era is not known.
				Rudra <i>Dana</i> mentioned in the inscription is the father of the Rudra <i>Sah</i> of the coins, with the	Raja Maha Ksha- trapa, or Swami Chastana, and Aritlana. The name of Ma- gadha is refer- red to, and his grandson Asoko. The following names of the princes of this dynasty are the dates 283, 323, 360, 385, and 390, but of what era is not known.

VOLUME.	PAGE.	LOCATION OF INSCRIPTIONS.	LANGUAGE OF INSCRIPTIONS.	CHARACTER USED IN INSCRIPTIONS.	DATE.	RELIGION: OR DIVINITIES OR SAGES MENTIONED.	KINGS OR PRINCES MENTIONED.	REMARKS.
7 442		Two separate local edicts, at Dauli in Cuttack, the remaining edicts corresponding with those at Girnar in Gujarat.	Old Pali	Third or fourth century before Christ; but the year of the king's reign is not stated, as in the other edicts. B.C. 306?		Buddhist. Com-mands the non-destruction of life, non-indi-cation of cruelty; charity, kind-ness, virtue. The king says, For my subjects I desire this only, that they may be possess-ed of every benefit and hap-piness as to things of this	Devanampiya, or the beloved of the gods; and as the young Prince of Ou-GIN is named, the king is probably the father of Asoko, who was regent at Ougein.	The first edict is addressed to the public officers of the city of Tosali, and commands murderers to be im-prisoned. Both edicts appoint two Tupha's, or colleges for meditation and the propitiation of Heaven. The question of atheism in ancient Buddhism is set at rest by these edicts, which repeatedly speak of this world and the world hereafter; and the people are expressly com-manded to propitiate Heaven, and to confess and believe in God, WHO IS THE WORTHY OBJECT OF OBEDIENCE;" or more literally, .. HIM, THE ETERNAL, YE SHALL
			Samvat 385.			Rudra Sah, date 324. Rudra Sah, 332? His son Utri Da-ma, date 360? His son Viswa Sah. Swami Rudra Da-ma (no cousin). His son Swami Rudra Sah, Samvat 385 and 390?	His brother Vira Dama. His son Rudra Sah, date 283. His brother Vis-wa Sah, date 324.	dists, and Swami Rudra Sah has the <i>Somanat</i> date 385, which, if of Vikramnditya, places him in the fourth century of the Christian era, but if the era be the Balibhi, the date is A.D. 704. The inscription mentions the <i>election of a king (Rudra Dama) by the people</i> , who did not permit the sacrifice of animal life; and he is called the Lord of the country of Ougein, Mathura, Sindhu, &c., and he conquered Sat-karini, King of the Dekkan.

PROPITIATE BY PRAYER."

7 633	Airun, in Bho- pal, on an image of the Boar Avatar in a temple to Vishnu.	Sanskrit ; but of the same peri- od as the follow- ing inscription. Dhanya Vishnu being alive at the time both were written. Probably about the eighth cen- tury A.D.	world and of the world beyond. Invocation to Raja Indra Vish- nu.	Raja Indra Vish- nu. His son, Varuna Vishnu.	The temple was built in the first year of the reign of Raja Tarapani, by Dhanya Vishnu, the confidential minister and brother of Raja Matri Vishnu. The inscription is the first in honour of the <i>boar</i> incarnation of Vishnu, and the Boar coins probab- ly belonged to his family of princes, who worshipped Vishnu as the Boar. The minister Dhanya obtained his office by public election, and through the grace of God ! Dhanya is call- ed a Rishi amongst the Brahmins and the devoted worshipper of Bha- gavan ; but there is not any pre- postorous eulogy of Brahmins.
7 634	Airan, in Bho- pal, on a pil- lar in front of the temple.	The year 165 of Same as last inscrip- tion.	Vishnu, Garuda, Lokapalas, Bha- gavan, Janar- dana (or Vish- nu), Punyajanas (or Rakshus).	The King Budha Gupta, who go- verned the coun- try between the Jumna and the Narmada.	The pillar was raised, at the expense of Dhanya Vishnu, before the tem- ple of the preceding inscription, by Vaidala Vishnu, who had been elected to the Regency. The notice of a new Gupta, and a date of the dynasty, 165, is of great interest, as Buddha Gupta necessarily followed those mentioned on the Allahabad and Bhitari columns. And up to Buddha Gupta's time, if he belong- ed to the Kanouj dynasty, its dura- tion had been only 165 years. In the early part of the fifth century, A.D., Fa-hian found a Buddhist King at Kanouj; and in the early part of the seventh century Huan thang found a Hindu King reign- ing. The dynasties, therefore, had been changed between the fifth and

Volume	Location of Inscriptions.	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
7	901 Arnakunda, or Telugun Varsangal, in Ourya, with Sanskrit slokas.	Saka 1054, or A.D. 1132, being the year Chetra-bhanu of the Vrihaspati Char-kar, or sixty years' cycle of Jupiter.	Not mentioned.	Hari, Saraswati, Siva, Mubeswar, Ravi Souri (or Vishnu).	Raja Rudra Deva.	The Raja Rudra Deva of the royal race of Gujjara, gives a village to those who are versed in the four Vedas, not one word of His son, Vijaya Bhatta, or Vita Raja.	Samanta
7	909 Kaira, in Gujarat.	Sanskrit prose, each word having a double meaning, —and, incapable of being closely rendered into English.	A.D. 323, if the word "Vilivibhiera" be read No. 2, —possibly, if of the sibily a little earlier.	The four Vedas mentioned; but not one word of Brahmanical gods or Brahmans.	Raja Datta.	His son, Prasanga Raja Dat-ta.	This is No. 1 of four plates found by Dr. Burn at Kaira, and is similar to one published by Mr. Wathen in the J. A. S. B. It confirms the order of the reigns given by Mr. Wathen, and affords additional dates, and circumstances of high
7	966 Kaira, in Gujarat.	Sanskrit prose.	Samvat 365, or A.D. 309; but last.	The same as the opening of the Vili-bhiera, then 319 years must be added.	Bhatarka Sena-pati.	with "Glory," instead of other Guha or Griha invocation.	Sena

knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	Bahura dynasty of Gujarat. This place omits four princes between Bhatarka and Griha Sena, and terminates with Dhara Sena 3rd, the grantor. Mr. Wathen's plate goes on one prince more Siladitya 2nd. Although six reigns intervened between Mr. Wathen's and Dr. Burn's Plates, the son, named Madana Hila, of the minister Skanna Bhatta, who prepared the first plate, is a witness of the present grant. The bow the chief military weapon. No fire-arms; chariots used. From the absence of all mention of the gods of the modern Hindu Pantheon, it is plain they could not have been respected in Gujarat in the fourth century A.D. Dhara Sena 3rd, indeed says he is liberal to Brahmins (but without mentioning them with respect) and to the temples of the gods. The grant gives a field to a Brahman, for the sake of the donor's father's and mother's virtue. On the seal is " Sri Bhatarka," under a bull, as in Mr. Wathen's plate.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	This inscription is of importance, as it discloses a new era, that of the family of Udayaditya, the probable founder of Oudeypur, corresponding to the era of Vikramaditya 1116, and of Salivahana 981, and Kaliyuga 4160. This would place the foundation of Oudeypur A.D. 614. The Raja's name is not in the chronological tables of the Sesozi Rajputs.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	Raja Suravira, of the Pavara (Powar) line. Gondala, his son. Arevalamathana do. Udayaditya, his son. Salivahana, his son.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	Salutation to Ganesh. Parvat, the Siva, with five faces! Vedas ! Swaha. Sastras.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	Samvat of Vikramaditya 1116, corresponding to 981 Salivahana, and to 416 of the era of Udayaditya, A.D. 1059.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	71056 From a temple at Oudeypur. gross errors of grammar and incorrectness of expression.
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knowledge). Upendra, Swayambhu, Vedas.	Iswara Guha. Sridhara 2nd. Dharuva 2nd.	Sena Sena Sena Sena Sena 3rd, Dharuva Sena 3rd, or Dharmaditya.	9 545
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Volume	Page.	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Date.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
8	176	Khajrao, eighteen miles from Chhatarpur, in Bundelkund.	Sanskrit verse. The first part of Allahabad No. 3 inscription, in an ambitious inflated style; the verses polished and elaborated, but some obscure, and abounding with quaint pedantry and punning.	Samvat 1019, A.D. 962; last part, Samvat 1173 or 1016.	Invocation to Si-va. Maheswa-ra, Shambhu, Vag Yate. Bharati, Pasupati, Brahma, Vahila. Maricha and Srihara. Brahma's other sons, the Munis, Atri, Chandra-triya, Vayvar-Yaya Varma Deva.	Rajas.	Maheswannuka. Nannuka.	The inscription is chiefly in honour of Banga (by his son), who, as is usual, is elevated into a great king. The kings of Oude and Ceylon attend to do him homage, and his captives are the wives of the kings of Andra, Radha, and Anga! Banga is, of course, eulogized by the Brahmins, because he built dwellings for them, and gave them lands, and piously ended his days, aged 109, by drowning himself at the junction of the Jumna and Ganges, as did also the Brahman minister of his father and grandfather. It is to be remarked, that the inscription had twice before been engraved in irregular characters, and it was only in A.D. 1016 that it was put into proper Deva Nagari. The story of creation from Brhma and the egg is told. <i>The influence of the moon on the tides is alluded to.</i> The inscription alludes to a passage in the Mahabharata, in which Siva is represented to have given his own flesh to a hawk, instead of a bird which had sought refuge with him. This story is told of Buddha, more than 1500 years before this time,

and is much more suitable to his humane and life-sharing character than to the bloody Siva. Here again we have got a Brahman (Sri Rama), whose feet earthly kings adored!

At the time of this inscription (the period of Charlemagne in Europe), Hindustan and the Dekkan were divided into four kingdoms,—that of Gujarat (Gujarat) westward; that of Malwa centric; to the east the Gourha Raj, including Bengal and Behar; and the Latesvara Raj to the south. The Surashtra kingdom spoken of; but, in Karka's reign, it is expressly stated to have been called, before his time, Sowraja, the identical name of the Sattaruh sovereignty at this day. Krishna Raja was devoted to Brahmans, and the nominal Brahmans, through their greediness for his gifts, resumed their former rites. His fort was Elapur. Indra Reja, who ruled the Latesvara kingdom conquered that of Gujarat; and he aided the owner of Malava against the King of Gourha (Bengal). The inscription gives a village to the Brahman Bhanu, but without expressions of veneration, for the sake of his father and mother's memory. It is curious for enumerating the privileges consequent on possession; *fishing*, fruit, marriage and other fees; fines for petty offences; free labour; treasure trove; ruins, &c. ! It concludes with the denunciation from

8 300	Baroda in Gujrat : found punning ; but in digging the foundations of a house. Copper plates.	<p>Saka 734, or A. Not exactly resembling any other character, but sufficiently near Wathen's plates to admit of its being easily made out by Calcutta, though not at all by the Brahmans of Gujarat.</p> <p>Sanskrit, with D. 812.</p> <p>Siva is Govind Raja. Siva is called the god Karka, his son. of gods. Dhar. Krishna, his son. ma. Vishnu Swayambhu Sumbhu, Gang^a, son. Partha, Indra. Karka 2nd, son of Indra, and The gods Kin- naras, Siddhas his brother, to Suddhyas and Danti Verma, is heir presumptive. These are das. Cows are called the daughters of the sun Ranchandra.</p>
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Page. Volume	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
8 481	Dug up at Kumbhi, in the Saugor territory thirty-five miles north-east of Jabalpur, on copper plates.	Sanskrit verse 932, in prose, A.D. 876.	Nearly the same as the Chhattarpur inscription, with obsolete names, and running, and orthographical errors.	Invocation "Om," and glory to Brahma, and therefore like the Harsha and Allahabad No. 3.	Yuva Raja Deva. Kokalla, his son. Gangaya Deva, his son. Karma Deva, his son. Puruvaras, son. Urvasi, Bharata Yasus Karma Deva, his son. Guya Karma, his son. Parusavarma, Nar Sinha Deva, his brother. Indra, Varma Deva, Mahadeva, Sama Veda Kulachuri brother.	Veda Vyasa, against resumers of lands, in the story of the Sagara Raja. The grant is confirmed by the counter-signature of Danti Varma, the heir presumptive.
9 617	Babra, three Old Pali, with marches from two or three Jeypur, on the road to Delhi, on a block of stone.	B.C. 309, because the inscription evidently refers to the first con-	Oldest Lát or Buddhist. The Asoko's edicts, supreme Bud-	The Asoko, as Piya-	dasi Raja.	This is another of Asoko's edicts, from a new locality showing the wide extent of his domain. It differs somewhat in style and language from the pillar and rock edicts. The subject is the Buddhist command-
				Dharma, or the law, or	No. 1.	and the story of Sagara are quoted. This is another of Asoko's edicts, from a new locality showing the wide extent of his domain. It differs somewhat in style and language from the pillar and rock edicts. The subject is the Buddhist command-

or rock on a hill.
Patna, in that year, in the 17th year of the reign of Asoko,

ment, forbidding the sacrifice of four-footed animals. The Vedas are alluded to, but not named, and condemned as, "mean, and false in their doctrine, and not to be obeyed." The scriptures of the Munis (which must be the Vedas) are spoken of as directing blood-offerings and the sacrifice of animals. Priests and priestesses, religious men and religious women, amongst the Buddhists, are commanded to obey the edict, and bear it in their hearts.

These inscriptions relate to the well-known sculptures at Mahamalaiapur, and are little more than names applied to the figures in the sculptures. They are described in the Transactions of the Royal Asiatic Society.

This inscription records the grant of a village called *Abhiravaradaka* on the West of the Ganges, to a Brahman of the Sāndilya race named Indoka. The donor is Vanamāla of the dynasty of Bhagadatta.

The translation is wrong throughout.

1	Patna, in that year, in the 17th year of the reign of Asoko,				
2	Mahamalaiapur Sanskrit rock inscrip- tions.	Eighth to tenth century.	Kutila or Gaur Siva	None named . . .	
9 766	Dug up near Tepur in the Durrung di- vision, lower Assam; cop- per plates.	None : 10th cen- tury.	Slightly modified Kutila.	Invocation Siva and the Brahmaputra River. The Boar incarna- tion and his descen- dants, al- so Vishnu, Krishna and Lakshmi.	Yudhisthira, Bhi- ma, Karna, Ar- juna, Bhagadatta the king of Kāmrūp and his descend- ants Prulam- bha, Hajarā, and Vanamāla.
66	To the west of the northern gate of the old Fort of Behar on a broken stone pillar.	Sanskrit	None: 10th cen- tury.	Not exactly re- sembling any other character: allied to the Kutila.	.....

