

GENERAL INDEX TO VOLS. I.-VII.

OF THE

PROCEEDINGS AND TRANSACTIONS

OF THE

NOVA SCOTIAN INSTITUTE OF NATURAL SCIENCE.

[N. B.—In the following Index, Roman numerals refer to Volumes, Arabic numerals enclosed in brackets to Parts of Volumes, and Arabic numerals not thus enclosed to pages. Thus II (4), 63, means Vol. II, Part 4, Page 63. References to Parts are given only in the case of Vols. I. and II., the pagination in the succeeding volumes being continuous. It should be noted that on the first page of Vol. I, Part 2, and of Vol. I, Part 3, respectively, Vol. II, Part 2, and Vol. II, Part 3, were printed by mistake.

The specific names of plants, animals, etc., which occur in this Index are the names of plants, animals, etc., either forming the subjects of separate communications, or referred to in papers whose titles would not lead the reader to look for references to them there, or referred to in the minutes of the Proceedings of the Society. It has not been thought desirable to include in the Index references to species of plants, animals, &c., which are discussed in papers whose titles would lead the reader to turn to them for such species.

Plants, animals, &c., are referred to under their common or their scientific names according to the usage of the author cited. Hence readers seeking information should turn both to the scientific and to the common name.

Under names of places have been entered all papers referring to such places in their titles, and papers which discuss the geology, &c., of such places, but whose titles would not lead the reader to suspect such discussion. But no attempt has been made to give a complete index to places referred to in the Transactions; and thus places referred to in general papers (*e. g.*, The Superficial Geology of Nova Scotia) are not cited in the Index.

Under such general headings as Zoology, &c., only those papers are cited whose titles do not admit of more specific references.]

- A**BORIGINAL Inhabitants of Nova Scotia..... I, (3), 6.
 Aboriginal Remains of Nova Scotia—Illustrated by the Provincial Museum
 Collections. By Harry Piers..... VII, 276.
 Acadian Geology, Notes on New Points and Corrections in. By J. W.
 Dawson..... II, (3), 166.
 Acclimatization, Provincial. By Capt. Hardy..... I, (3), 15.
 Affinity of Races, The. By Wm. Gossip..... III, 288.
 Agates, On. By A. S. Foord II, (4), 63.
 Agriculture Allied to Chemistry. By A. P. Reid..... III, 404.
 Albicore, Some Account of the. By Rev. John Ambrose .. . I, (2), 34.
ALLISON, AUGUSTUS—*Limnoria terebrans*..... II, (4), 3.
 “ General Meteorological Register for 1880, Halifax, N. S.,
 V, Table following p. 314.
ALLISON, FREDERICK—Notes on the Weather at Halifax, N. S.. during the
 year 1867 II, (2), 74.
 “ Temperature of Halifax in Comparison with Glace Bay II, (3), 4.
 “ Meteorological Observations at Halifax, N. S., during the year
 1868 II, (3), 109.
 “ Extremes of Pressure during the winter of 1869-70 II, (4), 100.
 “ On the Meteorology of Halifax III, 80, 176, 394; IV, 42.
 “ General Meteorological Register, Halifax, for 1871 and 1872,
 III, 186, 314.
 “ On the Progress of Weather Knowledge III, 315.
 “ Canadian Weather Telegraphy and Storm Signals..... III, 370.
 “ The Semi-daily Fluctuation of the Barometer..... IV, 157.
 “ Nova Scotian Meteorology IV, 300.
 “ Meteorological Phenomena, Occasional and Periodical..... IV, 429.
 “ Obituary Notice of..... V, 5.
 Amalgamation Process for Extracting Gold from Quartz, On some Recent
 Improvements in the. By George Lawson .. . I, (4), 71
AMBROSE, REV. JOHN—Some account of the Petrel, the Sea Serpent, and
 the Albicore, as observed at St. Margaret's Bay, together
 with a few observations on a Beach-mound or Kitchen-
 Midden, near French Village..... I, (2), 34.
 “ Observations on the Sea-Birds frequenting the coast of St. Mar-
 garet's Bay, N. S..... I, (3), 51.
 “ Observations on the Fishing Grounds and Fish of St. Mar-
 garet's Bay, N. S..... I, (4), 33; II, (1), 67.
 “ On the Fishes of St. Margaret's Bay II, (2), 87.
 “ Providential Warning to the Lower Animals .. . II, (4), 57.
 “ Our Fishes and their Enemies VII, 394.
Anarta Acadiensis, new species..... II, (3), 2.
Anas spectabilis..... II, (2), 73.
 Angler Fish, Devil Fish, Goose Fish, etc., etc., On the Bones of. By R.
 Morrow..... V, 340.
 Animal Life on European Mountains..... II, (1), 4.

- Animals, Effect of atmospheric changes on II, (4), 57.
 Ankerite Veins of Londonderry, Nova Scotia, On the. By Henry Louis. .V, 47.
 Annapolis and Kings Counties, Precarboniferous Formations of. By Rev.
 D. Honeyman IV, 337.
 Annapolis County, Geology of, continued. By Rev. D. Honeyman.....V, 119.
 Antigonish County, Crystalline Rocks of. By Rev. D. Honeyman.....VI, 299.
 " Geology of. By Rev. D. Honeyman ...I, (4), 106 ; IV, 47.
 " A Revision of the Geology of. By Rev. D. Honeyman ..VI, 308.
 Antiquity of Man, Enquiry into the. By Wm. Gossip.....I, (3), 80.
 Antiquity of Man in America, On the. By Wm. GossipII, (3), 35.
Apios tuberosa VI, 282.
 Archæan Gneisses of the Cobequid Mountains. Magnetic. By Rev. D.
 Honeyman V, 271.
 Archaeology, Nova Scotian—Ancient Pottery. By Rev. D. Honeyman..V, 217.
Ardea albaII, (2), 72.
Ardea candidissimaII, (2), 73.
Asaphus ditmarsiae.....V, 18.
 Ashbourne, Field Meeting at, June 26th, 1866. By W. G.....I, (4), 147.
Aspidium goldianumVI, 72.
 Asters, Nova Scotian. By J. SomersIV, 239.
 Atmospheric Changes, Effect of, on AnimalsII, (4), 57.
 Auk, the Great, Mummy of. Letter from the Bishop of Newfoundland.I, (3), 145.
 " Specimen ofI, (4), 4.
 Auriferous Deposits of Nova Scotia, The. By P. S. Hamilton.....I, (4), 43.
 Aurora, Note on Peculiar. By Prof. J. G. MacGregor.....VI, 100.
 Aylesford, Kings County, N. S., Geology of. By Rev. D. Honeyman....VII, 7.
 Aztec characters on stone found near DigbyIV, 233.

