

ALPHABETICAL INDEX

TO THE

PROCEEDINGS OF THE GEOLOGICAL SOCIETY.

[The fossils referred to are described, and those of which the names are printed in italics are also figured.]

- Actinocyclus* —, 332.
Age of the granitic rocks of the Alps, noticed, lix.
Age of the upper tertiaries in England, Mr. S. V. Wood on the, 201.
Age of the valley of the English Channel, Mr. R. A. C. Austen on the, 87.
Alps, age of the granitic rocks of the, noticed, lix; and Pyrenees, volcanic rocks of the, noticed, xlviii; Apennines and Carpathians, Sir R. I. Murchison on the structure of the, noticed, xxxiv; date of the upheaval of the, noticed, xxxviii; dislocations and lateral movements of the, noticed, lvii; dolomites and gypsum of the, noticed, xlix; effects of expansion and contraction on the strata of the, noticed, l; erratics of the, noticed, lxii; folded strata of the, noticed, xli; granitic rocks of the, noticed, xl; relation between the strike of the strata and the axis of the, noticed, xlix; Sir R. I. Murchison on the detritus of the, 65; stratified formations of the Venetian, 422.
Amblypterus, Sir P. G. Egerton on the genus, 1.
— Portlocki, 2.
Ammonites Reginaldi, 316.
Andes, Mr. E. Hopkins on the crystalline rocks of the, 365.
—, section of the, 366.
Anniversary Address of the President, Sir C. Lyell, xxvii–lxvi. *See also* Lyell, Sir C.
Annual General Meeting of the Society, proceedings at, i.
Arca patricia, 52.
— *consobrina*, 52.
— *Olisiponensis*, 176.
— *subtetragona*, 318.
Artemis cordata, 177.
— *elegantula*, 177.
— *inelegans*, 177.
Astarte ? *discus*, 177.
- Astarte carinata*, 317.
Auckland, the Earl of, notice of, xxviii.
Austen, Mr. R. A. C., on the valley of the English Channel, 69.
—, on the age and position of the fossiliferous sands and gravels of Far-ridingdon, 455.
Avicula Olisiponensis, 178.
Basement-bed of the London clay, Mr. J. Prestwich, jun., on the, 255.
—, table of the distribution of fossils in the, 279.
Bath, Mr. C. H. Weston on the diluvia and valleys near, 449.
Biaritz shells, noticed, xxxv.
Binney, Mr. E. W., on *Sigillaria* and some spores found imbedded in the inside of its roots, 17.
Blackheath, tertiary strata and their dislocations in the neighbourhood of, 441.
Boué, M., on nummulitic rocks, noticed, xxxv.
Brentford, mammalian remains at, 201.
Brisus scutiger, 198.
— *subdepressus*, 198.
Brodie, Rev. P. B., on certain beds in the inferior oolite near Cheltenham, 239.
Brongniart, M. Alex., on the eocene shells of the Diablerets, noticed, xxxv.
Brown, Mr. R., on the section of the lower coal-measures of the Sydney coal-field in the island of Cape Breton, 115.
Buckingham, section of railway cutting at, 135.
Buckman, Prof. J., on some fossil plants from the lower lias, 413.
Bulla granosa, 51.
— *paupercula*, 52.
Cambridgeshire, freshwater marl in the fens of, 451.
Cantal and Mont Dor, noticed by Sir C. Lyell, 234.
Cape Breton, lower coal-measures of the

INDEX TO THE PROCEEDINGS.