Volume.	Page.	Location of Inscriptions.	Language of Inscriptions.	Character used in Inscriptions.	Date.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
10	97	Found in the relic chamber of one of the Keneri caves; copper plate.	Old Pali . . .	2nd Century B.C. about 100 years of the reign of the Trukudaka dynasty.	No. 2 cave character.	Buddhist. Salutation to Sarvajna. Bhagaván Sakyá Mu-ni and chaitya mentioned.	Trukudaka . . .	Pushya Burmá of the conquered country called Taromí, dedicates a chaitya. Mention is made of the forests around Bardhamána, a country noticed in the Pratap-rudra inscription.
	98	Fyzabad Oude; copper plate.	Sanskrita . . .	S. 1243 A.C. Not mentioned. 1187.		Vaishnava. Lakshmi.	Yasovigraha, Mahi Chandra, Chandra Deva, Madana Pála, Govinda Chandra, Vijaya Chandra, Jaya Chandra.	The last prince, on the 7th day of the moon in the month of Ásádha 1243, grants in fee simple to Alonga Auda Rayuta, son of Atala Rayuta of the Bharaddája line, the village of Kemali in the district Ashwata Pattana. The grant concludes with the usual anathema against the resumers of rent-free tenures. The genealogy is of the Rahtore princes of Carouj.
664		Baoolee at Bus-sunghur at the foot of the Southern range of Hills running parallel to Mount Aboo.	Sanskrita . . .	S. 1099 A.C. 1042.	.....	Utpala, Aranya, Adbhuta Krish-nna, Srinath and Hari, Ghosi, Pála, Vandhuka, Purna Pála alias Baladarpada.	Váni, goddess of wisdom, and Mahi, Pála, Vandhuka, Ghosi, Mahi temple of the sun in the Aravalli range to be repaired and a Baolee to be excavated. The recorder is Matri Sharmá, a Brahman poet, and the engraver Sirajah, engraver His sister Láhini and ordinary to Rája Aswati.	His sister Láhini married to Vigráha, son of Bora, son of Chara, son of Ballabha, son of Sangana of the line of Bhaba-gupta of the

819	Temple at Ba- santsgurih.	Sanskrita	27 Magh 1053 s. sud.	Salutation to the Hariarna. Viswavarna. Aroma. Dhavaia.	This inscription is very imperfect, several entire stanzas and many words being effaced. From what remains, it appears to be the record of the consecration, by Dhavala, of a temple at a village called Mahiddhajñ.	This record has not yet been decy- phered. Ditto. Very imperfectly decyphered.	
11 958	Aden			Hymyritic.			
13 113	Ningpo	Páli	Uchen?	Buddhist			
16 412	Caves of Bur- bur.	Páli	Old Páli, No. 1 Lat.	Buddhist			
592	Moorsheda- bad, on a gun.	Persian	1047 Hegira . . .	Persian.	Shah Jehan	The gun on which this inscription is recorded, was constructed at Jalángirmagar, otherwise called Dacca, under the Darogáship of Sher Mohammed.	
595	Nágájunicare.	Sanskrita	1st century b. c.	No. 2 Lat.	Saiva.	This remarkable inscription, found inscribed in a Buddhist cave, records the consecration of the Sáva images, Bhútipati and Deví.	
1220	In a temple at Oomga.	Sanskrita	S. 1496 1439.	A. D. Kutila.	Váishnava	Bhairavendra records the consecra- tion of the images of Jagannáth, Baláráma and Subhadra. The princes recorded evidently belong to the Pála dynasty of Gour.	

Volume.	Page.	Location of Inscriptions	Language of Inscriptions.	Date.	Character used in Inscriptions.	Religion; or Divinities or Sages mentioned.	Kings or Princes mentioned.	REMARKS.
1081	Ranode, on stone slab in a temple.	Sanskrita . . .	10th Century	Kutila	Saiva	Somesvara. Bhairavendra.		There are several names in this inscription, but as the reading and the translation are both incorrect, I have not thought proper to insert them here. Records the raising of two topes and a temple.
17	Behar, near the village of Paserawa.	Sanskrita . . .	9th Century . .	Kutila	Buddhist	Yasovarmá. Deva Pála.		A poetical eulogium.
316	Kalinga.	Sanskrita . . .	S. 1298, 10th Kartik.	Not known . . .	Saiva	Paramárdi.	VijayaPála, Bhumi Pála, Jaya Varma Deva.—Varmá, Madana Varmá, Pratiapa Varmá.	The subject of the record is probably the consecration of certain images of Siva, Kamálá and Kálí, the inscription however is too imperfect to admit of satisfactory decyphering.
317	Ditto	Ditto	Not known . . .	Ditto	Ditto	Jatiládhi.	Ditto	Very imperfect.
320	Ditt.,	Ditto	Ditto	Ditto	Ditto	Sri Bachchha.	Ditto	
321	Ditto	Ditto	Ditto	Ditto	Ditto	Rája Deva, son of Kamalenda, son of Madana Varma Deva, King of Kálinjer.	Ditto	Record of the consecration of an image of Varadá.
322	Ditto	Ditto	Ditto	Ditto	Not known . . .		Ditto	Five very imperfect modern inscriptions, from Kálinjer of no value.
68	Vijaya mandir, Udayapur.	Ditto	Kutila	Ditto	Ditto	Salutation to the None sun.	Ditto	An eulogium on the sun.
71	Not known, on copper plate.	Ditto	Gaur.	65 of some local era.	Ditto	Vaishnava	Deva Sacti Deva, Vinayaka Pála, the nephew of Bhoja Deva II., grants to his class-fellow Bhuulla Blatta the village of Vanya Rája Deva.	

				Tikkaraká in the district of Benares.
				The place is to this day known under the name of Tikkári. The donor is evidently a scion of the well known Pál dynasty of Gaur.
17	66	Singapur	Pali	Nágá Bhatta De- va.
	ii.			Ráma Chandra
18	247	Keddah.	Pali	Deva.
19	454	Jaunpur on a burnt brick.	Sanskrita	Bhoja Deva.
475	Ojein.		S. 1036 A.C. 980 .Kutila	Mahendra Pála Deva.
22	673	Pshewa in Thaneswar on a slab of sand- stone in a tem- ple.	Sanskrita	Bhoja Deva.
23	57	Khunniali in Kangru.	Old Pali	Vináyaka Pála Deva.
				Buddhist maxims.
				Ditto.
				This is a deed of mortgage executed in favour of two bankers, Rá Sri Bahna and Rá Sri Maháditya by Rá Gangadevi to ensure the liquidation of a debt for 2250 drummás. The gift of the village Sembhalapura to a priest in order to defray the expenses of a temple.
				Krishna Rája. Vairi Sinha. Siyaka.
				Amoghavasra alias Vákpati, alias Vallabha
				Narendra.
				Mahendrapála, Jatula—Vajráán, Yajnika, Sagga, Purna, Devurája, Ramachandra, Bhoja.
				This inscription is very imperfect, but interesting, as throwing some light on a dark period of Indian history. If we may assume the Bhoja of the document to be the first of that name noticed by Abul Fazl and Prinsep, his era is definitely fixed.
				Of Paligraphic importance as showing the transition state of the Ariauo-Pali character.

APPENDIX C.

INDEX TO THE INDIAN GEOLOGICAL, MINERALOGICAL, AND PALEONTOLOGICAL PAPERS IN THE RESEARCHES AND JOURNAL
OF THE ASIATIC SOCIETY, AND IN THE GLEANINGS OF SCIENCE.

By H. PIDDINGTON, CURATOR, MUSEUM ECONOMIC GEOLOGY.

RESEARCHES ASIATIC SOCIETY.

Researches. Vol. Pages.	Geological.	Mineralogical.	Palaeontological.	Analyses.
XI.	1 Petrifactions near Treevikera in the Carnatic, <i>Warren.</i>	.....	.....	.....
XIII. 317	.....	.....	.....	.....
App. XIV.	.....	.....	.....	.....
XV. 120	Diamond mines of Southern India, <i>Voysey,</i>	{ On the Building Stones and Mosaic of Agra, <i>Voysey,</i> .....	.....	.....
42.	.....	.....	.....	.....
XVI. 382	Coal and lignite of the Hi- malaya, <i>Herbert,</i>	.....	.....	.....
387	Coal in the Indo-Gangetic tract of Mountains, <i>Herbert,</i>	.....	.....	.....
XVII. 499	Journey across Pandua Hills, <i>Walters.</i>	.....	.....	.....
XVIII. Pt. I.	Observations on Geology of India, <i>Calder.</i>	.....	.....	.....
23	Geology of Bundelcund, &c., <i>Franklin.</i>	.....	.....	.....
47	Trap Formation of the Sagar District, <i>Coulthard.</i>	.....	.....	.....
82	Geology of country from Ba- roda to Udaypur, <i>Hardie.</i>	.....	.....	.....

Vol. Researches.	Page. Researches.	Geological.	Mineralogical.	Palæontological.	Analyses.
XVIII.	100	.....	Diamond mines of Purna, <i>Franklin.</i>		
Pt. I.					
	123	Structure of Sittabudie Hills, &c. <i>Voysey.</i>			
	128	Geology of Malay Peninsula, <i>Low.</i>			
	163	Description of North Western Coal District, <i>Jones.</i>	.....	
	171	.....	.....
	187	Petrified Shells in Gawilgurh Hills, <i>Voysey.</i>			
	195	.....		
	216	Gypsum in Himalayas, <i>Herbert.</i>	Minerals from Nagpore.		
	227	.....	Mineral Productions of the Himalayas, <i>Herbert.</i>		
Pt. II.					
	27	Geology of Central India, <i>Hardie,</i>		Fossil Shells and Chelonian fragment from the Hi- maya, <i>Everest.</i> Dr. Gerard's Specimens.	
	107	.....	.....
	115	Geology of the Peninsula, <i>Macpherson,</i>			
	149	Geology of Penang, <i>Ward.</i>			
	238	On the Spiti Valley, <i>Gerard.</i>	Platina from Ava, <i>Prinsep.</i>		
	279	.....	.....	Platina from Ava, <i>Prinsep.</i>	

PALEONTOLOGICAL.

Vol. Researches.	Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
XIX.	1	.....	.....	.....	.....
	25	.....	.....	Sivatherium giganteum <i>Dr. H. Falconer and P. T. Cautley.</i>	.....
	32	.....	.....	Fossil Crocodile of the Se-walik Hills <i>P. T. Cautley.</i>	.....
	39	.....	.....	Fossil Gharial ditto <i>P. T. Cautley.</i>	.....
	54	.....	.....	Fossil Hippopotamus ditto, <i>Dr. H. Falconer and P. T. Cautley.</i>	.....
	59	.....	.....	Hippopotamus and other fossil Genera of the Sub Himalayas in the Dadoopoor collection, <i>Lieut. H. M. Durand.</i>	.....
	115	.....	.....	(Sus and Cheirotherium) in note.	.....
	135	.....	.....	Fossil Camel of the Se-walik Hills, <i>Dr. H. Falconer and P. T. Cautley.</i>	.....
	193	.....	.....	On Felis cristata a fossil Tiger from ditto <i>Dr. H. Falconer and P. T. Cautley.</i>	On Ursus sevalensis from ditto ditto, <i>Dr. H. Falconer and P. T. Cautley.</i>

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
I.				
23 102, 167	Boring in Fort William, .....	..... .....	{ Fossil bones of Elephant Drs. Duncan and Leslie.	Well water in Fort William, <i>Hunier.</i>
265, 267	.....	.....	.....	Of carbonate of Lime and Magnesia.
248	.....	.....	.....	Of different salt waters.
247	Kunkur; Production of			
365	Kunkur, Remarks on			
252	Kasia Hills and Catalogue of Specimens,			
374	.....	Jasper from Kasia Hills, Chara noon,		
304	.....	.....	Mastodon of Ava, <i>Cifit.</i>	
180	.....	.....
178	.....	Coal mine Palmow,		
261	Coaldistrict of Burdwan, <i>Jones.</i>			
251	.....	Mineral productions of Bengal, <i>Jones,</i>		
230	.....	Copper mines of the Himalaya,		
216	Trap formation, <i>Coulthard.</i>			
180	.....	.....	Organic remains in Ava, <i>Crauford.</i>	
219	.....	Hornstone-quartz rock, <i>Dan-</i> <i>gerfield.</i>	.....	Dolomite.
265	.....		
356	Petrified shells Gawilgur, <i>Voy-</i> <i>sey.</i>	.....		Organic remains in the Ga- wilgur Hills, <i>Voysey.</i>
102	Boring in the Fort,	.....		Well water in the Fort.
356	.....		

GLEANINGS IN SCIENCE.

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
I.				
145 213 210	Geology of the Himalaya, of Udaypoor, of Bundelcund, <i>Franklin.</i>			
345	{ of country between Baroda & Udaypoor, { <i>Hardie.</i>			
145 227 228	145 227 228 338 338 224 230 212 230 215, 218	Limestones, <i>Gonn.</i> Locality of Gypsum, <i>Herbert.</i> Minerals of Himalaya, <i>Herbert.</i> Volcano in the Himalaya, Hot spring at Tavoy, <i>Low.</i> Laterite formation, <i>Calder.</i> Lead mines, Himalaya, Lias limestone in India, <i>Franklin.</i>		
91 213	91 213	Limestone of Sylhet, of Bundelcund, <i>Franklin.</i>		
55 246 260	55 246 260	Lithographic stones of India, of Thibet, Thoughts on Mineralogical Systems.		
266 267 184	266 267 184	Separation of carbonate of Magnesia and Lime. Hydrate of Magnesia. New species of Mastodon, <i>Buckland.</i>		

GLEANINGS IN SCIENCE.

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
185	.....	.....	Nummulites at Robagiri, <i>Scott.</i>	
—	.....	.....	— at Laour.	
109	.....	.....	Organic remains in Hima- laya. <i>Gerard.</i>	
182	.....	.....	— N. E. borders of Bengal,	
186	.....	.....	Ava, Burdwan Coal field,	
213	.....	.....
214, 216	Overlying rocks of India.	Diamond mines of Punna, <i>Franklin.</i>		
220	.....		
186	Petrifying water of the river Irrawadie,	Petroleum in Bengal.	.....
283	.....	.....	.....
295	.....	.....	.....
143	.....	.....	.....
213	Ferruginous Sandstone of Bud- dlecund,			
220	Serpentine of Ghatah,			
262	Strata at Ranigunj,			
143	.....		
212, 226	Trap formation of India, <i>Coult.</i> <i>hard.</i>	Tin ore from Tenasserim.		
II.	143 Geology of Bhurtpoor District,			
158	.....	Sandstone of Agra, <i>Boileau.</i>		
69	Kasia Mountains; Height of, <i>Fisher.</i>			
217	Coal field of Palamu,			

GLEANINGS IN SCIENCE.

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
164 Herbert.	Section of well in Dehra Dhon, Herbert.			
164 Herbert.	Accumulation of Diluvium in the Himalaya, Herbert.			
217 Franklin.	Researches for Coal, Franklin.			
41, 357 Franklin.	Directions for the guidance of Geological observations.			
70 India,	Desiderata in the Geology of India,	Minerals collected by E. Stir- ling, Esq., Prinsep.	Ammonites of Himalaya, Herbert.	Hot Spring of Katkum- sandi, Prinsep.
375		Singapoore Tin adulteration, Lead mines of Ajmere, Dixon.	.....	Ghazipoor Kunkur, Prinsep.
27 Structure of Sitalbuldi Hills, III.	Structure of Sitalbuldi Hills, III.	Amdeah Iron Works, Rose.	.....	Iron Sand from Rangunj, Prinsep.
332 Ajmere.	.....	Alum Works in Kutch, 269	.....	Graphite from Ceylon, Prin- sep.
111 Ajmere.	.....	.....	.....	Graphite of the Himalaya, Prinsep.
330 Ajmere.	.....	.....	.....	English Graphite, Prinsep.
384 Ajmere.	.....	.....	.....	Indian Coal, Prinsep.
281, 284 Ava, Falconer.	.....	.....	.....
125, 167 Fossilioues from Ava, Falconer.	.....	.....	.....

GLEANINGS IN SCIENCE.