- B**ACKWOODS of Shelburne and Weymouth, A fortnight in the. By J.
 Matthew Jones.....II, (1), 48.
BALL, REV. E. H.—The Indigenous Ferns of Nova ScotiaIV, 146.
 " On Nova Scotian Ferns.....V, 13.
 Barometer, The Semi-Daily Fluctuation of the. By Frederick Allison ..IV, 157.
 Batrachians, Fossil, in Coal Formation of South Joggins. By Principal
 DawsonIV, 234.
 Bay of Fundy, Cetaceans inhabiting theIV, 21.
 " On the Tides of the. By P. S. Hamilton.....II, (1), 35.
 " Tides of the. By M. Murphy VII, 48.
 Beach Mound, or Kitchen-Midden, near French Village, Observations on.
 By Rev. John Ambrose.....I, (2), 34.
 Beaver, Abnormal growth of tooth inIV, 333.
 Beaver in Nova Scotia. By Capt. HardyII, (1), 17.
 Beaver Dam in Digby County, Nova Scotia, Sept., 1871, On the construc-
 tion of a. By J. Bernard Gilpin.....III, 152.
 Beaver and Muskrat of Nova Scotia, On the Dwellings of. By J. Bernard
 GilpinV, 275.
 Bedford Basin, Glacial action in. By Rev. D. Honeyman.....VI, 251.

- Bedford, Sackville and Hammond's Plains, Notes on the Geology of. By Alfred Hare V, 309.
- Belleveau Mining Operations, Geology of the site of the. By Rev. John Burwash IV, 309.
- BELT, THOMAS, F. G. S.—Some recent movements of the earth's surface. I, (1), 19.
 " List of Butterflies observed in the neighbourhood of Halifax, Nova Scotia I, (2), 87.
 " The Production and Preservation of Lakes by Ice-action I, (3), 70.
 " The Glacial Period in North America I, (4), 91.
 " Obituary notice of V, 4.
- Belt's application of Sodium as a flux of gold I, (4), 6.
- Bermuda, Hurricane of 1839 I, (4), 4.
- Bermudas, Contributions to the Natural History of the. By J. M. Jones.
 I, (2), 14; II, (2), 7.
 " On the Geological Features of the. By J. M. Jones I, (4), 18.
 " Vegetation of the. By J. Matthew Jones III, 237.
- BETHUNE, REV. CHAS. J. S.—Nova Scotian Lepidoptera. II, (3), 78.
- Birds (Land) of Nova Scotia. By A. Downs I, (3), 38; I, (4), 130.
- Birds, Migration of II, (2), 3.
- Birds of Nova Scotia, A Catalogue of the. By A. Downs VII, 142.
 " On some of the Rarer. By J. Matthew Jones II, 70.
- Birds of Prey of Nova Scotia. By J. Bernard Gilpin V, 255.
- Birds (Sea) frequenting St. Margaret's Bay I, (3), 51.
- Birds (Shore) of Nova Scotia. By Bernard Gilpin V, 376.
- Blarina*, found near Halifax I, (4), 5.
- Blockhouse Seam, Cow Bay, Cape Breton, On a Peculiarity in the. By John Rutherford II, (3), 18.
- Blomidon, N. S., Lonisite, a new mineral from V, 15.
- Blood, Fibrin of the III, 367.
- Blowpipe Reagent, Potassic Iodide as a. By Fred. A. Bowman VII, 363.
- Bones in Birds, Structure of, and their differences in the various Species. By Pierre Camper. (Translated by R. Morrow) IV, 403.
- Botrychium*, Localities for species of VI, 73.
- Boulder, The History of a. By Rev. D. Honeyman III, 321.
- Boulders, Glacial, of our Fisheries and attached Invertebrates VII, 205.
- BOWMAN, FRED. A., Potassic Iodide as a Blowpipe Reagent VII, 363.
- Brine Springs of Nova Scotia. By Henry How I, (3), 75.
- BURWASH, REV. JOHN. Geology of the Site of the Belleveau Mining Operations IV, 309.
- Butterflies, List of Nova Scotian. By Arthur P. Silver VII, 86.
- Butterflies observed in the neighbourhood of Halifax, Nova Scotia, List of. By Thomas Belt I, (2), 87.
- Caledonia Coal Mine, Little Glace Bay, Cape Breton, in 1867, On the Meterology of the. By Henry Poole II, (2), 51.
- Calluna vulgaris* IV, 167.
 " at St. Ann's Bay, etc. I, (3), 3 and 30.