- Sydney coal-field in the island of, 115.
- Caprinula, Mr. D. Sharpe on the genus, 178.
- Caprinula Boissii*, 179.
- *brevis*, 180.
- *d'Orbignii*, 180.
- *Doublieri*, 180.
- Cardium corrugatum*, 181.
- Haitense, 52.
- *Olisiponense*, 181.
- Carpenter, Dr. W. B., on the structure of Nummulina, Orbitolites, and Orbitoides, 21.
- Cassidaria lævigata*, 47.
- Cassis sulcifera*, 47.
- Cataclysmal waves, improbability of the occurrence of, noticed, lxiv.
- Catopterus, Sir P. G. Egerton on the genus, 8.
- Catopterus Redfieldi, 8.
- Cereopora* —, 330.
- *Ototara*, 329.
- Cerithium plebeium*, 51.
- uniseriale, 51.
- Changes in the organic and inorganic worlds, noticed, xiv.
- Christian VIII., king of Denmark, notice of, xxvii.
- Cidaris clunifera*, 196.
- *glandifera*, 196.
- Cleghorn, Mr. J., on the Till near Wick, in Caithness, 385.
- Clift, Mr. W., notice of, xxix.
- Coal-measures, lower, of the Sydney coal-field, island of Cape Breton, 115.
- Coal, occurrence of, near Erzerroom, 367.
- Coccolapis, Sir P. G. Egerton on the genus, 9.
- Columbella Haitensis*, 46.
- *venusta*, 46.
- Comparison of disturbing causes in ancient and modern times, noticed, xlv.
- of the climate of the carboniferous epoch with that of the present age, noticed, lxx.
- Cones, structure and growth of volcanic, 207.
- Conglomerate, old red sandstone, of the Eastern Lammermuirs, 418.
- Continuance of existing faunæ during alterations of level in the Mississippi valley and in Scandinavia, noticed, xlvii.
- Conus catenatus*, 45.
- *consobrinus*, 45.
- *Domingensis*, 45.
- *Haitensis*, 44.
- *marginatus*, 44.
- *planiliratus*, 44.
- *solidus*, 45.
- Conus stenostoma*, 44.
- *symmetricus*, 44.
- Corbula Costæ*, 181.
- *Edwardi*, 181.
- Craters of denudation, Sir C. Lyell on, 207.
- Crystallization of granite, noticed, li.
- Cumming, Rev. J. G., on the tertiaries of the Moray Firth and the great Caledonian valley, 10.
- Cunnington, Mr. W., on a section of the lower greensand at Seend, near Devizes, 453.
- Cupressus latifolia*, 415.
- Cybele, Mr. T. W. Fletcher on the genus, 402.
- Cybele punctata*, 403.
- *variolaris*, 404.
- Cypræa Henikeri*, 45.
- Cyprina cordata*, 182.
- *globosa*, 182.
- *securiformis*, 182.
- D'Archiac, M., on active volcanos, noticed, xliiii.
- , on the Progress of Geology, noticed, xliiii.
- Darwin, Mr. C., on the British fossil Lepadidæ, 439.
- Date of the upheaval of the Alps, noticed, xxxviii.
- Davis, Mr. J. E., on the age and position of the limestone of Nash, near Presteign, South Wales, 432.
- Dawson, Mr. J. W., on the metamorphic and metalliferous rocks of Eastern Nova Scotia, 347.
- Deceased Fellows, notice of, xxvii-xxxii.
- De la Condamine, Rev. H. M., on the tertiary strata and their dislocations in the neighbourhood of Blackheath, 441.
- Dentalium* —, 331.
- Denudation and oscillation of lands, great length of time required for, noticed, lv.
- Denudation, Sir C. Lyell on craters of, 207.
- Devizes, gault and greensand at, noticed by Mr. R. A. C. Austen, 468.
- De Zigno, M. Achille, on the stratified formations of the Venetian Alps, 422.
- Diablerets, M. Al. Brongniart on the eocene shells of, noticed, xxxv.
- Diadema Lusitanicum*, 196.
- *rude*, 197.
- Dianchora ? bicornis*, 183.
- Diceras Favri*, 183.
- Dikes, volcanic, noticed by Sir C. Lyell, 231.
- Dinornis and other birds of New Zealand, noticed by Dr. Mantell, 333.

INDEX TO THE PROCEEDINGS.