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
III. 168 Journey to Yenang-Yening Ava. Mr. H. Bedford. 328	Iron works of Ferozepore, Copper works of Singhana,	Ava Fossil bones, <i>Falconer.</i>		
380		Biji kohar, p. 269, <i>Herbert.</i>		
130 Geology of Bankura.				
269 Fossil bones.				
124, 422 Boring for water, Calcutta. 1, 23, 33	Minerals of Rajmal, <i>Buchanan.</i> Minerals presented by Major Burney.	.....	Himalaya Fossils, <i>Everest,</i> from Gerard.	
283 Coal at Chirra Poonji, 283	China Coal, .....	.....	Fossil bones, <i>Webb.</i>	
28			Testudinous remains.	
125, 283	Coal from Ava, Hosseinaabad, .....	.....	Fossil Shells ; list, — Seeds ; Travancore,	
293				
30				
129 Journey to Ghazipoor, <i>Everest.</i> 207 On Sandstone, <i>Everest.</i>	.....	.....	Jaisulmir Limestone, Stalagnite of Kasia Cave, Stone for Lithography, Munipore Coal, Sohagapore Coal,	
270				
272				
422 Geology of Penang, <i>Ward.</i>	.....		
272				
283				
207, 209 Indian Sandstone, <i>Franklin.</i>	.....		
107				
421				
108				
283				
283				

GLEANINGS IN SCIENCE.

218

Gleanings. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
39 330	Indian Volcanos, <i>Humboldt.</i>	.....	.....	Platina from Ava, <i>Prinsep.</i>
III. 16	.....	.....	.....	Mineral Water of Tavoy, Hills, <i>Prinsep.</i>
17	.....	.....	.....	Mineral Water of Mahadeo, <i>Prinsep.</i>
17	.....	.....	.....	Mineral Water of Loree, <i>Prinsep.</i>
25	.....	.....	.....	Mineral Water of Athan, <i>Piddington.</i>
370	Pyritous Nodules of Pegue, Aerolite, <i>Capt. Rawlinson.</i>	.....	.....	Aerolite, <i>Rawlinson.</i>
370	.....	.....	.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
I.				Ava Minerals.
14	.....	.....	.....
16	.....	.....	.....	Fossil Bones, <i>Prinsep.</i>
456	.....	.....	.....	Ava Litharge, <i>Prinsep.</i>
305	.....	.....	.....
128	.....	.....	.....
145	Salt mines Punjab, <i>Burnes.</i>			Sevalik Fossil bones, <i>Fal. coner.</i>
450, 289	Gypsum of Himalaya, <i>Cautley. Everest.</i>		.....	.....
366	.....	.....	.....	Coal Kasia, <i>Cracraft.</i>
250, 252	.....	.....	.....

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
I. 249, 96 Devra Dhoon, <i>Royle</i> . 193 Landour and Masuri, <i>Fisher</i> . 503 Saline deposits, <i>Spry</i> . 98 Vegetable fossils, <i>Royle</i> . 248	Shells from Himalaya, <i>Everest</i> .	
II. 371 Calcutta Alluvium, Section. <i>Boring Committee</i> .	Analysis of Coal, <i>Prinsep</i> .	Limestone, <i>Vogsey</i> . Salajit, <i>Dr. Campbell</i> . Aluminous Sulphate, <i>Stevenson</i> . Ava Mines, <i>Burney</i> .	Bones, Hyderabad, Fossil. Jabalpur Caves, <i>Prinsep</i> . Bones of the Dodo or Dronet, from the Isle of France, <i>Teilfair</i> . Jumna Fossil Smith and Burt.	
263, 264, 368, 549, 596, 645,	Fossils Jumna, <i>Smith</i> and Ditto, Alluvium, <i>and</i> of Ganges, <i>Burt</i> .	
402, 482, 321, 22, 75, 77, 151, 205, 586, 622,	Coal Arrean, <i>Walters</i> .	Hoshungabad, <i>Ouseley</i> .
95		
632 648		
II. 629		
649		
263 433, 647		

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
264 267 549, 369	..... ..... .....	Moradabad, <i>Ravenshaw</i> . Peshawar, <i>Burnes</i> . Kyook Phyoo, <i>Foley</i> , Syung Khyong, <i>Wal-</i> <i>ters</i> .		
368 47 94 403 649	..... ..... ..... ..... .....	Oogadong, <i>Prinsep</i> . Mines of Sylibet, Copper Mines, Nellore, <i>Kerr</i> . Diamond Mines, <i>Vosey</i>	Bones at Dum-Dum, <i>Col-</i> <i>vin, J.</i>	Fossil bones of Gangetic Delta.
151, 205, 586 629, 632, 649 648, 94, 205 27, 583, 639	151, 205, 586 629, 632, 649 648, 94, 205 27, 583, 639	..... ..... ..... .....	Fossil bones, Shells, <i>Spry</i> . Zoology, <i>Nash</i> .	
475 298, 392 606 157	Everest's Remarks, — of Hyderabab, <i>Everest</i> . — of India, <i>Conybeare</i> . — of Tenasserim Archi-			
497 265 402 94	Geology of Mirzapur to Sagur, <i>Vosey</i> . — of Hyderabab, <i>Everest</i> . — of India, <i>Conybeare</i> . — of Tenasserim Archi- pelago, Coal from Kyook Phyoo, <i>Prin-</i> <i>sep</i> .	Gold mines of Mount Ophir, <i>Newbold</i> . Sand in Moradabad district, <i>Ravenshaw</i> . Iron mines, <i>Vosey</i> . Copper specimens, <i>Kerr</i>.	..... ..... ..... .....

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
III. 157 Rocks from Tenasserim, Captain Lloyd.	Mines of Ava, P. Guiseppe d'Amato.	.....	Fossil Shells, Sagar, Spry. — Elephant, Spilsbury.	
77 Caves near Hyderabad; Saline 75	Note on Salajit, Stevenson.	.....	Bones in Kunkur near Calpee Drs. Duncan and Leslie.	
376, 542, 639	Aerolite.	.....	Ammonites.	Salts, Ghazipore, Stephenson. Saline soil, Tirhoot, Stephenson.
586	303	.....	.....
605	36	.....	.....
623	188	.....	.....
413	303	.....	.....
303	36	.....	.....
303	188	.....	.....
40 Borings in Cutch.	Assam Limestone, Jenkins.	.....	.....
71-75 Hoshangabad & Baitool, Finney.	Southern India, Braddock.	.....	.....
194	295 Kasia Hills, Assam to Nun-klow, Cracroft.	.....	Fossil Bones, Ava, Burney and Captain McLeod from the Kyendwen River.	
	394 Valley of Nerbudda, Tendukheri and Baitool, Spilsbury.	.....	— Shells, Europe, Finney.	
365		.....	Fossils, Ancient town in Doobah, Cawley.	
365		.....	
223, 43		.....	

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
III. 527, 592 366	..... .....	Hosseinalbad, Coal, Bhoragurh.	Fossils, Sewalik, <i>Cautley</i> .	
395	.....		Fossil Bones, <i>Dean</i> .	
302, 590	.....		— Shells, <i>Lieut. Foley</i> .	
412	.....		— Bones Jumna, <i>Lt.</i>	
529	.....		<i>Smith</i> .	
365, 396	.....		— Elephant of the Ner-	
399	.....		buddla, <i>Spilsbury</i> .	
638	.....		— Buffalo of Hoseina-	
628	.....		bad, <i>Spilsbury, Princep</i> .	
301	.....		— Tooth from Nahun,	
302	.....		<i>Baker</i> .	
412	.....		— Impressions in Schist,	
41	Geology of Cutch,		<i>M'Celland</i> .	
238	——— South of Malwa.		— Shells from Van Die-	
71, 388	Geology of Nerbudda and		man's Land, <i>H. T.</i>	
293	Baitool Valley, <i>Spilsbury</i> .		— Princep.	
	— of the Kasia Hills,		— Hyderabad, <i>Mal-</i>	
	<i>Cracraft</i> .		<i>colmson</i> .	
463	.....		Fossil Shells of Ramree,	
			<i>Foley</i> .	
			— Bones, by <i>Feroze Shah</i> .	
				Gold Ore, Mysore, <i>Warren</i> .

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
III.	474 312 239 Neemuch, <i>Hardie.</i> 395 529 36 188	Gold Ore, Calicut. Coral, <i>Ousley.</i> Fossils, <i>Jumna, Smith.</i> Ghazipoor Soil, <i>Stevenson.</i>	Fossil Shells, <i>Malcolmson.</i> Sulph. Soda. Tirhoot, <i>Stephenson.</i>	
IV.	569 510 512 513 — 514 527 579 696 704 565, 698	Tufa formations, Persia, <i>Manteith.</i> Assam Coal, <i>Jenkins.</i>	Red Sea Water, <i>Prinsep.</i> Carbon. Magnesia, <i>Prinsep.</i> Tin from Malacca, <i>Prinsep.</i> Mineral Waters, <i>Prinsep.</i> Moulmein Mineral, <i>Prinsep.</i> Sulphate of Molybdenum, <i>Prinsep.</i> Rangoon Petroleum, <i>Prinsep.</i> Nellore Copper, <i>Prinsep.</i> Momea, or Mountain Chit-nee, <i>Piddington.</i>	
	413 Geology of Nilgiris, <i>Benza.</i> 530 Trappcan Rocks of Bombay, <i>Thomson.</i>		Sewalk Fossils, <i>Baker.</i>	
279	.....	Granitic Gold-washings, <i>Cawley.</i>		Fossil discoveries at Pinjore, <i>Cuttley.</i>
586	.....	.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological. Analyses.
IV. 56, 236, 651 295, 582	..... ..... ..... ..... ..... ..... ..... ..... .....	Nerbudda Coal, <i>Ouseley</i> . Copper Mines, Ajmere, <i>Dixon</i> . — Nellore, <i>Kerr</i> . — Singhana, <i>Stacey</i>	Fossil Bones, <i>Colvin</i> . Catalogue of Fossil Bones, <i>Falconer</i> . Ditto ditto, <i>Burney</i> . Ditto ditto, Betwa, Chunar. Fossil Buffalo's Head, <i>Dawe</i> . Sivatherium horn and vertebrae. — Elk, <i>Baker</i> . — Vegetables of Agates, <i>Stephenson</i> . Swatherium, <i>Falconer</i> , <i>Cant- ley</i> . Fossil Shells Kasia Hills, <i>McClelland</i> . Fossil Bones of the Great Himalayas, <i>Baker</i> . — Camel, <i>Baker</i> , <i>Synopsis Sewalik Fossils</i> , <i>Baker</i> .
236 267, 261 267, 495, 500 690 183, 179, 67	Jumna Alluvium, <i>Dean</i> . Visit to Gangotri, <i>Everest</i>. ..... ..... .....	..... ..... ..... ..... ..... ..... ..... ..... .....	Fossil Bones, Jumna, <i>Dean</i> . Catalogue of Fossil Bones, <i>Falconer</i> . Ditto ditto, <i>Burney</i> . Ditto ditto, Betwa, Chunar. Fossil Buffalo's Head, <i>Dawe</i> . Sivatherium horn and vertebrae. — Elk, <i>Baker</i> . — Vegetables of Agates, <i>Stephenson</i> . Swatherium, <i>Falconer</i> , <i>Cant- ley</i> . Fossil Shells Kasia Hills, <i>McClelland</i> . Fossil Bones of the Great Himalayas, <i>Baker</i> . — Camel, <i>Baker</i> , <i>Synopsis Sewalik Fossils</i> , <i>Baker</i> .
179 183 236 409, 506 507 517 520 565 694 706	..................................................	..................................................	..................................................
261 410	Doab Alluvium, <i>Dean</i> . Silicious Tufa, <i>McClelland</i>.	..........	..........

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
IV.				
433 435	Elevations of the Ghats, <i>Benza.</i> Northern Circars, <i>Benza.</i>			
532 540 575 699	Bombay. Malacea. Nellore. .....		..... ..... ..... .....	..... ..... ..... .....
497	.....	.....	Fossil Human Bones, (supposed.) <i>Denn.</i>	
680, 696 427, 433	Curious Salt, <i>Keramat Ali.</i> Questions on Latrite.	..... .....	Fossil Bones, <i>Spiisbury.</i>	
56	.....	.....	[<i>Venson.</i>] Pea Stalactite of Tibet, <i>Ste-</i> Stalactite of Little Tibet. Tin Mines of Malacca, <i>Newbold.</i>	
520 596 543 706	..... ..... ..... .....	..... ..... ..... .....	Synopsis Fossils of Sewalkis, <i>Falconer and Cantley.</i>	
272	.....	.....	Ores of Antimony, Moulmein, <i>Foley.</i>	
58	.....	.....	Shell of Gigantic Tortoise, <i>Col. Colvin, Fossils, Baker</i> and <i>Durand.</i>	
519	.....	.....	Fossil Shells of Assam, <i>Mc-</i> <i>Clelland.</i>	
291 486 579	..... ..... .....	..... ..... .....	Dadupoor Fossils, <i>Baker.</i> Fossil Rhinoceros, <i>Baker.</i> Carnivora, <i>Baker and</i> <i>Durand.</i>	
V.				

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
V. 661 739	Fossil <i>Sus</i> , <i>Baker</i> and <i>Durand</i> . — <i>Quadrumania</i> , <i>Baker</i> and <i>Durand</i> .	
110 Basaltic Tract near Nagpoor. 575 Specimens from Queda Coast, <i>Bland</i> .			Fossils, <i>Colvin</i> . <i>Sivatherium</i> , <i>Cautley</i> and <i>Falconer</i> . <i>Mastodon</i> Teeth and Head, <i>Cautley</i> . <i>Chirotherium</i> , <i>Falconer</i> and <i>Cautley</i> .	
52, 179 38, 39	Fossils presented, <i>Dawe</i> .	
294, 768	Fossil <i>Hippopotamus</i> , <i>Falconer</i> .	
127	Fossil Genera, Dadupur Col- lection, <i>Baker</i> and <i>Du- rand</i> .	
761 Geology of Concan <i>Lush</i> .			Fossil Shells of Munoor, <i>Mal- conson</i> . — _____ of Nirmul, <i>Mal- conson</i> . — _____ of Sylyhet, <i>Mc- Clelland</i> .	
184 111 Diamond District of Guldaphah, <i>Malcomson</i> .				
59			
266 Geology of Moulmein, <i>Foley</i> .				
291			
108			
121			
519			

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
V. 575	.....	.....	Clelland.	
127	.....	.....	— of Pulo Leda, Bland.	
768, 294	.....	.....	Wood of N. S. Wales,	
579	.....	.....	Cracrost.	
581	.....	.....	Mastodon, Cantley.	
582	.....	.....	Felis, Baker & Durand.	
518	.....	.....	Gulo, Baker & Durand.	
589	.....	.....	Canis Vulpes, Baker and Durand.	
826, 674	.....	.....	Bones from the Cape of Good Hope, Trotter.	
288, 373, 438	.....	.....	— from the Jum- na, Dean.	
			— from Nerbud- da, Spilbury.	
			— found at Perim.	
59	Specimens from Shekawati, <i>Fulconer.</i>			
437	Geology of Ava Specimens, <i>Hannay.</i>			
438	— Straits of Malacca.			
579	— Straits, Bland.			
59, 96	— Hyderabad and Nag- poor, <i>Malcomson.</i>			
260			Gold Mines of Jhompole, New- bold.	
115			Hot Springs of Cuddapah, <i>Malcomson.</i>	

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
288	.....	.....	Notes on Perim Fossils, <i>Hugel.</i>	
761	.....	.....	Notes on Perim Fossils, <i>Lush.</i>	
V. 294	.....	.....	Narrow-toothed Mastodon, <i>Cantley.</i>	
798	.....	.....	.....	Samar (or Sambur) Salt Lake, <i>Conolly</i> and <i>Stephenson.</i>
661	Specimens from the Abor Mountains, <i>McClelland.</i>			
V. 274	Section of Chandpoor Well, <i>Baker.</i>	Amber Mines of Ava.		
52, 54			Coal in Upper Assam, <i>Bigge.</i>	
243	.....		
234, 499	Boring Experiment, Calcutta.		Ava Fossils, newsite, <i>Burney.</i>	
786	— Section at Goga.		Shells from Chari Hills, Cutch, <i>Burney.</i>	
1099	.....		Fossil Batrachian of Sewalki Hills, <i>Cantor.</i>	
159	.....		
538	.....		Kemaon Minerals, <i>McClelland.</i>	
653	.....		Fossil Quadrupeds, <i>Cantley.</i>	
354	.....		
320	.....		
709	.....		
899	.....		
52	Chandpoor Starts, <i>Dawe.</i>			
488				

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
VI. 233 987, 240 709, 79	Elastic Sandstone, <i>Falconer</i>. ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	budda, <i>Spilsbury</i> . Sewalk Fossils, <i>Falconer</i> . Fossils Perim Island, <i>Fuljames</i> . Bones, East of Hurl-war, <i>Falconer</i> . [<i>Spilsbury</i>] — Bones, Jubbulpoor, — in the Fort, <i>Col. McLeod</i> . — from the Sewaliks, <i>Mr. W. Dawe</i> . <i>Basilosaurus, Harlan</i> .	
233	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	New Fossil Sites, Nerbudda Valley, <i>Spilsbury</i> .	
321	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	Minerals from Egypt, <i>Lt. Young</i> . Flexible Sandstone, <i>Plonden</i> . Coal and Iron Ore, Egypt, <i>Nesbit</i> .	
897	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	Amber Mines of Ava, <i>Hannay</i> . Jasper or Yu-stone of Ava, <i>Hannay</i>	[mains, <i>Lyell</i> . Note on Indian Organic Re-Fossils from Fort Boring, <i>Prinssep</i>
891	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	Serpentine Rocks of Ava, <i>Capt. Hannay</i>	
236	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....
276	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....
53	Geological Section near Delhi, <i>Dawe</i> .			