- CAMERON, A. Notes on the Geology of Point Pleasant V, 307.
Campanula rotundifolia VI, 70.
 CAMPBELL, GEORGE G. List of Plants collected in the neighbourhood of
 Truro, Nova Scotia, during the Summers of 1883 and 1884... VI, 209.
 " Supplementary List of Plants collected in and around Truro,
 during the Summer of 1885..... VI, 283.
 CAMPER, PIERRE. On the Structure of the Bones in Birds, and their
 differences in the various Species. Translated by R. Morrow.... IV, 403.
 Canada, Ericaceæ of III, 74.
 " Flora of I, (2), 75.
 " Laminariaceæ of II, (4), 109.
 " Ranunculaceæ of..... II, (4), 17.
 " Glacial Distribution in VI, Appendix, p. xiii.
 Canadian Species of the Genus *Melilotus*. By Prof. George Lawson VI, 180.
 " Species of Rubi and their Geographical Distribution III, 364.
 " Weather Telegraphy and Storm Signals III, 370.
 Cape Breton and Nova Scotia, Geological Gleanings in. By Rev. D.
 Honeyman VII, 345.
 Cape Breton, The Carboniferous of. By E. Gilpin, Jr.... VI, 289; VII, 24, 100.
 " The Devonian of. By E. Gilpin, Jr..... VII, 381.
 " Geology of. By Rev. D. Honeyman III, 193.
 " Glacial Geology of. By Rev. D. Honeyman..... VII, 337.
 " The Minerals of the Carboniferous of. By E. Gilpin, Jr. VII, 214.
 Caplin, On the. By Capt. C. Hardy I, (2), 4.
 Carboniferous District of St. George's Bay, Newfoundland, Sketch of the.
 By Edwin Gilpin III, 357.
 Carboniferous Flora, with Attached Spirorbæ. By Rev. D. Honeyman, VII, 93.
 Carboniferous Limestone, Lower, of Hants Co., Occurrence of Trilobite in,
 I, (1), 87.
 Carboniferous of Cape Breton, The. By Edwin Gilpin, Jr., VI, 289; VII, 24, 100.
 Carboniferous of Cape Breton, Minerals of..... VII, 214.
 Carboniferous Period, Ice in the. By Henry S. Poole..... VII, 202.
 Caribou, Color of, resembling that of the Ground they frequent..... II, (1), 3.
 Caribou, Notes on the. By R. Morrow..... IV, 179, 281.
 Carnot's Cycle in Thermodynamics. By Prof. J. G. MacGregor VII, 227.
Cerastium arvense VI, 69.
 Cetacean, fossil, found in New Brunswick..... III, 401.
 Cetaceans, Smaller, inhabiting the Bay of Fundy and Shores of Nova
 Scotia. By J. Bernard Gilpin IV, 21.
 "Challenger" Scientific Expedition—Visit to Halifax. By W. G..... III, 335.
 Chevallier, Edgecumbe—Suggestions on the Importance of Continuous Me-
 teorological Observations II, (1), 121.
Circium muticum VI, 281.
Clupea elongata I, (1), 4.
 Coal Field, DeBert, Colchester Co VI, 93.
 Coal Field of Pictou, Explorations in. By R. G. Haliburton. II, (1), 93; II, (3), 155.
 " " Precarboniferous Rocks of III, 105, 141.

- Coal Field of Pictou, Southern Synclinal of IV, 89.
 " " Surface Geology of VII, 388.
- Coal Formation of South Joggins, Fossil Batrachians in IV, 234.
- Coal Seam of Pictou, Analysis of VI, 42.
- Coal Seams in Nova Scotia, On the Characteristic Fossils of. By Henry Poole I, (1), 30.
- Coal Trade of the New Dominion, The. By R. G. Haliburton II, (1), 81.
- Coals, Spring Hill, Analysis of IV, 98.
- Cobalt in Slate in Hants Co I, (1), 85.
- Cobalt Sulphate, The Density of Weak Solutions of. By A. M. Morrison, VII, 481.
- Cobequid Mountains, Archaean Gneisses of the. By Rev. D. Honeyman, V, 271.
- Cod and other Fishes, Diminution of, in Nova Scotian Waters IV, 104.
- COGSWELL, A. C.—Comparative Anatomy and Pathology of the Human Teeth III, 156.
- Colchester County, The De Bert Coal Field VI, 93.
- " " Geology of. By Prof. D. Honeyman VI, 52; VII, 36.
- Cole Harbour, Field Day, Sept. 21st, 1864. By W. G I, (2), 97.
- Coleoptera, Nova Scotian. By J. Matthew Jones II, (3), 141.
- Colorado, Flora of, Correspondence between it and that of Nova Scotia, IV, 122.
- Compositae, Notes on Nova Scotian: Aster. By J. Somers IV, 239.
- Conifers, Nova Scotian. By Colonel Hardy I, (4), 120.
- Conversazione, Jan. 20th, 7 p. m., 1873. By D. Honeyman, Sec'y III, 334.
 " " Feb. 12th, 1874. By H III, 439.
- Copper and Nickel Mines at Tilt Cove, Newfoundland, On the. By Elias Marett III, 27.
- Corals from Little Banquereau, north of Sable Island V, 116.
- Cow Bay, C. B., Peculiarity in Blockhouse Seam II, (3), 18.
- Crookes' Experiments on Amalgamation of Gold I, (4), 6.
- Crystalline Rocks of Antigonish County, Polaroscopic Examination of. By Rev. D. Honeyman VI, 299.
- Crystalline Rocks of Nova Scotia and Cape Breton, Notes of a Polaroscopic and Microscopic Examination of. By Rev. D. Honeyman VI, 121.
- Crystalline Rocks of the Yarmouth Gold-Bearing Series, Notes on a Polaroscopic Examination of. By Prof. Honeyman VI, 7.
- Cub found in a Bear's Den, Jan. 12, 1880. By Dr. J. Bernard Gilpin V, 151.
- Cumberland Basin, Submerged Forest Trees in II, (2), 94.
- Cumberland Coal Field, The Northern Outcrop of the. By Edwin Gilpin V, 387.
- Currents in the Gulf of St. Lawrence, and their danger to Navigation, Observations on the. By John J. Fox VI, 302.
- Currents on the N. E. Coast of America, Letter from Sir Alex. Milne concerning I, (3), 140.
- Customs of natives as materials for a history of man I, (1), 61.
- Cypripedium acaule*, pure white VI, 281.