- Dinornis robustus*, feet of, noticed by Dr. Mantell, 338.
- Dislocations at Blackheath, Rev. H. M. De la Condamine on the, 441.
- and lateral movements of the Alps, noticed, lvii.
- Distribution of materials in the valley of the English Channel, 76.
- Disturbance, lines of, in Italy, noticed by Sir R. I. Murchison, 378.
- Dixon, Mr. F., notice of, xxxi.
- Dolomite and gypsum of the Alps, noticed, xlix.
- Donations to the Society, from Feb. 16, 1849, to Feb. 15, 1850, xii; from July 1, 1849, to Oct. 31, 1849, 98; from Nov. 1, 1849, to Dec. 31, 1849, 205; from Jan. 1, 1850, to March 31, 1850, 344; from April 1, 1850, to June 30, 1850, 479.
- Echinidæ, Portuguese fossil, description of, 195.
- Echinopsis? subuculus*, 196.
- Echinus Olisiponensis*, 195.
- Effects of expansion and contraction on the strata of the Alps, noticed, l.
- Egerton, Sir P. G., on the Ganoidei Heterocerci, 1.
- English Channel, age of the valley of the, 87.
- — —, Mr. R. A. C. Austen on the valley of the, 69.
- — —, distribution of materials in the valley of the, 76.
- Eocene iron ore, Mr. A. Tylor on, 133.
- Equisetum Brodiei*, 414.
- Erratics of the Alps, noticed, lxii.
- Erzeroom, notice of the occurrence of coal near, 367.
- Eschara* — — —, 329.
- Etna, noticed by Sir C. Lyell, 227.
- Eurynotus, Sir P. G. Egerton on the genus, 2.
- Exogyra Olisiponensis*, 185.
- plicata, 184.
- Extent of the post-eocene seas, noticed, xxxix.
- Ezquerria del Bayo, Don J., on the geology of Spain, 406.
- Farringdon, Mr. R. A. C. Austen on the fossiliferous sands and gravels of, 455.
- Fasciolaria intermedia*, 49.
- semistriata, 49.
- Fletcher, Mr. T. W., on the Dudley Trilobites, Part I. 235; Part II. 402.
- Flysch, Sir R. I. Murchison on the, noticed, xxxvii.
- Folded strata of the Alps, noticed, xli.
- Forbes, Prof. E., on the fossiliferous deposits in the Middle Island of New Zealand, 343.
- Formation of granitic and mineral veins in modern times, noticed, lx.
- Fusus Haitensis*, 49.
- Henikeri, 49.
- Gabbro rosso, noticed by Sir R. I. Murchison, 374.
- Ganoidei Heterocerci, Sir P. G. Egerton on the, 1.
- Gervillia Fittoni*, 186.
- *Sobralensis*, 186.
- Glacial theory, noticed, lxxv.
- Glaciers and icebergs, noticed, lxii.
- Glauconic slates and Monte Bolca limestone, noticed, xxxvii.
- Gradual subsidence of sea-bottoms, noticed, liii.
- Granite, crystallization of, noticed, li; formation of modern veins of, noticed, lx.
- Granitic rocks of the Alps, noticed, xl; age of, noticed, lix.
- Graptolites convolutus, 64.
- *Griestoniensis*, 63.
- *laxus*, 64.
- *Ludensis*, 64.
- Great length of time required for denudation and oscillation of lands, lv.
- Greensand, at Devizes, noticed by Mr. R. A. C. Austen, 468.
- — —, lower, at Seend, noticed by Mr. W. Cunnington, 453.
- Gypsum and dolomite of the Alps, noticed, xlix.
- Gyrolepis, Sir P. G. Egerton on the genus, 8.
- Hamilton, Mr. W. J., on the occurrence of a freshwater marl in the fens of Cambridgeshire, 451.
- Harkness, Mr. R., on the new red sandstone of the southern part of the Vale of the Nith, 389.
- Hippurite limestone of Portugal, Mr. D. Sharpe on the, 139.
- Hippurites?* — — —, 415.
- Hopkins, Mr. E., on the crystalline rocks of the Andes and their cleavage planes, 365.
- Hopkins, Mr. W., award of the Wollaston medal to, xxiii; reply on receiving it, xxv; on the elevation and denudation of the Lake district, lxiii.
- Horner, Mr. L., on sculptured marks on rocks in the Nile valley, 384.
- Icebergs and glaciers, noticed, lxii.
- Improbability of the occurrence of cataclysmal waves, noticed, lxi.
- Inferior oolite, Rev. P. B. Brodie on certain beds of the, 239.
- Iron ore, eocene, noticed by Mr. A. Tylor, 133.