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
VII.				
152 403	Sounding Mountain in the Red Sea, <i>Wulstet.</i>	.....	Fragments of Sivatherium, <i>Col. Colvin.</i>	
487 699	Altitudes of Nepal Mountains, <i>Cheili Lohar.</i>	.....	New Fossil Sites, Nerbudda Valley, <i>Spilsbury.</i>	
234 153	Fort Boring, <i>Taylor.</i>		Hot Spring of Lohar Khond, <i>Wade.</i>	
1099	.....	.....	Fossil Hippopotamus, Ava, <i>Burney.</i>	
310	Visit to the Niti Pass, <i>Benson.</i>			
324	Regh Ruwan, <i>Burney.</i>			
466	Simla Specimens, <i>Dr. McLeod.</i>		Coal Specimens, <i>Burney.</i>	
848 658	.....	.....	.....
65	Coal Level, Indian Fields, <i>Mc-Clelland.</i>		Fossil Giraffe, <i>Cantley.</i>	
197 701	.....	.....	Table of Indian Coal, <i>Prinsep.</i>	
839	.....	.....	Coal in Tenasserim, <i>Helfer.</i>	
948	.....	.....	— Bidjugurh, <i>Osborne.</i>	
959	.....	.....	— Beds of Assam, <i>Mc-Clelland.</i>	
964	.....	.....	— of Syhet, <i>Mc-Clelland.</i>	
934	.....	.....	— of Behar, <i>Mc-Clelland.</i>	
621, 625	.....	.....	Copper Mines of Kemaon, <i>Drummond.</i>	
			Gold washings, Assam, <i>Jenkins.</i>	

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
VII.				
363 152	Section of a hill in Cuttack, <i>Kittoe.</i>	Salumba Salt, <i>Gubbins.</i>		
521 Koh i Daman, <i>Lord.</i>				
521 Hindoo Koosh, <i>Lord.</i>				
521				
69 Geology of the Kasya Moun- tains, <i>McClelland.</i>	Ghorband Mines, <i>Lord.</i>			
82 ² 137	..... .....	Aerolite from Ougein. Coal and Iron Mines of Tal- cheer, <i>Kittoe.</i>	Fossil Shells in Saugor & Nerbudda Territories, <i>Spilsbury.</i>	
VIII.				
385 471	Coal Field of Tenasserim, <i>Helper.</i>	Report on the Copper Mine of Kemion, <i>Glasfurd.</i>	Fossil Sites on the Nerbud- da, <i>Spilsbury.</i>	
708	.....	.....
950	.....	.....
1037	Geology of the country between Bhar and Simla, <i>Jameson.</i>			
1057	.....	Process of washing for Gold Dust and Diamonds at Hee- rakhond, <i>Ouseley.</i>		
683	.....	Smelting of Iron Ore of Burd- wan, <i>Jessop and Co.</i>		
IX.				
30	.....	Copper in Luz near Bela, <i>Capt De la Hoste.</i>		

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
IX. 134 Journey from Kurrachee to Hinglaj in Luz, <i>Capt. Hart.</i>				
555 Trip through Kunawur, Hung-rung and Spiti, <i>Lieut. Hutton.</i>				
198				
625	Fossil Alcyonites, <i>Dr. Spiersbury.</i>	
1126	Fossil Shells of Bajgah, Afghanistan, <i>Lieut. Hay.</i>	
947 Expedition in the Naga Hills, <i>Lieut. Grange.</i>				
973 Museum of Economic Geology of India, <i>Capt. Tremenheere.</i>				
889 Notes from Brimian Ghast to Umurkuntuk, the source of the Nerbudda, <i>Dr. Spiersbury.</i>				
808 Syhet, Kachar, &c. <i>Capt. Fisher.</i>				
677 Boring Committee of Fort William, Report Abstract, <i>Col. McLeod.</i>				
1128	Coal at Hazareebag, <i>Dr. Dunbar.</i>	
1141 Report on proposed Museum Economic Geology, <i>H. Fiddington.</i>				
X. 1 Route to the Sources of the Punjab Rivers, <i>Lieuts. Broome and Cunningham.</i>				

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaontological.	Analyses.
X. 341	.....	Coal at Kotah, and Anthracite at Duntinnapilly, Dr. W. Walker.	Coal at Bullea near Hazaree- bagh, Dr. Dunbar.	
126 300	Naga Hills, Notices, <i>Lieut Bigge.</i>			
386, 471	Geology of Hunumkoondah, Nizam's Territory, Dr. Walker.		Kaolin Earth of Mysore, Capt. J. Campbell.	
349, 419	Report on Cheduba, Capt. Halsted.	.....	Mines and Mineral Resources of Northern Afghanistan, Capt. Drummond.	
163		.....	Limestones from Cachar, H. Piddington.	
74		.....		.....
751		.....	
677	Cataclysm of the Indus, No- tice, Dr. Falconer and H. Piddington.			
105	Journey to the sources of the Punjab Rivers, Lieut. A. Cunningham.			
159		Soda Soils of the Barramahal, Capt. Campbell.		
436		.....	.....	.....
447		.....	Report on Soils from Cheduba, H. Piddington.	

Sea Island Cotton Soil from
Cheduba, H. Piddington.

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
X. 198 Valley of the Spiti and Kot- ghur, <i>Capt. Hutton.</i>	Fossils in the Valley of the Nerbudda, <i>Dr. Spilsbury.</i>	
626	Fossil Elephantine Jaw, sent by <i>Dr. Spilsbury</i> from Jub- bulpore, <i>H. Piddington.</i>	
620		
952	Manganese of Mergui, <i>Capt. Tremenheere.</i>		
779 Museum of Economic Geology for the N. W. Provinces, <i>Lieut. Baird Smith.</i>	Porcelain Clay at Mangalore, <i>Dr. Christie.</i>		.....
967			
797, 977 Report on Afghanistan, <i>Dr. Griffith.</i>			
518 Report on Indus, <i>Lient. Wood</i>			
939			
845		Tin of Mergui, <i>Capt. Tremen- heere.</i>	
XI. 1 Supposed coal of Kalabagh, <i>Dr. Jameson.</i>		Tin of Mergui Addl. Report, <i>Capt. Tremenheere.</i>	
24		Notes on Do., <i>Dr. McClelland.</i>	
217		On the Manufacture of Steel in Southern India, <i>Capt. Campbell.</i>	

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
XI.				
289	.....	Concluding Notes on Tin of Mergui, <i>Capt. Tremehere.</i> Correspondence on Do., Go- vernment.		
326	.....	Circular of Museum of Econo- mic Geology <i>H. Piddington.</i> Descriptive Catalogue of Spec- imens from Aden, Mt. Sinai and Egypt, &c., <i>Capt. New- bold.</i>		
322	.....		
1131	.....		
1157	Visit to Melum and the Oonta Dhoora Pass, <i>Capt. Manson</i> <i>and T. H. Batten, Esq. C. S.</i>	Report of the Mineralogical Survey of the Himalaya Mountains, <i>Capt. J. D.</i> <i>Herbert.</i>	Ores from the Kutturbaga Iron Mine, Sumbulpore Dis- trict, <i>C. L. Battington.</i>	.....
Extra No.				
78	Journal of a Trip to the Bulcha and Oonta Dhoora Passes, <i>Lieut. J. A. Weller.</i>	.....	
164				
183	Report of deputation to ex- amine the Inundation of the Indus, <i>Dr. Jameson.</i>	.....	
236				Of Iron Ores from Tavoy and Mergui and Limestone from Dr. A. Ure.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
XI. 253	.....	Asphaltum Rock and Asphaltite, <i>Capt. Goodwyn, B. E.</i>		
363	Journey from Soobathoo to Shipke, <i>Lieut. Gerard, B. A.</i> Geology of Bundelkund and Jubbulpore, <i>Dr. J. Adam.</i>	.....	
471	.....	.....	.....
723	Coal Field of the Dammoodeah Valley, <i>J. Homfray.</i>	Contributions to a History of the development of Mineral Resources of India, No. I., <i>S. G. T. Healy, Esq.</i>	Building Materials of District of Cuttack, <i>Lieut. Rigby,</i> <i>B. E.</i>	
811	.....	.....	Second Report on Tin of Mer- gui, <i>Capt. Tremenheere.</i>	
836	.....	.....	Iron of the Kasia Hills, <i>Lieut</i> <i>Yule.</i>	
839	.....	.....
853	.....	.....
929	Geological Notes, Bellary to Bijapore, <i>Capt. Newbold, M.</i> N. I.			
941	Ditto ditto Bijapore via Kan- nighini, <i>Capt. Newbold.</i>			
254	Cotton soil from Kurnaul, <i>Capt.</i> <i>Newbold.</i>			
256	Mud Volcano of Khyook Phyoo. <i>Capt. Howe.</i>			

Journal A. S. Vol. Page.	Geological.	Mineralogical:	Palaeontological.	Analyses.
XII. 333	.....	Copper Ores on Round Island Cheduba Archipelago, <i>Major Williams.</i>		
453	.....	Report on Copper Mines of Pokree in Ghurwal, G. S. <i>Lushington, Esq. C. S.</i>		
521	Note on Jowahir and Nectee Passes, <i>Capt. Boys.</i>			
523	Visit to the Pakchan River, Siam Boundary, <i>Capt. Tremehere.</i>	Contributions to a History of the Mineral Resources of India, No. II, <i>Healy.</i> Galena from Chota Nagpore, <i>Piddington.</i>	On a Fossil Antelope, <i>Dae-</i> <i>doopore Museum, Baker.</i>	Sulphur from Kurrachee, <i>Capt.</i> <i>Pressey.</i>
542	.....	Supplement to Report on Cop- per mines of Pokree, <i>Lush- ington.</i>	.....	.....
736	.....			.....
769	.....			.....
769	.....			.....
832	Sub-Marine Volcano, Arracan, <i>Major Williams.</i>	Sulphur from Kurrachee, <i>Capt.</i> <i>Pressey.</i>		Sulphur from Kurrachee, <i>Piddington.</i>
833	.....			Native Copper from Round Island, <i>Mornay.</i>
834	.....			.....
904	.... . . . .			.....

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
XII.				
907	Earthquakes in Upper Assam, <i>Hannay.</i>			
914	Proposed examination of Round Island, Arracan, <i>Piddington.</i>			
1014	Ditto ditto and letter to Go- vernment, <i>H. Torrens, Esq.</i> <i>C. S.</i>	.....	Catalogue of specimens from the Bombay Presidency.	Effects of Sea-water on Iron, <i>W. B. O'Shaugh-</i> <i>nnessy, M. D.</i>
1025		.....	.....	.....
1029	Memoir on Indian Earth- quakes, <i>Lt. Baird Smith.</i>	.....	
1114	Instructions for Steamer visit- ing the Chedoooba Groupe, <i>Piddington:</i> and Report by <i>Capt. Russell.</i>	.....	Indian Lithographic Stones. Heerapore Iron Ores, <i>Capt.</i> <i>Oldfield.</i>	
1120 Proc. vi.		.....	
171	Geological Map of Capt. Her- bert's Survey.			
172	Notes on Moorcroft's Travels in Ladakh and Gerard's Ku- maon, <i>Lt. J. D. Cunningham.</i>			
313	Fossil Deposit, Kunkar, and Thermometrical Temperature of Southern India, <i>Capt. Newbold.</i>			
				Corundum Stones, <i>Pidding-</i> <i>ton.</i>

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
XIII. xxxvi. Volcanic Island, Arracan, <i>Major Bogle.</i> xxxvii. Catalogue Geological Specimens from Western India, <i>Bombay Society.</i>	Lithographic Stone, <i>Capt. Stewart.</i>	Red Sandstone from Nur-noor, Southern India, <i>Piddington.</i>	
336 lx.	Osseous Breccia and Deposit of Billa Soorgum, Southern India, <i>Capt. Newbold.</i>	
734 Capt. Herbert's tour from Almorah through Kumaon and Ghurwal, <i>J. H. Batten, C. S.</i>	Notes on Neruddah Fossils, <i>Spilsbury.</i>	Loheidolite, <i>Piddington.</i>	
765 cxvii.	Loheidolite, <i>Piddington.</i>	
853 Extracts from <i>Dr. Voysey's Journals, No. 1, Geological.</i>			
862 Remarks from Benares to Barrackpore, <i>Dr. T. Row.</i>			
880	Aerolites from Kandeish, <i>Abbot—Piddington.</i>	
964 On Indian Earthquakes, <i>Baird Smith.</i>				

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses.
XIII. 984 Notes from Masulipatam to Goa, and on Rengur and Lar- terite, <i>Newbold.</i>	.....	Rajarrah Coal specimens, <i>Sher- will.</i>		
cxiv.	.....	Corundum, <i>Sherwill.</i>		
xxvii.	.....	Agalmatolite, (Samy Stone,) <i>Major Williams.</i>		
XIV. xv.	Hot springs of Chittagong, <i>Ince.</i>		.....
xviii.	Submarine Volcano, Arracan, <i>Williams.</i>			
xix.	Notes from Madras to Goa, <i>Newbold.</i>	.....	
497				
lxxxv.				
604	Register of Indian and Asiatic Earthquakes, <i>Baird Smith.</i>			
641	Notes from Mangalore to Ma- dras, <i>Newbold.</i>	.....	
754				
756	Agate Splinters, on the Banks of the Nerbudda, <i>Abbott.</i>			
759	Notes on Southern India, Pon- dicherry to Beyapore, by the Palgatcherry pass, <i>Newbold.</i>			
cxi.	Limestone Deposit at Trevan- drum, <i>Gent. Cullen.</i>			

Lignite from Assam, *Pid-
dington.*

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses.
XIV. 817 Assam Petroleum Beds, <i>Han-nay.</i>				
821 Granite in the bed of the Ner-budda, <i>Abbot.</i>				
217 Glacier, Ice-berg, and Wave Theories in Southern India, <i>Newbold.</i>				
268 Notes on the Southern Mah-ratta Country, <i>Newbold.</i>				
329				
354 Notes on the Nerbudda with map, <i>Ouseley.</i>				
398 Notes from Kistnapatam to Honawur and falls of the Gairsuppa, <i>Newbold.</i>				
442 On Kunkur formations, <i>Ab-bott.</i>				
XV. lxiv.	Graphite from Travancore, <i>Genl. Cullen.</i>		
471	Pokree and Dhamapore Copper Mines, <i>S. Reckendorf.</i>		
495 Sandstone at Sasseram in Sha-habad, <i>Sherwill.</i>				
55 Geological features of Zillah Behar, <i>Sherwill.</i>				
204 Notes from Pennaur to Pon-dicherry, <i>Newbold.</i>				
224 — on the Western Coast of Southern India, <i>Newbold.</i>				

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaontological.	Analyses.
XV. 315 Notes from Seringapatam by the Hegulia pass to Cannanore, Newbold.				
380 — from Koompta to Cum-bum and Chittoor, Newbold.		Ore of Cerium from South-ern India, <i>Piddington.</i>
				Lead and Antimony from Hisato, <i>Piddington.</i>
				Atmospheric Dust, from Shanghae, <i>Piddington.</i>
VII. 193			
226 Excursion to the Pindree Gla-cier, Madden.				
279 Notes on Zillah Shahabad, Sherwill.			
266			Gold Washings from the sands of the Beyass, Abbott.
369			
371			Tremenherite, <i>Piddington.</i>
380 Eruption on the Banks of the Nerbudda, Lt. Briggs.				Volcanic Coal from Arracan, <i>Piddington.</i>
392 White sea. Mr. G. F. Pearson.				
477 Notes from Gooty to Hydrabad, Newbold.				