- D**AWSON, SIR J. W.—Note on a species of *Gemellaria* from Sable Island, I, (3), 3.
 “ Notes on new points and corrections in Acadian Geology, II, (3), 166.
 “ Fossil Batrachians in Coal Formation of South Joggins IV, 234.
- DeBert Coal Field, Colchester County, N. S., Notes on the. By Edwin Gilpin VI, 93.
- Deep Creek Valley on the Nevada Frontier, Journey to III, 150.
- DEMILL, PROF. J., M. A.—Obituary notice of V, 115.
- DESBRISAY, M. D.—A Letter about ancient Pottery V, 218.
- Desert, The Great American. By Henry S. Poole III, 208.
- Devil Fish, Goose Fish, etc., etc., On the Bones of. By R. Morrow V, 340.
- Devonian of Cape Breton. By E. Gilpin, Jr. VII, 381.
- DEWAR, ANDREW.—Spontaneous Generation or Predestinated Generation, IV, 34.
 “ Magnetism the life of the world V, 58.
- Diamond found in Kings County, N. S. II, (3), 2.
- Diatomaceous Clay in Lakes of Halifax Water Works V, 114.
- Digby County, Construction of a Beaver dam in III, 152.
 “ Geology of. By Rev. D. Honeyman V, 227.
- Diurnal Lepidoptera, Nova Scotian, Review of III, 18, 100.
- Dolphins of Nova Scotia. By J. B. Gilpin IV, 21.
- DOWNS, ANDREW.—On the Land Birds of Nova Scotia I, (3), 38 ; I, (4), 130.
 “ Pied or Labrador Duck VI, 326.
 “ A Catalogue of the Birds of Nova Scotia VII, 142.
- Duck, Pied or Labrador. By A. Downs VI, 326.
- DUVAR, J. HUNTER.—On the Pearl I, (2), 86.
 “ Some additions to the Game of Nova Scotia I, (3), 59.
- E**AGLES of Nova Scotia. On the. By J. Bernard Gilpin III, 202.
- Earthquakes, Contribution to the theory of. By Rev Mytton Maury,
 D. D. VII, 475.
- Earth's Crust, Zones of Lines of Elevation in the. By Angus Ross...III, (2), 126.
- Earth's Surface, Some recent movements of the. By Thos. Belt I, (1), 19.
- East Indian Herbarium of King's College, Windsor. By Prof. How IV, 369.
- East River, Pictou Co., Iron Deposits of II, (4), 67.
- Echinodermata, Nova Scotian. By Rev. D. Honeyman VII, 253.
- Echinus, Observations on the tentacles of. By Rev. M. Maury, D. D., VII, 479.
- Economic Mineralogy of Nova Scotia. By Prof. How....I, (2), 278 ; I, (3), 128 ;
 I, (4), 58 ; II, (2), 26 ; II, (3), 128.
- Economy of Timber and Preservation of structures from Fire and Decay.
 By A. P. Reid III, 326.
- Electric Current, Resistance to the Passage of, between amalgamated zinc
 electrodes and solution of zinc sulphate. By Prof. J. G. MacGregor, VI, 47.
- Electrolytes, On a new method of measuring the Resistance of. By Prof.
 J. G. MacGregor IV, 235.
- Engineers, Civil and Mining, Necessity of scientific training for IV, 379.
- Entomostraca, Notes on some Palaeozoic Bivalved. By Prof. T. Rupert
 Jones V, 313.

- Ericaceæ of the Dominion of Canada and adjacent parts of British America.
 By George Lawson..... III, 74.
- Evolution.—By Angus Ross .. III, 410.
- F**EATHER-ALUM (Halotrichite) from Glace Bay, C. B. By E. Gilpin...VI, 175.
- Ferns, Indigenous, of Nova Scotia. By Rev. E. H. Ball.....IV, 146.
- Ferns, Nova Scotian. By Rev. E. H. Ball.....V, 13.
- Festival of the Dead. By R. G. Haliburton.....I, (1), 61.
- Fibrin of the Blood—its constitution and functions as explained by Dr. Charles Girard, of Paris. By A. Ross III, 367.
- Field Mice, Swarming of, in Prince Edward IslandII, (4), 1.
- Fish and Fishing Grounds of St. Margaret's Bay, N. S., Some observations on the. By John Ambrose I, (4), 33 ; II, (1), 67.
- Fish Culture. By John T. Mellish V, 76.
- Fish, deep-sea, A supposed. By Rev. D. Honeyman.....VI, 85.
- Fish, etc.—Change of colour.....II, (1), 3.
- Fisheries, Natural History and the. By A. P. Reid IV, 131.
- Fishery Laws, St. John, N. B. II, (2), 1.
- Fishes and Fish Development. By Harry Piers.....VII, 95.
- Fishes (Food) of Nova Scotia. By J. Bernard Gilpin..I, (4), 11; I, (4), 76;
 II, (1), 101 ; II, (2), 17.
- Fishes, Identity of several species of American and European.....I, (4), 6.
- Fishes of Nova Scotia, List of the. By J. Matthew Jones.....V, 87.
- Fishes of St. Margaret's Bay. By Rev. J. Ambrose.....II, (2), 87.
- Fishes, Our, and their Enemies. By Rev. John Ambrose VII, 394.
- Flora of Canada, On the. By George Lawson I, (2), 75.
- Flora of Nova Scotia, A catalogue of the. By A. W. H. L.....IV, 184.
- " " " and that of Colorado and the adjacent Territories, On
 a correspondence between the. By John Somers, IV, 122.
- " " " Brief Notes on the, (Part I.) By Henry HowIII, 174.
- " " " Introduction to a Synopsis of the. By J. Somers. IV, 181.
- Food Fishes of Nova Scotia, On the. By J. Bernard Gilpin ... I, (4), 11 ;
 I, (4), 76 ; II, (1), 101 ; II, (2), 17.
- FOORD, ALFRED S.—Gems and their application to the Arts.....II, (3), 22.
- " " On Agates.....II, (4), 63.
- " " Remarks on the Geology and Physical Geography of the Northeast
 Coast of Kent, England, August, 1870.....III, 40.
- Forest, Nocturnal Life of Animals in the.....I, (1), 11.
- Fossil Batrachians in Coal Formation of South Joggins.....IV, 234.
- Fossil Bones found in New Brunswick, Dominion of Canada, Observations
 on some. By J. Bernard Gilpin.....III, 400.
- Fossils, Characteristic, of different Coal Seams in Nova Scotia. By Henry Poole.....I, (1), 30.
- Fox, JOHN J. Observations on the Currents in the Gulf of St. Lawrence,
 and their Danger to Navigation.....VI, 302.
- FRASER, THOS. R. Magnetism and its Connection with the Telegraph, II, (2), 36.
- Fresh-water Sponges of Nova Scotia. By A. H. McKay.....VI, 145,