INDEX TO THE PROCEEDINGS.

- Ischypterus*, Sir P. G. Egerton on the genus, 8.
 Italy, Sir R. I. Murchison on the earlier volcanic rocks of, 281.
 Jurassic series of Portugal, noticed by Mr. D. Sharpe, 156.
 Lake district, Mr. W. Hopkins on, noticed, lxiii.
 Lammernuir, old red conglomerate of the eastern, 419.
Lamna —, 329.
 Lardarello, Soffioni at, noticed by Sir R. I. Murchison, 370.
 Leckhampton Hill, section of, 239.
 Lepididae, British fossil, Mr. C. Darwin on the, 439.
 Lias, fossil plants from the lower, 413.
Lichas Barrandii, 238.
 — *Bucklandi*, 235.
 — *Grayii*, 237.
 — *hirsutus*, 236.
 — *Salteri*, 237.
 London clay, basement bed of the, 255.
 Lower greensand, section of, at Seend, 453.
 Lycett, Mr. J., and Mr. J. Morris, on *Pachyrisma*, 399.
 Lyell, Sir C. (President), Address on awarding the Wollaston medal to Mr. W. Hopkins, xxiii; Address on awarding the Donation Fund to Mr. J. Morris, xxvi; Anniversary address, February 1849, xxvii. *Notices of deceased Fellows*: Christian VIII., king of Denmark, xxvii; the Earl of Auckland, xxviii; Mr. William Clift, xxix; Mr. Frederick Dixon, xxxi. Sir R. I. Murchison on the structure of the Alps, Apennines and Carpathians, xxxiv; M. Boué on the nummulitic rocks, xxxv; Al. Brongniart on the eocene shells of the Diablerets, xxxv; the Biaritz shells, xxxv; the nummulitic beds, xxxvi—xxxix; the Glarus slates and Monte Bolca limestone, xxxvii; Mr. Prestwich on the English tertiaries, xxxvii; Sir R. I. Murchison on the Flysch, xxxvii; the date of the upheaval of the Alps, xxxviii; the extent of the post-eocene seas, xxxix; the granitic rocks of the Alps, xl; the folded strata of the Alps, xli; the paroxysmal hypothesis, xliii; M. d'Archiac's 'History of the Progress of Geology,' xliii; M. d'Archiac on active volcanoes, xliii; comparison of disturbing causes in ancient and modern times, xlv; changes in the organic and the inorganic worlds, xlv; continuance of existing faunæ during alterations of level in the Mississippi valley and in Scandinavia, xlvii; the volcanic rocks of the Alps and Pyrenees, xlviii; the relation between the axis of the Alps and the strike of the strata, xlix; the dolomites and gypsum of the Alps, xlix; the effects of expansion and contraction on the strata of the Alps, l; the crystallization of granite, li; the nagelflue and its origin, li; the gradual subsidence of seabottoms, liii; the great length of time required for denudation and oscillation of lands, lv; the dislocations and lateral movements of the Alps, lvii; the age of the granitic rocks of the Alps, lix; the formation of granite and mineral veins in modern times, lx; the erratics of the Alps, lxii; glaciers and icebergs, lxii; Mr. Hopkins on the elevation and denudation of the Lake district, lxiii; the improbability of the occurrence of cataclysmal waves, lxiv; the glacial theory, lxv; comparison of the climate of the carboniferous epoch with that of the present age, lxv.
 Lyell, Sir C., on craters of denudation, and on the structure and growth of volcanic cones, 207.
 Mammalian remains at Brentford, Mr. J. Morris on the occurrence of, 201.
Manon —, 330.
 Mantell, Dr. G. A., on the remains of *Dipornis* and other birds, and on fossils and rock-specimens from the Middle Island of New Zealand, 319.
 —, on the Northern Island of New Zealand, 319.
 —, Mr. R. N., on the oolite of Wilts, 310.
Marginella conformis, 45.
Marginopora —, 31.
 Marl, in Cambridgeshire, Mr. W. J. Hamilton on a bed of freshwater, 451.
 Mastodon angustidens, discovery of a skeleton of, near Asti in Piedmont, 252.
 Metamorphic rocks of Nova Scotia, 347.
 Mexico, volcanic rocks of Northern, 251.
Mitra Hemikeri, 46.
 — *varicosa*, 46.
 Monte Bolca limestone and Glarus slates, noticed, xxxvii.
 Monte Nuovo, noticed by Sir C. Lyell, 225.
 Monts Dor and Cantal, noticed by Sir C. Lyell, 234.
 Moore, Mr. J. C., on some tertiary beds in the island of San Domingo, 39.
 —, on shells in the Till, 388.
 Morris, Mr. J., and Mr. J. Lycett, on