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses and Examinations.
XVI. 499 Notice of a Volcanic Island on the Coromandel Coast, <i>Annual Register of 1758, Piddington.</i>				
619 } Geology of Singapore, J. R. Logan, Esq. M.D.				
667 } 711	.....	.....	.....	Ferruginous Spherules from Bundelcund, <i>Piddington.</i>
713	.....	.....	.....	Deo-Moonees of Assam, <i>Piddington.</i>
717	.....	.....	.....
794	Glaciers of the Pindur, Kumaon Himalaya, (map, p. 1002). <i>Lt. Strachey, B.E.</i>			Coal from Junkseylon, Government of Bengal.
1129				
1135	Geological and Mineralogical Observations, Huzaree District, Abbott.			Newboldite, <i>Piddington.</i>
1138				
1266	.....	.....	.....	Fossil bones near Subathoo, Vicary.
XVII. 57	Angami Naga Hills, J. W. Masters.			
59		.....	.....
89 } 489	Coal Beds in the Namsay Hills, <i>Capt. J. E. Rogers, I. N.</i>		.....	Ball Coal of Burdwan, 1st Notice, <i>Piddington.</i>

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses and Examinations.
XVII. 137	On probable Metalliferous deposits in the Sub-Himalayas, <i>R. H. Irvine, M. D.</i>			
151		Notice of the Great Diamond in the possession of the Nizam, <i>Piddington.</i>		
167 } Part I.	Coal on the Booree Dehing River, Assam, <i>Major Ham-</i> <i>nay, B. N. I.</i>	.....	.....	Cannel Coal from the Booree Dehing, <i>Piddington.</i>
168		.....	.....	Cobalt from Jyepoor, <i>Pid-</i> <i>dington.</i>
201	Trip to Kuka and Lahul, <i>Cum-</i> <i>ningham.</i>	.....	
230	Inundation of the Indus, <i>Ab-</i> <i>bott.</i>			
281	Kohistan of the Jullunder Doab, <i>Lt. W. H. Parish,</i> <i>B. A.</i>			
324	What to observe in the Himalaya, <i>Humboldt.</i>			
XVII. 203 } Part II.	Motion of the Pindur Glacier, <i>Strachey.</i>			
	Temperature of the Hot-springs at Pur Mungul, <i>Major Baker.</i>			
355	Observations on the Grand Trunk Road, <i>J. D. Hooker,</i> <i>M. D.</i>			

Journal A. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses and Examinations.
XVII. 500 } Report on the Salt Range, A. Part. II. } <i>Fleming, M. D.</i>	Meteoric Iron from the Kur- ruckpore Hills, <i>Piddin- ton</i> .
538	Remarks on Ball Coal, <i>J. Homfray</i> .
584 Eastern District of Egypt, <i>Hekheyan Bey.</i>	Coal from the Prisco Pit, Newport, S. Wales, <i>Pid- dington</i> .
703	•	Supplementary Note on Capt. Sherwill's Meteoric Iron, <i>Piddington</i> .
XVIII. 170 } Part I. }	
171	
172 Earthquakes in Assam, <i>Major Jenkins</i> .				
287 Snow Line Himalayas, <i>Stra- chey</i> .				
360 Trip through the Kohistan of the Jullunder, <i>Parish</i> .				
410 Deviation of the Compass near Saugor, Bundecund, <i>Pid- dington</i> .				

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses and Examinations.
XVIII. 412 Part I.]	.....	.....	.....	Ball Coal of the Burdwan Mines, Second Notice, Matrix Coal, <i>Piddington.</i>
66 Trip to Pind Dadun Khan on the Salt Range, <i>Dr. Fleming.</i> 694 Note on Perpetual Snow Line, <i>Cunningham.</i>				
761 Physical Geography of the Himalayas, <i>Hodgson.</i> 954 Snow Line of the Himalaya, <i>Hutton.</i>				
XIX.				
75	.....	Ball Coal of the Burdwan Mines, Third Notice, <i>Piddington.</i>	.....	Analysis of Ball Coal, Third Notice, <i>Piddington.</i>
77	.....	.....	.....
77	.....	Iron of the Dhunakar Hills, <i>Torrens.</i>	.....
79	Trip to the Niti Pass, <i>Strachey.</i>			
136	Note on Patna Boulders, <i>Capt. Ommannay, B. E.</i> See also p. 488, <i>Piddington.</i>			
139	Coal Strata of Wadi Araba, Eastern Egypt, <i>Hekhey'an Bey.</i>		.....	Orange-Yellow Earth from Sikkim, <i>Piddington.</i>
143			.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses and Examinations.
XIX. 145	.....	.....	.....	Calderite, a new rock, <i>Piddington.</i>
156	.....	.....	.....	Coal from Laboan, <i>Piddington.</i>
190	Extracts from Dr. Voysey's Private Journal No. II.			
212	.....	Zinc Mines of Jawar, <i>Capt. J. C. Brooke.</i>		
217	Formations and Lead Mines of Kohil-el-Terrafch, <i>Hekke- kyan Bey.</i>			
269	Extracts from Dr. Voysey's Private Journal, No. III.			
302	On the General Descent and Upheaval in the Northern Hemisphere, <i>Dr. G. Buist.</i>			
429	Report on the Spiti Valley, <i>Capt. W. C. Hay.</i>			
452	.....	.....	.....	Haughtonite, a new Mineral, <i>Piddington.</i>
488	.....	.....	.....	Corundum and Fibrolite, <i>Piddington.</i>

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses and Examinations.
XX.	.....	Argentiferous Copper Ores and <i>Pacos Deoghur Mines, Piddington.</i> 1st Notice.	.....	Examined, <i>Piddington.</i>
207	Calderite Rocks, Series of them, <i>Piddington.</i>	Mica Mines of Behar, <i>Capt.</i> <i>W. S. Sherwill.</i>	.....	Coal from Afzulpoor, <i>Piddington.</i>
295	.....	.....	.....	Coal from the Mootee Jhurna Falls, <i>Piddington.</i>
365	.....	.....	.....	Shalka Meteorite, <i>Piddington.</i>
544	Tour through the Rajmahal Hills, <i>Sherwill.</i>	.....	.....	.....
366	.....	.....	.....	.....
502	Turan Mall Hill, Report on it, <i>Capt. Thurburn.</i>	.....	.....	.....
299	.....	.....	.....	.....
192	Showers of Sand in China, <i>Dr. D. J. Macgowan.</i>	.....	.....	.....
367	.....	.....	.....	Argentiferous Lead from the Bor Kamptee Country; <i>Piddington.</i>
367	.....	.....	.....	Turquoises from Mt. Sare- bat Red Sea, <i>Piddington.</i>
XXI. 403	Apparatus for distilling Mer- cury from Amalgams, <i>Pid- dington.</i>	.....	.....	Graphite, Darjiling, <i>Sherwill.</i>
538	.....	.....	.....	.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses and Examinations.
XXI. 74	.....	.....	.....	Argentiferous Ores of Deo- ghur, Second Notice, <i>Piddington.</i> Examined, <i>Piddington.</i>
76	.....	.....	.....
407 } 477	Journey through Sikkim to the Frontiers of Thibet, <i>Dr. A. Campbell.</i>	Hircine, a New Mineral Resin, <i>Piddington.</i>	.....
XXII. 279	.....	Hircine Supplementary Notice, <i>Piddington.</i>	.....	Examined, <i>Capt. James,</i> 198.
484	.....	Iron Mines of the Ranseegunge District, <i>Major Baker</i> and <i>Professor Oldham.</i>	.....	Laterite, <i>Piddington.</i>
511	Gold Fields of Upper Assam, <i>Major Hannay.</i>	.....	.....	Examined, <i>Piddington.</i>
196	Laterite near Rangoon, <i>Capt. C. B. Young, B. E.</i>	.....	.....
206	Report on Laterite and La- tentous Clays from <i>Capt. C. B. Young, Piddington.</i>	.....	.....
207	.....	.....	.....
540 } 611	Geology of the Sikkim Him- laya Mountains, <i>Capt. W. S. Sherwill.</i>	.....	.....
229 } 333 } 444	Geological Structure of the Salt Range of the Punjab, &c. <i>Dr. A. Fleming.</i>	.....	.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses and Examinations.
XXII. 311	.....	.....	Fossiliferous Limestone and lignite from Garbee, Dr. Cantor.	Examined, Piddington.
311	.....	Copper Ore from the Barragunda Mines, Hazareebagh, Mr. Mackenzie, Piddington.	.....	312 Examined, Piddington.
313	.....	Jet Coal from the Teesta near Darjeeling, Dr. A. Campbell, Piddington.	.....	(314) Examined, Piddington.
283	Travels in Central Asia, Gardner.	.....	.....	Coal from Darjeeling, 4 specimens, Piddington.
XXXIII. 381	.....	.....	.....	Coal from Ava, 2 specimens, Piddington.
714	.....	.....	.....	Examined, Piddington.
477	.....	Copper Ores from Darjeeling, Campbell.	.....
651	Notes on the Geology of the Punjab Salt Range, W. Theobald, Junr.	Iron Ore of Korana, Dr. Fleming.	.....	Examined, Dr. Fleming.
92	.....	.....	.....
201	Coal on the Sivok Nuddee near Darjeeling, Prof. T. Oldham.	.....	.....	Four Specimens of Coal from Darjiling, Piddington.
381	.....	.....	.....	Coal from Ava, Piddington.
714	.....	.....	.....

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palaeontological.	Analyses and Examinations.
XXIII. 477	.....	.....	.....	Copper Ores from Darjiling, <i>Piddington.</i>
92	.....	.....	.....	Iron Ore from Karana, <i>Dr.</i>
170	.....	.....	.....	<i>A. Fleming.</i>
283	Silt in suspension in the water of the Hooghly, <i>Piddington.</i>	.....	.....	Nepaulite, <i>H. Piddington.</i>
263	Geology of the Rajmahal Hills, <i>Proj. Oldham.</i>	.....	.....
103	Geology of Singhbhum, <i>Capt.</i> <i>Haughton.</i>	Mineralogical resources of Singhboom, <i>Capt. Haughton.</i>	.....	Copper Ores from the neigh- bourhood of Darjiling, <i>Piddington.</i>
205	Milky Sea, <i>Capt. Bowen.</i>	.....	.....
208	.....	.....	.....
399	Fossils and Minerals from Kateru in Rajamundry, <i>W.</i> <i>Elliott, M. C. S.</i>	.....	.....
400	On the Peats of Bengal, <i>Pid-</i> <i>dington.</i>	.....	On Iron Ores, washings and smeltings in India, <i>Pidding-</i> <i>ton.</i>	
402	.....	.....	.....
403	.....	.....	.....	Coal from the Teesta and Mahanudi (Darjiling), <i>Piddington.</i>
746	.....	.....	.....	Meteorite from Segowlee, <i>Capt.</i> <i>W. S. Sherwill.</i>
651	Geology of the Salt Range of the Punjab, <i>W. Theobald.</i>	.....	.....

JOURNAL OF THE ASIATIC SOCIETY.

Journal A. S. Vol. Page.	Geological.	Mineralogical.	Palæontological.	Analyses and Examinations.
XXIV. 212	Burdwan Kunkur and smeltings of Iron Ore with them, <i>Piddington.</i>
283	Coal from Chirra Punji, <i>Piddington.</i>
347	Age of the Coal Strata in Western Bengal and Central India, <i>Rev. S. Hislop.</i>	.....	.....	Coal from Talcheer in Cuttack, <i>Piddington.</i>
240	Graphite of Kemaon and Travancore, <i>Dr. Royle.</i>
203	Lt. Short's Gold Dust and Sands from Midnapore, <i>Piddington.</i>
248	Coal fields of Talcheer in Cuttack, <i>E. A. Samuels, B. C. S.</i>	.....	.....	Artificial Bricks, <i>Piddington.</i>
250	Burdwan Paving Stone, <i>Piddington.</i>
704	Copper Ore in slags, <i>Messrs. Bath and Sons, Piddington.</i>
704	Darjiling Copper Ores, <i>Dr. Campbell.</i>
706	Iron Ore Kunkurei and Palleyra in Cuttack, <i>Piddington.</i>
707	
708	

APPENDIX D.

TABLE OF INDIAN COALS ANALYZED AT THE CALCUTTA ASSAY OFFICE, INCLUDING THOSE PUBLISHED IN THE GLEANINGS IN SCIENCE, SEPTEMBER 1831, ARRANGED ACCORDING TO LOCALITIES EXTRACTED FROM THE REPORT OF THE COAL COMMITTEE; BY MR. JAS. PRINSEP. JOURNAL, VOL. VII. p. 197.

No.	Locality.	Quantity.	Composition on 100 Parts.			
			S.p. Gravity.	Volatile Matter.	Carbon	Ash.
1	Burdwan, Raniganj.	Slaty Coal,	1.331	8.0	39.5	14.6
2	Ditto.	1831	8.2	41.5	45.2	24.0
3	Ditto.	1836	1.362	32.8	54.0	13.3
4	..... ?	September,	1.362	6.4	30.0	13.2
	Raniganj.	April,	1.450	6.3	31.6	24.5
5	Chinakuri.	April,	1.310	37.1	55.2	18.4
6	Jherria, S. of Damuda.	April,	1.340	8.0	32.5	13.9
7	Adjai, near the foregoing.	Slaty Coal, April,	1.220	18.0	61.1	9.5
8	No. 1. from Mr. Erskine,	1838				
	October,	1837	1.403	4.2	34.0	45.4
9	No. 2.	1837	1.396	5.2	37.0	20.6
10	Ditto. March,	1837	1.424	5.9	34.4	16.0
	April,	1837	1.260	insuffi- cient.	44.7	20.9
11	Palamoo.	Slaty,	1.482	9.1	37.4	16.8
12	Ditto.	Without lustre,	1.419	7.1	52.1	14.9
13	Ditto.	By Mr. Homfrey, July,	1837	7.9	54.1	9.5
14	Ditto.	Do. Anthracite, Ditto.	1.442	29.4	63.3	7.3
15	Amarath.	Do. Anthracite, Ditto.	1837	1.447	7.9	11.5
16	Bülgigarh.	Minute specimen, received Ap.	1837	2.5	83.1	9.0
			1.260	7.2	85.6	10.8
				..	7.2	8.4
			

TABLE OF INDIAN COAL—Continued.