- Frogs, etc., in Newfoundland. By E. Maret, I, (3), 6.
Fundy, Bay of. *See* Bay of Fundy.
Fungi, Nova Scotian. By J. Somers ..V, 188, 247, 332; VI, 286; VII, 18, 464.
Fungus, parasitical, on larva of May Beetle. By Harry Piers.....VII, 273.
- G**AME of Nova Scotia, Some additions to the. By J. H. DuvarI, (3), 59.
Game, Preservation of.....I, (3), 5.
Ganong, W. F., John Robert Willis, the first Nova Scotian Conchologist, a
MemorialVII, 404.
Garrots in Nova Scotia. By J. Bernard GilpinIV, 390.
Gaspereau, Habits of theI, (3), 6.
Gaspereaux, On the. By J. Bernard GilpinI, (3), 107.
Gays' River Gold Field, The Geology of. By Rev. D. Honeyman....II, (1), 76.
Genellaria from Sable Island, Note on a Species of. By Dr. Dawson,
Montreal.....I, (3), 3.
Gems and their application to the Arts. By A. S. FoordII, (3), 22
Geological Gleanings in Nova Scotia and Cape Breton. By Rev. D. Honey-
manVII, 345.
Geological Notes of Excursions with members of the British Association, and
others. By Rev. D. Honeyman.....VI, 166.
Geology of Nova Scotia and Cape Breton, Notes on the. By Rev. D.
Honeyman... III, 193.
GESNER, ABRAHAM.—Gold and its separation from other mineralsI, (1), 54.
GILPIN, EDWIN, JR.—Tho Grouping of the Pictou Coal SeamsIII, 281.
" Sketch of the Carboniferous District of St. George's Bay, New-
foundland III, 357.
" The Southern Synclinal of the Pictou Coal FieldIV, 89.
" Notes on Specimens of Iron Ores, etc., collected in Pictou County
for the Philadelphia ExhibitionIV, 137.
" On the necessity for Preliminary Scientific Training for Civil and
Mining EngineersIV, 379.
" The Limonite and Limestones of Pictou Co., N. S.....V, 31.
" On the occurrence of Lievrite in Nova ScotiaV, 253.
" The Trap Minerals of Nova ScotiaV, 283.
" The Northern Outcrop of the Cumberland Coal FieldV, 387.
" An Analysis of a Pictou Coal SeamVI, 42.
" Notes on the Debert Coal Feld, Colchester Co., N. S.....VI, 93.
" Notes on the Manganese Ores of Loch Lomond, C. B.VI, 97.
" Feather-Alum (Halotrichite), from Glace Bay, Cape BretonVI, 175.
" The Carboniferous of Cape BretonVI, 289; VII, 24, 100.
" The Geology of Cape Breton—The Minerals of the Carboniferous, VII, 214.
" The Geological Writings of Rev. D. HoneymanVII, 357.
" The Devonian of Cape BretonVII, 381.
GILPIN, J. BERNARD, M. D.—On the Common HerringI, (1), 4.
" Soricinae of Nova Scotia.....I, (2), 1.
" On Introduced Species of Nova Scotia..I, (2), 60.