INDEX TO THE PROCEEDINGS.

- Pachyrisma, a fossil genus of lamelli-branchiate mollusca, 399.
- Morris, Mr. J., award of Donation Fund to, xxvi; reply on receiving it, xxvi.
- , on the occurrence of mammalian remains at Brentford, 201.
- , on *Zamites gramineus*, 199.
- Mount Loa, noticed by Sir C. Lyell, 232.
- Murchison, Sir R. I., on the structure of the Alps, Carpathians and Apennines, noticed, xxxiv; on the Flysch, noticed, xxxvii; on the detritus of the Alps, 66; on the earlier volcanic rocks of the Papal States and the adjacent parts of Italy, 281; on the vents of hot vapour in Tuscany, and their relations to ancient lines of fracture and eruption, 367.
- Murex Domingensis*, 49.
- Mytilus Beirensis*, 187.
- *Morrisii*, 187.
- Nagelflue, and its origin, noticed, li.
- Naiadaceæ, Prof. J. Buckman on the, 415.
- Naiadita lanceolata*, 415.
- *obtusa*, 415.
- *petiolata*, 415.
- Nash Scar limestone, Mr. J. E. Davis on the, 432.
- Natica subclausa*, 51.
- *Lusitanica*, 192.
- Nerinaæ, Mr. D. Sharpe on the genus, 101.
- Nerinaæ annulata*, 112.
- *Archimedis*, 103.
- *Bruntrutana*, 104.
- *Conimbrica*, 114.
- *Dupiniana*, 103.
- *Eschwegii*, 113.
- *grandis*, 104.
- , list of species of, 105.
- *nobilis*, 111.
- *Olisiponensis*, 114.
- *Titan*, 112.
- *turbinata*, 113.
- Nerinella, list of species of, 105.
- , Mr. D. Sharpe on the subgenus, 103.
- Nerita turbinata*, 192.
- Neritina bicornis*, 192.
- New red sandstone of Dumfriesshire, Mr. R. Harkness on the, 389.
- New Zealand, Dr. G. A. Mantell on the geology of the Middle and Northern Islands of, 319.
- , Prof. E. Forbes on the fossiliferous deposits in the Middle Island of, 343.
- Nicol, Mr. James, on the Silurian strata of the south-east of Scotland, 53.
- Nile-Valley, Mr. L. Horner on sculptured marks in the, 384.
- Nith, Mr. R. Harkness on the new red sandstone of the Vale of the, 389.
- Notices of deceased Fellows, xxvii—xxxii.
- Nova Scotia, the metamorphic and metalliferous rocks of Eastern, 347.
- Nucula (Leda) Phillipsii*, 318.
- Nummulina, Dr. Carpenter on the structure of, 21.
- Nummulina complanata*, 25.
- *lævigata*, 22.
- Nummulitic rocks, noticed, xxxviii.
- , Dr. Boué on the, noticed, xxxv.
- Old red conglomerate of the Eastern Lammermuirs, Mr. W. Stevenson on the, 418.
- Oliva cylindrica*, 45.
- Onekakara, pleistocene clay of, 330.
- Oniscia Domingensis*, 47.
- Oolite of Leckhampton Hill, Rev. P. B. Brodie on the inferior, 239.
- of Wilts, Mr. R. N. Mantell on the, 310.
- Orbitoides, Dr. Carpenter on the structure of, 32.
- Orbitoides Mantellii*, 32.
- *Prattii*, 33.
- Orbitolites, Dr. Carpenter on the structure of, 30.
- Orbitolites complanata*, 31.
- Ostrea Haitensis*, 53.
- Ototara limestone, 328.
- Pachyrisma, Messrs. Morris and Lycett on the genus, 399.
- Pachyrisma grande*, 401.
- Palæoniscus, Sir P. G. Egerton on the genus, 4.
- Palæoniscus arcuatus*, 7.
- *Beaumonti*, 6.
- *catopterus*, 4.
- *decorus*, 7.
- *Egertoni*, 5.
- *Gelberti*, 5.
- *macrophthalmus*, 6.
- *megacephalus*, 6.
- *Monensis*, 5.
- *ornatus*, 4.
- *pygmæus*, 6.
- *speciosus*, 4.
- *Tchefkini*, 5.
- Palichthyologic notes, No. 3, by Sir P. G. Egerton, 1.
- Palma, island of, noticed by Sir C. Lyell, 213.
- Paroxysmal hypothesis, noticed, xlv.
- Pecten inæqualis*, 52.
- (*Janira*) *inconstans*, 188.
- *Lusitanicus*, 189.
- *oxygonus*, 52.
- *Thetidis*, 52.
- Pectunculus acuticostatus*, 53.