No.	Locality.	Quantity.	Composition on 100 Parts.			
			Volatile Matter.	Carbon	Ash.	Calculated per centage of Ash in Coke.
17	Nerbudda	Hoshungabad.	1831	27.0	58.0	15.0
18		Nimbuagarh.	1833	3.5	14.0	64.0
19	Sohanpoor.	Ditto.,	1831	6.0	25.0	66.0
20	Wardariah.	Ditto.,	"	1.457	7.8	33.7
21	Rajmahal	Ditto.,	"	1.540	10.0	32.0
Cuttack	Talcheer, best.	Slaty dull April,	1838	1.250	38.7	51.2
	Do. inferior.	Glossy, friable,	"	1.450	36.2	21.9
	Hinglai.	Anthracite Slate,	"	2.416	16.0	74.0
	Do. best.	Dull with bright seams,.....	"	1.477	36.4	39.6
	Jacoraia, Ditto.	Ditto.,	"	1.527	32.6	35.9
	Upper streams.	Lignite,	1835	1.226	63.1	29.6
22	Assam	"	1.196	56.9	31.1	7.3
23	"	"	"	62.8	29.0	12.0
24	"	"	1.223	39.9	58.1	8.2
25	"	February,..	1837	1.244	3.8	2.0
26	"	"	"	1.312	15.1	47.7
27	"	July,.....	"	1.320	19.8	3.4
28	"	"	"	1.284	2.1	44.1
29	"	"	"	1.260	2.4	43.9
30	"	"	"	1.445	5.9	43.4
31	Partly silicified,	June,.....	"	1.392	50.0	22.7
32	Silhet Kasya Hills,	Chirra.	1831	1.310	7.0	33.9
33	Ditto.	"	1.520	12.3	37.1	5.1
	Good Coal,	"	"	62.0	44.9	11.3
	Slaty Bituminous	"	"	53.4	53.4	8.2
						13.3

TABLE OF INDIAN COAL—Continued.

No.	Locality.	Quantity.	Composition on 100 Parts.				Calculated per centage of Ash in Coke.
			Volatile Matter.	Carbon	Ash.	Water expe- led on Sand- bell per cent.	
34	Silhet Kasya Hills, Chirra.	Lignite, Brown friable like peat	June, 1832	7.5	45.0	53.0	3.0
35		Brown Coal,	1831	36.0	63.6	29.2	7.2
36	Laour.	Ditto, lighter Slaty,	"	10.1	44.4	41.1	14.5
37		Friable bituminous,	"	2.8	58.8	28.6	26.1
38		Bituminous Shale,	"	7.1	42.2	41.0	12.6
39		Jet Coal,	"	2.042	22.0	26.0	30.5
40	Ava, Kuenduen River.	Lignite,	"	8.0	40.0	54.1	16.8
41		Good Coal,	"	5.0	54.5	43.0	2.5
42	Manipur Tankkick.	Lignite,	"	6.2	39.3	49.7	5.5
43	Arracan Sandonag.	Coal,	May, 1833	1.308	66.4	33.0	11.0
44	Syney Kong.	Lignite,	Nov., "	37.1	60.5	0.6	18.1
45	Oogadong.	Silicified Lignite,	"	63.0	35.5	2.4	1.8
46	Phurings.	Lignite,	April, 1838	3.2	4.3	92.5	
47	Himalaya, Kenoan.	Ditto. with pyrites,	"	47.2	49.5	3.3	
48	Mordabad Hills, near Hurdwar.	Average of Balia, Herbert.	"	31.9	40.1	78.0	
49		Impregnated with pyrites,	"	1.968	35.4	50.0	14.6
50		Lignite of Kheri,	1831	1.343	51.0	40.2	8.8
51	Nahun.	From Mr. Dawe, Canal Dep.	"	21.0	56.0	37.3	17.9
52	Peshawer, near the Indus.	Bituminous Shale,.....	1.502	13.1	44.0	41.7	6.5
53	Cutch.	.....	1.670	.....	37.0	6.2	14.8
54	Travancore.	Fossil Seeds, like Almond, .....	.....	.....	56.8	56.8	
55	400 Feet below the surface,.....	.....	.....	.....	56.8	56.8	
56	Gogah, Guzerat.	Ditto.	1.200	52.0	45.0	3.0	6.2
57	Calcutta Alluvium.	Peat 20 feet from surface, Canal,	?	59.2	35.1	5.7	
58	Darjeeling, Sikkim.	Black peat earth, .....	.....	62.0	16.7	21.3	
59	Singapur Mangrove Wood.	Used in steamer,	0.733	11.0	23.8	76.2	
				80.3	18.9	0.8	

COALS IMPORTED INTO CALCUTTA, ANALYZED AT THE CALCUTTA ASSAY OFFICE.

No.	Locality.	Quantity.	Composition on 100 Parts.			Ash per cent. in Coke	Per cent. of Water expel- led on Sand- ing
			Volatile Matter.	Carbon	Ash.		
1	Syrian Coal, Red Sea.	With much pyrites,	1.335	42.1	34.2	23.7	
2	New South Wales.	1837	1.277	37.0	58.4	4.6	7.9
3	V. D. L. Hunter River.	1831	1.277	38.0	60.1	1.9	3.1
4	China.	Mr. Crocroft's Sp.,	1.360	4.9	28.4	64.6	7.0
5	English Pit Coal.	Glance Coal or Anthracite, ..	1.282	3.0	7.0	91.6	1.4
6		Imported in	1831	1.273	1.5	29.0	69.4
7		On large scale,			25.0	1.6	2.3
8		November, ..	1836	1.270	73.0	2.0	2.6
9		" December, ..			32.2	73.0	4.8
10		" " February, ..	1837	1.352	29.7	64.7	3.1
11		" " May,		4.1	35.0	69.5	0.8
12		" " June,			26.5	63.6	1.4
13		" " July,			73.2	73.2	2.2
14		" " December, ..			0.3	0.3	0.4
15					31.8	61.0	11.9
16					40.5	54.2	5.3
17					34.4	63.8	9.8
					35.1	62.8	2.8
					29.1	62.8	2.1
					31.5	67.3	3.3
					31.2	67.3	1.2
					31.2	67.3	1.5
						1.5	2.2

Average of English Coals,

(Signed)

J. PRINSEP,

Assay Master.

N. B. For specimens marked 1831, as well as for remarks on the different varieties of Coal, see Gleanings in Science, III. 283. Calcutta Assay Office, 18th October, 1837.

A Table of Analyses of Indian Coals; continued from that by Mr. Jas. PRINSEP, (in Vol. VII. of Journal, p. 197) to the close of Vol. XIX. for 1850; and including Dr. McCLELLAND's Table in p. 73 of Coal Committee's Report No. II.—

By HENRY PIDDINGTON, Curator, Museum of Economic Geology.

No.*	Journal and C. Com. Report.	Locality and Analyst.	Quality.	In 100 Parts.				Per cent. of Ash in Coke.	
				J. Vol. VII. P. 706.	Mergui. Jas. PRINSEP.	Lignites sent by Dr. Helfer No. 1	Water cent. per sp. Gravty.	Volatile Matter, Carbon Ash.	
77		Ditto.	Pitch Coal ditto ditto No. 1 rich flaming coal and close- grained coke.	1.256	10.0	1.376 2 3 1.273	56.7 9.3 7.3 9.7	36.0 53.9 38.6 45.0	7.3 8.8 17.6 4.7
78	C. C. R. Part I. Sec. VII. page 5.	Namroop Coal No. 1. Ditto. No. 2. Ditto.	Ditto ditto ditto No. 2 Ditto ditto ditto No. 3 Ditto ditto ditto No. 4 Very lignaceous. More compact coal.	1.280 1.245 1.251 1.302 1.244	8.2 7.4 7.6	48.9 48.3 48.2 48.9 39.9	46.7 45.1 48.7 47.7 58.1	4.4 6.6 3.1 3.4 2.0	
79	....	Chilmaree, McC. Moulmein, Mr. Blundell, McC.	Cannel coal.	1.392 1.177	.. ..	50.0† 42.8	40.9 54.6	5.1 2.6
80	page 12. C. C. R. IV. P. 180.	Hoong; South of Ramree 6 miles, Capt. Bogle, McC.	Caking Coal,	1.32	7.6	36.	49.	15.	
81	....	Tyroo Ghat, Assam, Capt. Jen- kins, McC.	Ditto,	1.3	..	40.	55.	5.
82	....							
83	....							

* The numbers are continued from Mr. JAS. PRINSEP's Table, and I add to the present one a column of references to the Vol. and page of Journal, of Coal Committee's Reports, where the Analysis will be found, and the name of the analyst, where given. Mr. PRINSEP's Table goes to No. 39, and 17 more Analyses are added of imported coals, numbered 1 to 17, so that I have taken 76, as his last No. and 77, as our first.

† Including water.

Analyses of Indian Coals—Continued.

No.	Journal and C. Com. Report.	Locality and Analyst.	Quality.	In 100 Parts.
				Per cent. of Ash in Coke.
				Volatile Matter. Water per cent. S.p. Gravity.
84	C. C. R. IV. p. 180.	Palamow, Mirall, Mr. Tytler, <i>McClelland.</i>	Slate Coal,	1.26 7.6 44. 50. 6.
85	Palamow, ditto, <i>McC.</i>	Slaty, Crop Coal,	1.48 .. 32. 58. 10.
86	Ditto Singra, ditto, <i>McC.</i>	Ditto,	1.2 .. 25. 63. 12.
87	Mergui, Lt. Hutchinson, <i>McC.</i>	Caking Coal excellent,	1.27 .. 55. 40. 5.
88	Byrung Punjje, Sylhet; Major Lister, <i>McC.</i>	Caking Coal excellent,	1.3 .. 34. 64.5 1.5
89	Ditto, variety, ditto, <i>McC.</i>	Slaty, inferior,	1.4 .. 25. 29. 46.
90	Ditto, ditto, <i>McC.</i>	Surface Coal,	1.3 .. 30. 50. 20.
91	Ditto, a different sample, ditto, <i>McC.</i>	Caking Coal,	1.3 .. 51. 42. 7.
92	Chuppra, on the Soane, Mr. Ra- venshaw, <i>McC.</i>	Slate Coal, mixed,	1.5 .. 32. 57.5 10.5
93	Borneo, Capt. Johnston, <i>McC.</i>	Ditto, excellent,	1.27 .. 59.6 34. 6.4
94	Borhath, Assam, Lt. Strong, <i>McC.</i>	Caking Coal, ditto,	1.2 .. 45. 52.7 2.3
95	Borhath, another bed, Lt. Strong, <i>McC.</i>	Cannel Coal, excellent,	1.28 .. 44. 48. 8.
96	Cheduba, Arracan, Capt. Bogle, <i>McC.</i>	Ditto, inferior,	1.30 .. 46.8 41.2 12.
97	Khota, Singrowly, Wroeghton, <i>McC.</i>	Capt. Middling,	1.26 7.7 54. 32.2 13.8
98	Jubbulpore, Dr. Spilsbury, <i>McC.</i>	Excellent,	1.49 .. 50. 47.1 2.9
99	Near Dearee, the Soane, Mr. Ra- venshaw, <i>McC.</i>	Mr. Middle,	1.42 .. 37.6 58.1 4.3
100	Quillimané, (Cape) S. Africa, Surface Coal, <i>McC.</i>	....	1.6 .. 23.2 40.16 36.6

Analyses of Indian Coals—Continued.

No.	Journal and C. Com. Report.	Locality and Analyst.	Quality.	Water cent. Gp. Gravity.	Water cent. per cent.	Volatile Matter.	Carbon	Ash.	In 100 Parts. Ash cent. of Koke.
101	C. C. R. IV. p. 180.	Tavoy River, McC.	Cannel Coal,	1.72	7.6	62.	28.26	9.74	
102	Chittagong or Tipperah Mr. Seonce, McC.	Good Slaty Coal, Hill,	1.375	..	64.6	24.4	11.	
103	Petcheele Gulf, received thro' Anthracite, .....	.....	1.71	..	20.	74.	6.	
104	Capt. Johnston, McC. Doobadgepore, Mr. Jas. Pontet,	Inferior Slaty Coal,	1.4	..	42.	33.	20.	
105	McC. Jeypore, Upper Assam, Mr. F. Superior, R. Hampton, McC.	.....	1.3	..	48.	46.2	5.8	
106	Pulo Chermin, Borneo, Marine Board, McC.	Very superior,	1.34	..	64.	32.5	3.5	
107	Pulo Keng, Arreng, Borneo, Inferior, ditto, McC.	.....	1.39	..	43.	30.5	26.5	
108	Bikrampore, Cachar, Capt. Guth. Superior, .....	.....	1.3	..	64.8	33.2	2.	
109	Gudada River, Dhubary, Mr. J. Inferior, Bedford, McC.	.....	1.4	..	57.4	24.6	18.	
110	Bunarosee Caribari Hills, ditto, Brown Coal, burns freely, .....	.....	1.4	..	50.	40.6	9.4	
111	Mirampara, or Balajora, Caribari Ditto, Hills, ditto, McC.	.....	1.2	..	64.	26.	10.	
112	Salkora Caribari Hills, ditto, Good Brown Coal, .....	.....	1.3	..	70.	25.4	4.6	
113	McC. New Mine? Burdwan?	Major Superior,	1.4	..	1.3	36.	60.	4.
114	Henderson, McC. Shanghai, (China), Dr. G. Play- fair, McC.	Very superior,	1.29	..	1.3	33.6	64.	2.4

Analyses of Indian Coals—Continued.

No.	Journal and C. Com. Report.	Locality and Analyst.	Quality.	In 100 Parts.	Ash in Per cent. of Coke.
115	C. C. R. IV. p. 180.	Near the falls of the Jumnoona, (Assam,) Major Jenkins, <i>McC.</i>	Without exception the best specimen of Coal on the list, <i>McC.</i>	1.2 1.3	7.6 ..
116	....	The bed of the Terro Nuddee, (Assam,) ditto, <i>McC.</i>	Superior,.....	46. 62.	53. 35.4
117	....	{ <i>a</i> } Nicobar Island, Messrs Mac- key and Co. <i>McC.</i>	Weathered specimen,....	1.3 1.3	61.4 57.
118	....	{ <i>b</i> } Dikhoor, (Assam,) Capt. Rogers, <i>McC.</i>	Most superior,	1.3 1.3	49. 28.
119	....	Dikhoor, a tributary of the Jurnoo- na, 8 miles above the falls, Messrs. Masters & Wood. <i>McC.</i>	A dull Earthy Coal,	1.3 ..	44.6 38.8
120	....	Badam, Col. Ouseley, <i>McCle- land.</i>	Very superior,	1.29 ..	32.00 60.03
121	J. Vol. XIV. p. 34	Jubbulpore, Lieut.-Col. Cox, <i>McC.</i>	Good,	1.31 1.3	27.00 59.00
122	J. Vol. XVI. 371	Supposed Assam, <i>Piddington.</i>	Cannel Coal,	1.34 1.28	26.40 18.90
123	XVI. 59	Kyook Phyoo, <i>Pid.</i>	Poor silicious Lignite,	1.37 1.37	37.00 29.00
124	XVII. 163	Burdwan, <i>Pid.</i>	Volcanic Coal,	5.00 5.50	31.60 29.00
125	XVIII. 170	Assam, Booro Dehing, <i>Pid.</i>	Ball Coal,	1.31 2.25	16.50 57.00
126		Prisco Pit, Newport, S. Wales, <i>Pid.</i>	Cannel Coal,	1.29 2.25	16.25 56.50
127	....	Ditto, <i>Pid.</i>	Highly pyritous Coal, which ignited spontaneously,	1.65 1.26	10.00 28.00
128	— 412	— Burdwan, <i>Pid.</i>	Top Coal of the same,	3.90 1.34	44.18 59.60
129	XIX. 75	Ditto, <i>Pid.</i>	Matrix Coal of Ball Coal,	1.27 1.32	16.25 59.60
130	....	Ditto, <i>Pid.</i>	Ditto ditto,	24.00 ..	12.40 7.25
131	156	Labuan, <i>Pid.</i>	Bituminous Coal,	36.50 ..	2.15 ..