- GILPIN, J. BERNARD, M.D. (continued).—On the Mammalia of Nova Scotia,
 I, (3), 8; II, (1), 8; II, (2), 58; II, (3), 8; II, (4), 8, 83; III, 46, 109.
 " On the Gaspereaux I, (3), 107.
 " On the Food Fishes of Nova Scotia...I, (4), 11, 76; II, (1), 101;
 II, (2), 17.
 " The Walrus II, (3), 123.
 " On the Construction of a Beaver Dam in Digby County, Nova
 Scotia, Sept., 1871..... III, 152.
 " On the Eagles of Nova Scotia III, 202.
 " On the Stone Age of Nova Scotia..... III, 220.
 " *Orthagoriscus Mola.* Couch. Taken Halifax Harbor, Oct., 1873, III, 343.
 " On the Seals of Nova Scotia..... III, 377.
 " Observations on some Fossil Bones found in New Brunswick,
 Dominion of Canada..... III, 400.
 " On the smaller Cetaceans inhabiting the Bay of Fundy and Shores
 of Nova Scotia..... IV, 21.
 " On the Serpents of Nova Scotia..... IV, 80.
 " Indians of Nova Scotia..... IV, 260.
 " On the Golden Eyes, or Garrots in Nova Scotia..... IV, 390.
 " On the Salmon of Nova Scotia..... V, 38.
 " Pottery in and around Grand Lake V, 114.
 " On the Semi-Annual Migration of Sea Fowl in Nova Scotia V, 138.
 " On a Cub found in a Bear's Den, Jan. 12, 1880 V, 151.
 " On the Birds of Prey of Nova Scotia V, 255.
 " On the Dwellings of the Muskrat and Beaver of Nova Scotia..... V, 275.
 " Shore Birds of Nova Scotia V, 376.
- Glace Bay, C. B., Coal District, Meteorology of II, (3), 100.
 " " " Feather-alum (Halotrichite) from VI, 175.
- Glacial Action, at Rimouski, Canada, and Loch Eck, Argyleshire, Scotland.
 By Rev. D. Honeyman VI, 119.
 " " in Halifax Harbour, North-West Arm, and Bedford Basin,
 Additional Notes on. By Rev. Dr. Honeyman..... VI, 251.
 " " Notes on, and on some physical features of Nova Scotia.
 By M. Murphy VI, 130.
 " " on the Atlantic Coast of Nova Scotia I, (3), 5.
- Glacial Boulders of our Fisheries and Invertebrates attached and detached.
 By Rev. D. Honeyman VII, 205.
- Glacial Distribution in Canada. By Rev. D. Honeyman....VI, Appendix, p. xiii.
- Glacial Geology of Cape Breton. By Rev. D. Honeyman..... VII, 337.
 " " of Nova Scotia. By Rev. D. Honeyman VII, 73.
- Glacial Period in North America, The. By Thomas Belt I, (4), 91.
- Glacial Problem, Our. By Rev. D. Honeyman VI, 242.
- Glacial Transportation in Nova Scotia and beyond. By Prof. D. Honeyman,
 VI, 34.
- Gneisses, Archæan, of the Cobequid Mountains: Magnetitic. By Rev. D.
 Honeyman V, 271.
- Gold and its separation from other minerals. By Abraham Gesner ...I, (1), 54.

- | | |
|------------------------------------------------------------------------------------------------------------------|-----------------|
| GOLD-bearing Deposits of Nova Scotia | I, (4), 43. |
| Gold-bearing Series of Yarmouth, Polariscopic examination of crystalline rocks of | VI, 7. |
| Gold Districts of Nova Scotia, Notes on the Structure of. By Henry Y. Hind | II, (3), 102. |
| Golden Eyes, or Garrots, in Nova Scotia, On the. By J. Bernard Gilpin, IV, 390. | |
| Gold Field of Gay's River, The Geology of. By Rev. D. Honeyman...II, (1), 76. | |
| Gold from Quartz, On some Recent Improvements in the Amalgamation Process for extracting. By George Lawson | I, (4), 71. |
| Goose Fish, etc., On the Bones of. By R. Morrow | V, 340. |
| GOSSIP, WILLIAM.—The Rocks in the Vicinity [of Halifax]..... | I, (2), 44. |
| " On the Occurrence of the Kjøkkenmoedding on the Shores of Nova Scotia. | I, (2), 94. |
| " Enquiry into the Antiquity of Man | I, (3), 80. |
| " On the Antiquity of Man in America | II, (3), 35. |
| " The Affinity of Races..... | III, 288. |
| " Anniversary Addresses | IV, 225; V, 99. |
| " Report of Delegate to the Royal Society, May, 1883..VI, Appendix p. I. | |
| " Paper on History and Work of the N. S. Institute of Natural Science | VI, 155. |
| " Obituary Notice of | VII, 319. |
| Grand Lake, etc., Field Day, Aug. 24th. By W. G..... | IV, 223. |
| Grand Lake, Pottery in | V, 114. |
| Grape Vines, Wild, On the Northern Limit of. By George Lawson..... | VI, 101. |
| GREEN, JACOB.—Description of a New Trilobite from Nova Scotia..... | VII, 63. |
| Gulf of St. Lawrence. Currents in | VI, 302. |

H

- H ALIBURTON, R. G.—The Festival of the Dead I, (1), 61.
 " The Coal Trade of the New Dominion II, (1), 81.
 " Explorations in the Pictou Coal Fields II, (1), 93 ; II, (3), 155.
 " The Traditions of Nations II, (4), 2.
 " New materials for the history of man, derived from a comparison of the customs and superstitions of natives I, (1), 61.
 HALIFAX, N. S., *Blarina* found near I, (4), 5.
 " Butterflies observed in the neighbourhood of I, (2), 87.
 " Chebucto Nullipores, with attaches VI, 8.
 " Extremes of pressure at, 1869-70 II, (4), 100.
 " Geology of Point Pleasant V, 307.
 " Heather at I, (3), 3.
 " Mean Temperature and Pressure, 1863-1866 II, (1), 120.
 " Meteorological observations at, during 1868 II, (3), 109.
 " Meteorological Record II, (2), 100.
 " Meteorological Register I, (2), 93 ; I, (3), 139 ; I, (4), 137 ;
 II, (1), 119 ; III, 186 & 314 ; V, 315.
 " Meteorological Summary, 1868 II, (3), 165.
 " Meteorology of III, 80, 176, 394 ; IV, 42.