INDEX TO THE PROCEEDINGS.

- Perna? fragilis*, 189.
 — *Lusitanica*, 189.
 — *polita*, 190.
Petalocochus Domingensis, 51.
Pinnularia —, 332.
 Pleurolepis, Sir P. G. Egerton on the genus, 3.
 Pleurotoma consors, 50.
 — Haitense, 50.
 — *Henikeri*, 50.
 — Jaquense, 51.
 — *venustum*, 50.
Polycystina —, 332.
 Portugal, list of organic remains found in the secondary strata of, 170.
 —, Mr. D. Sharpe on the hippurite limestone of, 139.
 —, —, on the Jurassic series of, 156.
 —, —, on the secondary rocks of, 135.
 —, —, on the species of *Nerinæa* found in, 101.
 —, —, on the subcretaceous series of, 141.
 Post-eocene seas, extent of, noticed, xxxix.
 Prestwich, Mr. J., on the English tertiaries, noticed, liv.
 —, on the structure of the strata between the London clay and the chalk, 252.
 Pygmatis, list of species of, 108.
 —, Mr. D. Sharpe on the subgenus, 104.
Pustulopora Zealandica, 331.
Pyramidella? sagittata, 193.
 Pyrenees, volcanic rocks of the, noticed, xlviii.
 Pyrula consors, 49.
Pyridicula —, 332.
 Relation between the strike of the strata and the axis of the Alps, noticed, xlix.
 Report, Annual, i.
 — of the Library Committee, ix.
 — of the Museum Committee, iii.
 Rocca Monfina, noticed by Sir R. I. Murchison, 300.
Rostellaria Costæ, 193.
 Ruxton, Lieut. G. F., on the volcanic rocks of Northern Mexico, 251.
 St. Paul, island of, noticed by Sir C. Lyell, 221.
 Santorin, noticed by Sir C. Lyell, 215.
 Scotland, Mr. J. Nicol on the Silurian rocks of the south-east of, 53.
 Secondary rocks of Portugal, 135.
 Sharpe, Mr. D., on the genus *Nerinæa*, 101.
 —, on the secondary district of Portugal, north of the Tagus, 135.
Sigillaria, and some accompanying spores, noticed by Mr. E. W. Binney, 17.
 Silurian rocks of south-eastern Scotland, 53.
 Sismonda, Prof. E., on the discovery of a skeleton of *Mastodon angustidens* near Asti, in Piedmont, 252.
 Smith, Mr. J. (of Jordan Hill), on the occurrence of marine shells in strata below the Till, 386.
 —, on the shells of the Till near Wick, 386.
 Soffioni of Tuscany, noticed by Sir R. I. Murchison, 367.
Solarium quadriseriatum, 51.
 Spain, the geology of, 406.
Spirifer Beirensis, 191.
Spondylus bifrons, 53.
Stauroneis Zealandica, 332.
 Stevenson, Mr. W., on a gap in the greywacke formation of the Eastern Lammermuir filled by old red conglomerate, 419.
 Stowe, Mr. W., on a cutting in the railway near Buckingham, 135.
 Strickland, Mr. H. E., on a section of Leckhampton Hill, 239.
Strombus ambiguus, 48.
 — *bifrons*, 48.
 — *Haitensis*, 48.
 — *proximus*, 48.
 Subcretaceous series of Portugal, 141.
 Subsidence of sea-bottoms, noticed, liii.
Surrirella —, 332.
 Swindon, oolitic beds at, noticed by Mr. R. A. C. Austen, 464.
 Sydney coal-field, Mr. R. Brown on the lower coal-measures of the, 115.
 Taranaki, infusorial earth of, 332.
Tellina Sobralensis, 190.
Terebra bipartita, 47.
 — *inæqualis*, 47.
 — *obconica*, 194.
 — *sulcifera*, 47.
Terebratula Beirensis, 192.
 — *Gualteri*, 329.
 Tertiaries of the Moray Firth and the great Caledonian valley, the Rev. J. G. Cumming on the, 10.
 Tertiary strata in the island of San Domingo, Mr. J. C. Moore on some, 39.
 Tertiary strata, Mr. J. Prestwich on the lower, 252.
 Tertiary strata and their dislocations in the neighbourhood of Blackheath, the Rev. H. M. De la Condamine on the, 441.
Textularia —, 330.
 — *aciculata*, 330.
 — *elongata*, 330.