4.35
S. 5

Analyses of Indian Coals—Continued.

No.	Journal Vol. Page.	Locality and Analyst.	Quality.	In 100 Parts.			
				Water per cent.	S.P. Gravity.	Volatile matter.	Ash.
132	XX. 365	Afzulpoor 16' N. of Ranneegunj. Capt. Sherrill, <i>Piddington</i> .	Bright Coal; very promis- ing.	0.45	32.25	60.15	7.15
133	366	Mootee Jhurna falls near Raj- mehal, H. Torrens, Esq. <i>Pid.</i>	Bright Jet Coal, decompos- ing rapidly,.....	..	18.50	23.75	29.30
134	XII. 313	Chawa Nuddee, Teesta River, Jet Coal,..... Darjiling, Dr. A. Campbell; <i>Pid.</i>	{ 1.02 1.03 }	10.50	27.00	58.00	4.00
135	346	Baghawalla Coal, Salt Range, Punjab; Dr. <i>Fleming</i> , No. 1.	.....	..	40.64	41.36	18.00
136	....	Ditto ditto, No. 2; Dr. <i>Fleming</i> . Ditto ditto,.....	.....	..	38.455	59.705	1.840
137	....	Kathee Alum—Shale Pits, Dr. <i>Fleming</i>.	.....	..	36.421	33.579	30.00
138	352	Singrowlee near Mirzapore, Dr. <i>Fleming</i>.	.....	..	50.00	43.34	6.66
139	XXIII. 381	Chawa Nuddee, Darjiling, Dr. Splint Coal,..... Campbell; <i>Pid.</i>	.....	1.32	6.80	29.20	61.10
140	383	From the Mahanuddee, Darji- ling, Dr. Campbell; <i>Pid.</i>	.....	1.32	5.50	33.60	56.40
141	384	Ditto ditto; <i>Pid.</i>	Earthy sorot Coal,.....	10.00	9.75	39.95	40.30
142	385	Teesta Coal, Dr. Campbell; <i>Pid.</i>	Glance Coal,.....	1.30	10.00	30.50	54.75
143	714	Ava Coal, Capt. Niblett; <i>Pid.</i>	Semi-Bituminous Coal,.....	1.28	4.25	26.50	67.85

Analyses of Indian Coals—Continued.

No.	Journal, Vol. Page.	Locality and Analyst.	Quality.	In 100 Parts.			
				Sp. Gravity.	Water per cent.	Volatile Matter.	Ash.
144	716	Ditto ditto, Capt. Niblett. <i>Pid-ding-ton.</i>	Ditto, inferior Jet Coal, ..	1.42	11.88	32.12	23.40
145	XXIV. 283	Chirra Punji Coal; <i>Pid.</i>	.....	1.24	00.85	66.00	32.65 00.50
146	241	Talcheer Coals, Moalpal, Gopalpersad, E. A. Samuels, C. S.; <i>Pid.</i>	.....	..	14.37	17.75	35.62 3.225
147	710	Ava, Thayet-Myo Coal; <i>Pid.</i>	.....	1.42	3.25	36.90	51.75 8.00
				1.36	2.50	30.25	64.10 3.15

SUPPLEMENTARY INDEX.

	Page	
ABDALEES, Account of the, xiv. ..	445	
Aborigines of the Sub-Himalayas, xvi. 1235, xvii. p. i. ..	73	
——— North Eastern India, xviii. ..	451	
——— South, xviii. 350, xix. ..	461	
——— Central India, xvii. p. ii. ..	551	
Affinities, Caucasian and Mongolian, xxii. ..	26	
Afghanistan, Geography of Western, xviii. ..	553,	588
Africa, Meteorological combination in Southern, iv. ..	357	
Agra, Sun-dial in the Fort of, ii. ..	251	
Alighur, Price of grain at, iii. ..	620	
Allahabad Pillar Inscription, iii. ..	105	
America, A new fossil discovered in, v. ..	254	
——— Progress of Science in, xvii. p. i. ..	155	
Antelopes, Thar and Ghoral, iv. ..	487	
——— Cheru, iii. ..	134	
——— Fossil, xiii. ..	769	
Anurādhápur Ruins, xvi. ..	213	
Arracan Bells vii. ..	287	
——— Volcanic coal from, xvi. ..	371	
Assam, On the Caotchouc Tree of, vii. ..	132	
——— Gold-washing in, vii. ..	621,	625
——— Gold-fields in, xxii. ..	..	511
——— Notes on the Languages of, xviii. ..	183,	310
——— Upper, ancient temple of, xvii. p. i. ..	..	450
——— On the Mismis and Abors of, xiv. ..	..	426
——— Earthquakes in, xviii. ..	..	172
Astronomical questions, iii. ..	..	310

	Page
<i>Badakshan</i> , Note on a silver plate from, x.	570
<i>Badeswara</i> , Temple of Durga at, vii.	828
<i>Bagdad</i> , Steam trip to, xvi.	301
<i>Bakra</i> Lat. iv.	124
— Ruins of an ancient city at, iv.	128
<i>Baloochy</i> language vide Leech.	
<i>Baraky</i> language vide Leech.	
<i>Barhuiky</i> language vide Leech.	
<i>BATTEN</i> , J. H. Note of a visit to the Niti Pass of the grand Himalayan chain, vii.	310
<i>Batteng</i> , Gold Mine at, ii.	497
<i>Behar</i> , Vihars and Chaityas of, xvi.	272
— Mica Mines of, xx.	295
— Geological notes on, xv.	55
— Journal of a residence in, iv.	713
<i>Bellerophon</i> , vi.	316
<i>Belwan</i> , List of Specimens from, iv.	571
<i>Bengal</i> , On the Land Tenures of, xiv.	527
— Nooks and Corners of, xxi...	148
— Vultures, vi.	112
— Terrestrial and Fluviatile Testacia of, v.	350
— Estimate of Civil Life in, I. 277, vi.	341
— The Statistics of, xxii.	387
<i>Bengali</i> , cases, xxi.	105
<i>BENSON</i> , W. H. Note on the affinities of Galathea of Lamarck (<i>Potamophila</i> of Sowerby) a Genus of Fluviatile Testacia, vii.	420
<i>Bermuda</i> Vessels, Tracks sailed by, xii.	1104
<i>Beyas River</i> , Gold-washing in the, xvi.	266
<i>Bahamawpur</i> , Route to vi. 169, xiii.	297
— History of, xvii. p. ii. . .	559
<i>Bharatpur</i> , The Jats of, ii.	273
<i>Bibos</i> , Gauri Gao &c., vi.	745
<i>BLAKE</i> , Information regarding Illanoon Pirates, vii.	978
<i>BLYTH</i> , E. Descriptive Notice of the Bats described as <i>Tap-hozus longimanus</i> , xi.	784
<i>Bodo</i> vide <i>Kocch</i> .	

BOGLE, A. Interpretation of the Tibetan Inscription on a Bhotian Banner taken in Assam, v.	..	Page	264
<i>Boukephelon</i> , Site of, xxi.	..	..	214
BROWN,—Account of an ancient temple at Hissar and of the ship-model at that place, vii.	..	..	429
BUCHANAN's History of Coch Behar, being an extract of a passage from his account of Rungpur, vii.	..	..	1
<i>Buddha Gaya</i> Sculptures, xvi.	..	..	334
<i>Buosda</i> , Route through, vide Leech.			
<i>Burabur</i> Hills, xvi.	..	..	40i
BURNES, A. On the Reg Ruwan or moving sand, a singular phenomenon of sound near Cabul, with a sketch, vii.	..	..	324
— Continuation of Dr. J. Gerard's Route from Bokhara to Meshid, ii.	..	..	143
— Report on ten specimens of coal from Meshid, vii.	..	..	848
— and Conolly's Travels, iv.	..	..	411
— On the Seahposh Kaffirs with specimens of their language and custom, vii.	..	..	325
<i>Burpetoh</i> , Earthquakes in, xviii.	..	..	174
BURT, T. S. Note on instruments for trisecting Angles, ii.	..	..	159
— Defence of Trisection Instrument, ii.	..	..	485
— More Danams from the Sanchi tope near Bhilsa, taken in impression, vii.	..	..	562
<i>Cabul</i> , vide Honigberger.			
<i>Calcutta</i> , Celestial objects visible in the horizon of, ii.	..	..	252
— Rain-fall at, iv.	..	..	207
— Daily evaporation in, xvii. p. i.	..	..	236
— Meteorological Phenomena, fall of Rain, &c. xvii. p. i.	..	..	349
CAMPBELL, A. Abstract of a Meteorological Register kept at the Cathmandu Residency for the month of September, 1837, vii.	..	..	83
<i>Candahar</i> , Route to, vide Leech.			
Caprolagus, Description of, xiv.	..	..	247
Cases in Bengali and Hindustani, xxi.	..	..	105
Cashgari dialect vide Leech.			
<i>Catmando</i> , vide Kathmandu.			

			Page	227
CAUTLEY P. T. AND PRINSEP, J.	Note on the Coins found at Behat, iii.	.. .. ..	
CAUTLEY, P. T.	Note on a Fossil Ruminant Genus allied to the Giraffidæ in the Sewalik Hills, vii.	.. .. ..		658
Cervus, A new species of,	iv.	.. .. ..		648
— Elaphus, x.	.. .. ..			721
Ceylon, Ruins, vide Dambool and Anuradhapur,				
— Tooth relic of, vi.	.. .. ..			856
— Sciuri of, xviii. 600; Animals and birds of, xx.				153
Chakuldah, vide Nurbudda,	.. .. ..		
Chanderi Cotton, xi.	.. .. ..			1188
Cheani vide Garrows,	.. .. ..		
Cherrapunji, Fossils from, iv.	.. .. ..			520
CHESNEY, A general statement of the labours and proceedings of the expedition to the Euphrates, v.	.. .. ..			675
China, Showers of sand in, xx.	.. .. ..			192
Chittagong, Tides at, vi.	.. .. ..			949
— Hill Tribes of, xiv.	.. .. ..			380
Christiania, Coins from, xii.	.. .. ..			443
Chumaleri Lake, xvii. p. i.	.. .. ..			201
Collimator, Taylor's, iv.	.. .. ..			518
COLVIN, J. R. On the Restoration of the Ancient Canal in Delhi Territory, ii.	.. .. .. ..			105
CRACROFT, W. Notes Relative to the Collection of some Geological Specimens in the Kassia Hills, iii.				293
— On the Measurement of the Ilahy Guz of the Emperor Akber, iii.	.. .. .. ..			360
Crocodile of Herodotus, viii.	.. .. ..			590
Crows, rasorial, of Nepal, x.	.. .. ..			856
CUENIN, J. A Catalogue of Stars to be observed with the moon in March and April, 1834, with the view of determining the difference of longitude of the places whereat they may be observed, iii.	.. .. .. ..			94
Cutch, Legend of Vicramáditya's son in, vi.	.. .. ..			648
— Jain Temple in vii.	.. .. ..			43
Cuttack, Section of a Hill in, vii.	.. .. ..			152
Cyclones vide Dust Whirlwinds and Law of Storms,				

		Page
<i>Dacca</i> , Rain fall at, v.	.. ..	405
<i>DaCosta</i> , L. On the properties ascribed in native medical works to the <i>Acacia arabica</i> , vi.	.. ..	392
<i>Dambool</i> , Rock temples of, xvi.	.. ..	340
<i>Darjeling</i> , Botanical notes from, to Tonglo, xviii.	.. ..	419
——— Metaliferous deposits around, xvii. p. i.	.. ..	137
——— Meteorology of, vi.	.. ..	700, 888
<i>Dehli</i> , Notes on, v.	.. .. ..	575
<i>DEMAS, SINBALDO</i> , On the Egyptian system of Artificial Hatching, viii.	.. .. ..	38
<i>Dera Gazi Khan</i> , vide Honigberger,	.. ..
——— Route from, to the Viziri country,	111,	175
<i>Derajat</i> , History of the, xvii. p. ii.	.. ..	559
<i>Dhauli</i> Inscription, vii.	.. ..	219, 434,
<i>Dhanpur</i> , vide Pokhri.		334
<i>Dhimal</i> vide Kocch.		
<i>DRUMMOND</i> , H. Report on the copper mines of Kumaon, vii.		934
<i>Dukhun</i> , Mammalia of the, i.	.. .. ..	161
<i>Dur</i> Dialect vide Leech.		
<i>Dusani</i> vide Garrow.		
<i>Egypt</i> , Geological specimens from, xvii. p. i.	.. ..	342
Ethnology, Indian, xviii.	.. .. ..	238
——— and Geography of the Sub-Himalayas, xvii. p. i.		544
<i>Firozabad</i> , Town and Palace of, xvi.	.. ..	971
<i>Fyzabad</i> , Land grant from, x.	.. .. ..	101
<i>Garrows</i> , The Dushani and Cheanni, xviii.	.. ..	45
<i>Ghazipur</i> , Manufacture of the oil of jessamine at, viii.	.. ..	496
——— Ditto of rose water at, viii.	.. ..	411
<i>Ghazipur</i> , On the saline nature of the soil of, &c.	111,	36
<i>Ghilzais</i> , xiv.	.. .. ..	306
<i>Ghoraband</i> vide Lord.		
<i>Ghoral</i> Antelope, iv.	.. .. ..	487
Gold mines of Siberia, xvi.	.. .. ..	266
——— washing in the Beyas river, xvi.	.. .. ..	266
<i>Gouri gai</i> , vi.	.. .. ..	745
<i>Goojerat</i> , Damascus blade of, xvi.	.. .. ..	666