- Halifax, N. S., Mean Temperature and Pressure, 1863-66 II, (1), 120.
 " Monthly and Yearly Means and Ranges, 1863-65 . . . I, (4), 138.
 " *Orthagoriscus Mola* taken at III, 343.
 " Rocks in the vicinity of I, (2), 44.
 " Temperature of, in comparison with that of Glace Bay . . . II, (3), 4.
 " Weather at . . . I, (2), 68 ; I, (3), 102 ; I, (4), 51 ; I, (4), 138 ;
 II, (1), 60 ; II, (2), 74.
- Halifax and Colchester Counties, Geology of. By Prof. D. Honeyman VI, 52; VII, 36.
- Halifax Harbour, North West Arm, and Bedford Basin, Additional Notes
 on Glacial Action in. By Rev. Dr. Honeyman VI, 251.
- Halotrichite, Feather-Alum, from Glace Bay, Cape Breton. By E. Gilpin . . . VI, 175.
- HAMILTON, P. S.—The Auriferous Deposits of Nova Scotia I, (4), 43.
 " On the Tides of the Bay of Fundy II, (1), 35.
 " On Submerged Forest Trees in Cumberland Basin II, (2), 94.
- Hammond's Plains. Notes on the Geology of Bedford, Sackville, and. By
 Alfred Hare V, 309.
- Hants County, Magnesia-Alum containing Nickel and Cobalt occurring in
 slate of I, (1), 85.
 " Occurrence of Trilobite in Lower Carboniferous Limestone
 of I, (1), 87.
- HARDY, BENJAMIN.—Letter on the Digby Herring I, (1), 10.
- HARDY, CAPT. C. C.—Nocturnal life of Animals in the Forest I, (1), 11.
 " On the Caplin I, (2), 4.
 " On Provincial Acclimatization I, (3), 15.
 " On the Beaver in Nova Scotia II, (1), 17.
- HARDY, LIEUT-COLONEL.—Nova Scotian Conifers I, (4), 120.
- HARE, ALFRED.—Notes on the Geology of Bedford, Sackville and Ham-
 mond's Plains V, 309.
- HARRIS, R. CARR.—On an important Reclamation of Land near Sack-
 ville, N. B. II, (3), 170.
- Heat, Chemical Relations of. By Professor Lawson III, 436.
- Heather at St. Ann's Bay, Cape Breton Island, Notice of the occurrence
 of. By George Lawson I, (3), 30.
- Heather in Halifax, etc. I, (3), 3.
- Herring, The Common. By J. Bernard Gilpin I, (1), 4.
- HILL, P. C., D. C. L. -Inaugural Address I, (1), 1.
- HIND, HENRY Y.—Notes on the structure of the Nova Scotia Gold Dis-
 tricts II, (3), 102.
- HONEYMAN, REV. DAVID, D. C. L.—Geology of Antigonish Co., N. S. . I, (4), 106.
 " The Geology of Gay's River Gold Field II, (1), 76.
 " On the Geological Features of the Londonderry Iron Mines, II, (1), 112.
 " Notes on Iron Deposits on East River in the County of Pic-
 tou, N. S. II, (4), 67.
 " Record of Observations on Nova Scotian Geology since 1855,
 III, 6, 31.

- HONEYMAN, REV. DAVID** (continued).—Record of Observations on the
Geology of Nova Scotia, since 1865..... III, 62.
 " Notes on the Montague Gold Mines III, 93.
 " On Pre-carboniferous Rocks of the Pictou Coal Field .. III, 105, 141.
 " On the Geology of the Iron Deposits of Pictou County III, 171.
 " Notes on the Geology of Nova Scotia and Cape Breton.....III, 193.
 " On the Metamorphism of Rocks in Nova Scotia and Cape
Breton..... III, 231.
 " The History of a Boulder III, 32.
 " Nova Scotian Geology : Intercolonial Railway.....III, 345.
 " Nova Scotian Geology.....III, 385 ; V, 16.
 " A Month among the Geological Formations of New Brunswick,
IV, 5 (printed 447 by mistake).
 " Nova Scotian Geology : Antigonish County..... IV, 47.
 " Nova Scotian Geology : Superficial..... IV, 109 ; V, 319.
 " Nova Scotian Geology at the Centennial Exhibition—Internation-
al Exhibition of 1876 IV, 252.
 " Pre-carboniferous Formations of Annapolis and Kings Coun-
ties. IV, 337.
 " Nova Scotian Geology : Pre-carboniferous, Lower Carbonifer-
ous, &c., Retrospect to 1859.....IV, 439.
 " Nova Scotian Geology : Notes to Retrospect of 1878.....V, 64.
 " Nova Scotian Geology : Annapolis County continued.....V, 119.
 " Nova Scotia Geology : Notes on a New Geological Progress
Map of Pictou County.....V, 192.
 " Nova Scotian Archeology—Ancient Pottery.....V, 217.
 " Nova Scotian Geology : Digby and Yarmouth Counties.....V, 227.
 " Archaean Gneisses of the Cobequid Mountains—Magnetic..V, 271.
 " Geological Notes. Metalliferous Sands.....V, 334.
 " Notes on a Polariscopic Examination of Crystalline Rocks of
the Yarmouth Gold-Bearing Series.....VI, 7.
 " Chebueto Nullipores, with Attaches VI, 8.
 " Glacial Transportation in Nova Scotia and Beyond.....VI, 34.
 " Nova Scotian Geology : Halifax and Colchester CountiesVI, 52.
 " A Supposed Deep-sea Fish..... VI, 85.
 " Glacial Action at Rimouski, Canada, and Loch Eck, Argyle-
shire, Scotland VI, 119.
 " Notes of a Polariscopic and Microscopic Examination of Crys-
talline Rocks of Nova Scotia and Cape Breton.....VI, 121.
 " Geological Notes of Excursions with Members of the British As-
sociation, and others VI, 166.
 " Louisburg—Past and Present—a Historico-Geological Sketch,
VI, 191.
 " Nova Scotian Ichthyology—addition to Jones' Catalogue of
1879..... VI, 228.
 " Our Glacial Problem VI, 242.