INDEX TO THE PROCEEDINGS.

- Till, Mr. J. C. Moore on shells in the, 388.
 —, near Airdrie, Mr. J. Smith (of Jordan Hill) on shells in the, 386.
 —, of Caithness, Mr. J. Cleghorn on the, 385.
Toxaster Couloni?, 197.
 Travertine, Sir R. I. Murchison on, 287.
Trigonia Lusitanica, 190.
 Trilobites, Mr. T. W. Fletcher on Dudley, Part I. 235; Part II. 402.
Triton simillimus, 48.
Trochalia, list of species of, 107.
 —, Mr. D. Sharpe on the subgenus, 103.
 Trowbridge, oolite and fossils at, noticed by Mr. R. N. Mantell, 310.
Turbinellus Haitensis, 50.
 — *validus*, 50.
Turbinolia —, 331.
Turbo Mundæ, 194.
Turritiles Beirensis, 194.
Turritella Cintrana, 194.
 — *rosea*, 331.
 Tuscany, vents of hot vapour (Soffioni) in, 367.
 Tylor, Mr. A., on productive iron ore in the eocene formation of Hampshire, 133.
Typhis alatus, 48.
 Upheaval of Alps, date of, noticed, xli.
 Valley of the English Channel, Mr. R. A. C. Austen on the, 69.
 Venetian Alps, M. de Zigno on the stratified formations of the, 422.
 Vents of hot vapour (Soffioni) in Tuscany, 367.
 Volcanic cones, Sir C. Lyell on the structure and growth of, 207.
 Volcanic rocks of Italy, Sir R. I. Murchison on the earlier, 281.
 — of Northern Mexico, Lieut. G. F. Ruxton on the, 251.
Voluta pulchella, 46.
 — *soror*, 46.
 Waihora, infusorial earth from the lake, 333.
 Waikonaiti, remains of birds at, 334.
 Wanganui, pleistocene clay of, 332.
 Weston, Mr. C. H., on the diluvia and valleys in the vicinity of Bath, 449.
 Wilts, oolite of, noticed by Mr. R. N. Mantell, 310.
 Wollaston Donation Fund, award of, xxvi.
 Wollaston medal, award of, xxiii.
 Wood, Mr. S. V., on the age of the upper tertiaries in England, 201.
Zamites gramineus, 199.
 Zigno, M. Achille de, on the stratified formations of the Venetian Alps, 422.

END OF VOL. VI.