			Page	789
<i>Goojerat</i> , Floriken from, vi.	..	..
<i>Gowhattu</i> , Earthquakes in, xviii.	..	..		173
<i>Grameswara</i> Temple, vii.	..	..		152
<i>Guanah</i> , Coal from, i.	..	..		366
<i>Guzrat</i> vide Leech and Goojerat.				
<i>Hare</i> , Hispid, of the Saul Forest, xvi.	..	..		572
<i>Hazara</i> Country, xiv.	..	..		393
<i>Herat</i> , Fossil Shells from, ii.	..	..		652
<i>Herundinidæ</i> , v.	..	..		779
<i>Himalaya</i> , The fossil elk of the, iv.	..	..		506
——— Snow line on the, xviii.	..	287, 694,		954
——— Eagle, vii.	..	..		20
——— Musk, viii.	..	..		202
——— on the Table of the Eastern, xix.	..	..		65
——— on the Vulture of the, iii.	452, 522 ; iv.	454 ; vii...		20
——— Wild goat and sheep of the, iv.	490 ; 710, v.	254 ; x.		
230 ; xii. 447 ; xvi. 490,	..	..		1003
——— Marmots of the, x.	..	..		777
——— Fauna of the, xiv.	..	..		845
——— Pika from the, x.	..	..		816
——— Gypsum from the, i.	..	..	289,	450
<i>Hindu Koosh</i> , vide Lord,	..	..
<i>Hindus</i> , Lowest state among the, ix.	..	..		848
<i>Hindustan</i> , Historical Geography of, ix.	..	..		848
——— Passes into, vide Passes.				
<i>Hiranphal</i> , Journey to, xvii. p. ii.	..	..		210
<i>Hodesam</i> , Memoir on the, ix.	..	..	694,	783
<i>Hog</i> , Pigmy, xvi.	..	..	423,	593
<i>Horsok</i> Vocabulary, xxii.	..	..		121
<i>Hosungabad</i> , Geology of, iii.	..	..		71
——— Soil, Cultivation, &c. of, iii.	..	..		61
<i>Hun</i> Nation, Note on the, v.	..	..		823
<i>Hydrabad</i> , Saline Deposits in, ii.	..	..		77
——— Geological Specimens from, v.	..	..		96
<i>IBN HAUKAL'S</i> Account of Khorasan, xxii.	..	..		152
——— ditto Seistan, xxi.	..	..		365

	Page
IBN HAUKAL's ditto Scinde, xxi.	49
India, Conspectus of the Ornithology of, xix. .. 229, 319,	501
— Ancient Geography of, xx.	470
— Silkworms of, vi.	38
— Land Shells of, iii.	81, 520
— Law of Morality for, A. R. xx.	190
— Meteorology of, xxi.	383
Indian Ocean, Carinaria in the, iv.	215
— Balantium in the, vi.	150
— Genus Curverus in the, iv.	698
Inscription from Ranode, xvi.	1079
Jarai, Note on the Account of, i.	66
Jats, Marriage rites of the, ii.	273
Jubbulpur, Geology of, xi.	392
— Fossils from, ii.	583
Jumna Canals, xv.	213
— Fossils, iv.	500
Jyepur, vii. 53,	200
Kachar, Memoir of, ix.	808
Kalan Masjid, xvi.	577
Kalinjar, Inscriptions from, xvii. p. i.	313
Kandesh, Ærolites from, xiii.	808
Kashkor vide Panjkora.	
Kathmandu, On the Meruline birds of, viii.	37
— New genus of finirostral tribe at, viii.	35
— Meteorology of, vi.	610, 889
— Earthquakes at, ii.	564, 636
Kattiwar vide Leech.	
Keddah, Inscription from, xviii.	247
Kemaon, Limestone fossils from, iii.	628
— Journey to the outer mountains of, xvii. p. i. 349,	
xviii.	603
Keonjar, xi.	205
Kharakpur, Meteoric iron from, xvii. p. 538 ; xviii.	171
Khoten, Memoir on, iv.	653
Khyrpur, its population, ix. 109,	1187



			Page	989
<i>Kiang Hang</i> , Route to, vi.	..	..
<i>Kopa Damau</i> , vide Lord.				
<i>Kunkur</i> formations, xiv.	..	..	..	442
<i>Kunnawar</i> , Notes on, xiii.	..	..	172,	223
<i>Kussia</i> , Alto-Relievo Figure at, vi...	..	..	..	477
<i>Kyak Khen</i> , Coal from, ii.	..	..	..	595
<i>Ladakh</i> , Churmuni lake in, xvii. p. I.	..	..	..	201
<i>Laghmani</i> dialect vide Leech,	..	..	..
<i>Lah</i> , Hotsprings of, vi.	..	..	..	153
<i>Lahsa</i> , Itinerary from Phari to, xvii. p. i.	..	..	..	257
<i>Lahul</i> , Journal of a trip through, xvii. p. i.	..	..	..	201
Language, the Primary of the Buddhist writing, vi.	..	..	..	682
——— of the Eastern Sub-Himalaya, xvi.	..	..	..	1244
——— Punjabi, Brahmhy, Belochy, Baraky, Pashi, Lagbmani, Cashgari, Turhai, and Dur vide Leech.				
——— Goand, xvi.	..	..	..	286
Languages, Comparative Tables shewing the affinity of the Greek, Latin, English, Sanscrit, Persian, Russian, Gælic, Welsh, Lithuanian, German, Hebrews and the Anglo-Saxon, xii.	..	..	..	837
<i>Lohand Khad</i> , Hot springs of, vi.	..	..	..	153
<i>Loochoo Island</i> , Wreck of the Indian Oak on the, ix.	..	..	..	916
<i>MacNaughten</i> , Discovery of the genuine tea plant in Assam, iv.	..	..	..	42
<i>MacClelland</i> , J. Note on Capt. Tremenheere's Report on the Tin of Mergui, xi.	..	..	..	25
<i>Madras</i> , Mural Circle at, iii.	..	..	..	403
——— Magnetic dip and Intensity at, vi.	..	..	..	374
——— Mackenzie, MSS. at, vii.	..	105, 173, 371,	..	469
<i>Malay Cuculidæ</i> , xi.	..	..	897,	1095
——— Birds, xi.	..	..	..	160
<i>Malayan Reptiles</i> , xvi.	..	..	607, 897,	1026
<i>Malwa</i> , Huli in, ix.	..	..	..	311
<i>Manipur varnish</i> , viii.	..	..	..	70
Manuscripts, Col. Mackenzie's, vi, 397; vii. 105, 173, 371,				469
<i>Masud</i> , Account of, v.	..	..	..	635
<i>Masuri</i> , Geological Sketch of, iv.	..	..	..	690

			Page
Mathematics, Remarks on, ii.	..	..	374
<i>Mathia</i> lat. iii.	..	..	483
Meropidae, A New genus of the, v...	..	..	360
<i>Merta</i> , Geology of, iii. 238 ; xviii. ..	..	..	92
<i>Mijjerthyn</i> Somalis, xiii.	..	..	319
<i>Min</i> River, vide Fuhken.			
Mongolian affinities, xxii.	..	..	26,
<i>Motimasjid</i> , Sundial in the, ii.	..	..	251
<i>Murshedabad</i> Palace, viii.	..	..	552
— — — Mortality of Hindu Females in, viii.	..	..	704
<i>Muttra</i> , Statistical account of, v. ..	..	..	216
<i>Muzafferpur</i> , Meteorological Register kept at, iii.	..	..	79
<i>Naga</i> Hills, On the, x. ..	..	..	129
<i>Nagpur</i> , Geology of, iii.	..	..	71
<i>Nemach</i> , Geological strata of, iii. 238 ;			
<i>Nematura</i> , a new genus of Molusca, v.	..	..	781
<i>Nengti</i> River, Journey along the course of the, iii.	..	..	124
<i>Nepal</i> Salajit, ii.	..	..	482,
— — Dying and Weaving in, v. ..	..	..	605
— — Seven cosis of, xvii. p. ii.	..	..	219
— — Additions to the Ornithology of, v.	..	..	646
— — Rasorial crows of, x.	..	..	770
— — Sundry new Mammals of, v. ..	..	..	856
— — Birds, Catalogue of, xii.	..	..	231
— — Rhinolophus, xii.	..	..	301
— — Military Tribes of, ii.	..	..	409
— — paradoxuros, A. R. xix.	..	..	217
— — <i>Cervus elaphus</i> of, x.	..	..	72
— — Specimens, ii. ..	..	..	721, 836
— — Lagomys, x. ..	..	..	101
— — Bobinæ, x. ..	..	..	854
— — Inscription from, iv.	..	..	449
— — On the Aborigines of, iii. 215 ; xviii.	..	..	196, 211
— — Chepang and Kusunda Tribes of, xvii. p. ii.	..	..	702
NowBOZJEE FURDOOJYEE, Report on the weights, measures and coins of Cabul and Bukhara, vii.	..	..	650
<i>Nurbudda</i> , Journal of a passage down the, xviii.	..	..	892
			461

		Page
<i>Nurbudda</i> , Navigation of the, xiii.	..	495
— Valley, Fossil deposits in the, vi.	..	487
— Fossil shells, viii.	..	708
<i>Nurnoor</i> , Red sandstone from, xiii.	..	336
<i>Orissa</i> , Kittoe's Travels in, vii. 679, 1060; viii. 367, 474, 606,		671
<i>Ovis ammonides</i> , xvi.	..	568
<i>Oxus River</i> , The Sources of the, i.	..	139
<i>Pachate</i> , Hotsprings at, ii.	..	46
<i>Palibothra</i> , site of, xiv.	..	137
Pashi Dialect vide Leech.		
<i>Pentapotamia</i> , vi.	..	386
<i>Peruk</i> , Account of, v.	..	505
<i>Picada</i> , A new genus of the, v.	..	778
<i>PIDDINGTON</i> , Note on the Fossil Jaw sent from Jabbalpur, x.		620
<i>Piplianagar</i> , Inscription from, vii. 736; v.	..	377
<i>Potowar</i> , Greek Sculpture from, xviii.	..	131
<i>Prinsep</i> , J. On Lithographs and Translations of inscriptions,		
vii.	..	629
<i>Proceedings of the Zoological Society</i> , iv.	..	528
<i>Pulo Leda</i> , v.	..	575
<i>Pundelah River</i> , Natural Products about the, x.	..	509
<i>Punjab</i> , The Topes and Grecian remains of the, ii.	..	308
— The salt mines of the, i.	..	145
<i>Punjabi Language</i> , vii. 538, 608, 711,	..	780
<i>Python</i> , vide Boa.		
<i>Raepur</i> , the site of old Mandavi, vi.	..	648
<i>Ramavati</i> , Inscription from, iii.	..	209
<i>Rangamatti</i> , vide Kansanapur.		
<i>Rangoon</i> , Laterite from, xxii.	..	196
<i>Ratanpur</i> , vide Grameswara.		
<i>Sagor</i> , Fossil palms and shells from, ii.	..	639
— Deviation of the compass at, xviii.	..	410
<i>Sakki Sarvar Pass</i> , vide Leech.		
<i>Sambhur salt</i> , v.	..	798
<i>Sanchi Inscriptions</i> , vi.	..	451
<i>Sarun lat</i> , vide Bakra.		
<i>Saul Forests</i> , Hispid Hare of the, xvi.	..	572

		Page
<i>Saul Forest</i> , Pigmy Hog of the, xvi.	423,	593
<i>Saurashtra</i> , The Vallabhi Dynasty of, v.	..	685
<i>Scinde</i> , Ibn Haukal's account of, xxi.	..	49
<i>Sciuri</i> of Ceylon, xviii.	..	600
<i>Scolopacidæ</i> , vi.	..	489
<i>Sealkote</i> , Rajas of, xviii.	..	177
<i>Seesee</i> river, xxii.	..	511
<i>Sefan</i> Vocabularies, xxii.	..	121
<i>Sehwan Scinde</i> , vide Hoste.		
<i>Seistan</i> , Physical Geography of, ix.	..	710
<i>Sekawati</i> , Temples of, iv.	..	361
<i>Seoni</i> , Specimens of the Goond language from, xvi.	..	286
<i>Shahabad</i> , Geological Notes on, xvi.	..	279
<i>Shanghai</i> , Atmospheric Dust from, xvi.	..	193
<i>SHERWILL</i> , W. S. Notes of a Tour through the Rajmahal Hills, xx.	..	544
<i>Shipke</i> to Soobathoo, Narrative of a Journey from, xi.	..	363
<i>Siberia</i> , The gold mines of, xvi.	..	266
<i>Sikhs</i> , their Holidays, Customs, &c. xiv.	..	393
<i>Sikim</i> , Journal of a Trip to, xviii.	..	482
— Hooker's Travels in, xvii. p. ii.	..	572
<i>Silhet</i> Coal mines, ii.	..	47
<i>Sindh</i> , Kiyukzyae tribe of, ix.	..	1214
<i>Sitta</i> , Two new species of the genus, v.	..	778
<i>Siva</i> , Hymn to, viii.	..	355
<i>Sivalik</i> Hills, Fossil Mastodon, v. 294, 768 ; Hippopotamus vi. 354 ; Quadrumena, A. R. xv.	..	193
<i>Soane</i> River, Ancient Bed of the, xiv.	..	137
<i>Somalis</i> , xiii.	..	319
<i>Somrotee</i> , Fossil Elephant's Tooth from, iii.	..	638
<i>Sonadeh</i> , Transport of coal from, xviii.	..	594
<i>Soumeanee</i> , Some account of the Port of, ix.	..	134
<i>Srimenanti</i> , Account of, v.	..	505
<i>Striginae</i> , Piscatory genus of the, v...	..	363
<i>Sub-Himalaya</i> , Ethnology and Geography of the, xvii. p. i...	..	544
————— On the Aborigines of the, xvi. 1235 ; xvii. p. i.	..	733
————— Fossils of the, iv. 565, 694; v. 486, 667, 579, 739,	..	241

			Page	
<i>Subansari</i> River, xiv.	..	..	250	
<i>Sudya</i> , Plants from, v.	..	..	806	
<i>Suidæ</i> of Saul Forest, xvi.	423,	..	593	
<i>Sungie Ujong</i> , Account of, iv.	..	..	537	
<i>Sutlej</i> Rivers, Levels taken between the Jumna and the,	ix.	688		
<i>Sylhet</i> , Vegetation in the Jheels of, v.	..	..	570	
<i>Sylviadæ</i> , A new genus of the, vi.	..	..	230	
<i>Syria</i> , Mohammed's Journey to, xxi.	..	..	576	
<i>Tenasserim</i> Provinces, Pine Tree of the, xviii.	..	..	73	
————— on the shells of the, xviii.	..	..	164	
————— Sciuri of the xviii.	..	..	600	
<i>Thar</i> Antelope, iv.	..	..	487	
<i>Tibet</i> , A new species of Pheasant from, vii.	..	..	863	
—— Marmot of, x.	777 ; xii.	..	409	
—— Polecat of, xviii.	..	..	446	
—— Catholic Mission in, xvii. p. ii.	..	..	225	
<i>Tibetan</i> Antelope, a new species, xv.	..	..	334	
<i>Tirhut</i> lat, iv.	..	..	124	
Tortoise, Geometric, vi...	..	..	689	
<i>Triveni</i> , Temple of, xvi.	..	..	393	
<i>Turhai</i> dialect, vide Leech.				
<i>Turkoman</i> Tribes, x.	..	..	290	
<i>Udayagiri</i> , vide Khandgiri.				
<i>Unchapahar</i> , Temple of Siva on, iv...	..	..	361	
<i>Ungool</i> Coal, viii.	..	..	137	
<i>Untadhura</i> Pass, xii.	..	..	78	
<i>Urdu</i> Tazkiras, xvii. p. i.	..	..	541	
<i>Valmiki</i> , Life of, xxiii. ..	..	..	494	
<i>Vijayagadha</i> , Coal field at, vii.	..	..	839	
<i>Vijayamandir</i> , vide Udayapur.				
<i>Vikramaditya</i> 's son in Cutch, Legend of, vi.	..	..	648	
<i>Viziri</i> country, vide Honigberger.				
<i>Vulcha</i> Pass, xii.	..	..	78	
Writing, Notes on Ornamental Persian, ii.	..	..	613	
<i>Yak</i> , Examination of the skeleton of a, x.	..	..	449	

WYOMING