- HONEYMAN, REV. D. (continued).—Additional Notes on Glacial Action in
 Halifax Harbour, North West Arm and Bedford Basin ..VI, 251.
 " Polaroscopic Examination of Crystalline Rocks of Antigonish
 County.....VI, 299.
 " A Revision of the Geology of Antigonish Co., in Nova Scotia..VI, 308.
 " Nova Scotian IchthyologyVI, 328.
 " Glacial Distribution in Canada.....VI, App. p. xiii.
 " Geology of Aylesford, Kings County, N. S.....VII, 7.
 " The Nautilus of the Brookfield Limestone, *Nautilus Brookfieldi*,
 n. sp.....VII, 13.
 " Notes of Examination by Prof. James Hall, of the Silurian
 Collection of the Provincial MuseumVII, 14.
 " Geology of Halifax and Colchester CountiesVII, 36.
 " The Giant Trilobite of Moose River Iron Mine, N. S.....VII, 63.
 " Glacial Geology of Nova ScotiaVII, 73.
 " Carboniferous Flora, with attached Spirorbis.....VII, 93.
 " Our Museum Meteorites.....VII, 120.
 " Nova Scotian Superficial Geology, with map, systematized
 and illustrated.....VII, 131.
 " A Geological Recreation in Massachusetts Centre, U. S. A. VII, 197.
 " Glacial Boulders of our Fisheries and Invertebrates, attached
 and detachedVII, 205.
 " Nova Scotian Echinodermata.....VII, 253.
 " Two Cable Hauls of Marine Invertebrates,—by cable steamer
Minia, Capt. Trott, Commander ..VII, 260.
 " Glacial Geology of Cape Breton.....VII, 337.
 " Geological Gleanings in Nova Scotia and Cape Breton ...VII, 345.
 " Obituary Notice ofVII, 320.
 " Geological Writings of. By E. Gilpin, Jr.....VII, 357.
- How, PROF. HENRY.—On Magnesia-Alum, or Pickeringite, containing a
 little nickel and cobalt, occurring in slate, in Hants Co.... I, (1), 85.
 " Notice of the occurrence of a Trilobite in the Lower Carboniferous
 Limestone of Hants Co.....I, (1), 87.
 " On the Waters of the Mineral Springs of Wilmot, N. S.....I, (2), 26.
 " Notes on the Economic Mineralogy of Nova Scotia...I, (2), 78 ; I, (3), 128 ;
 I, (4), 58 ; II, (2), 26 ; II, (3), 128.
 " On some Brine Springs of Nova Scotia.....I, (3), 75.
 " Remarks on the Minerals prepared for the Paris Exhibition..II, (1), 25.
 " Brief Notes on the Flora of Nova Scotia. Part I.. III, 174.
 " On the analysis of two Spring Hill CoalsIV, 98.
 " Additions to the list of Nova Scotian PlantsIV, 312.
 " The East Indian Herbarium of King's College, Windsor.....IV, 369.
- HUNT, DR. T. STERRY. —Shad taken at Montreal.II, (2), 1.
- HURDIS, J. L.—Notes on Hurricanes and Revolving Gales of the North
 AtlanticI, (4), 5.
 " On North Atlantic StormsI, (4), 140.
 " rude Notes on Storms, and how to note themII, (2), 102.

- Hurricane of 1839, Bermuda I, (4), 4.
 Hurricanes and Revolving Gales of the North Atlantic, Notes on. By
 J. L. Hurdis I, (4), 5.
Hyla Squirella, a Batrachian, new to the Province. By J. M. Jones. II, (2), 101.
- I**CCE Action, The Production and Preservation of Lakes by. By Thomas
 Belt I, (3), 70.
 Ice in the Carboniferous Period. By Henry S. Poole. VII, 202.
 Ice, Occurrence of, in the form of non-crystalline columns. By Prof. J. G.
 MacGregor VII, 377.
 Ice Storm of January, 1881, The. By H. S. Poole. V, 297.
 Ice Storm of January 24th, 1881, Note to H. S. Poole's paper on the. By
 R. Morrow V, 298.
 Ichthyology of Nova Scotia, Contributions to the. By J. Matthew Jones,
 I, (1), 45.
 Ichthyology, Nova Scotian--Addition to Jones' catalogue of 1879. By
 Rev. D. Honeyman VI, 228.
 Ichthyology, Nova Scotian. By Rev. D. Honeyman VI, 328.
 Indians of Nova Scotia. By J. Bernard Gilpin. IV, 260.
 Indians, Red, of Newfoundland. I, (4), 3.
 Indians, Red, of Newfoundland. By Elias Maret. I, (4), 139.
 Insects, Scarcity of, in 1867, and its causes II, (1), 2.
 Institute of Natural Science, Retrospect of Proceedings of. By Wm.
 Gossip VI, 155.
 Intercolonial Railway, Geology of III, 345.
 Introduced Species of Nova Scotia. By J. Bernard Gilpin. I, (2), 60.
 Iodide of Potassium as a Blowpipe Reagent. VII, 363-
 Iron Deposits on East River in the County of Pictou, N. S., Notes on. By
 Rev. D. Honeyman II, (4), 67.
 Iron Deposits of Pictou County, On the Geology of the. By Rev. D.
 Honeyman III, 171.
 Iron Mines of Londonderry, their Geological Features. By Rev. D.
 Honeyman II, (1), 112.
 Iron Mines of Moose River, Great Trilobite of VII, 63.
 Iron Ores, etc., collected in Pictou County for the Philadelphia Exhibition,
 Notes on Specimens of. By Edwin Gilpin. IV, 137.
- J**APANESE Magic Mirror in the Provincial Museum, Remarks on the. By
 Harry Piers VII, 118.
 Joggins, South, Fossil Batrachians in Coal Formation of IV, 234.
 " " Geological Notes on VI, 166.
 JONES, J. MATTHEW.—Contributions to the Ichthyology of Nova Scotia, I, (1), 45.
 " Contributions to the Natural History of the Bermudas....I, (2), 14;
 II, (2), 7.
 " Contributions to the Natural History of Nova Scotia: Reptilia, I, (3), 114.
 " On the Geological Features of the Bermudas. I, (4), 18.

- JONES, J. MATTHEW (continued).—A fortnight in the Backwoods of Shelburne and Weymouth..... II, (1), 48.
 “ On some of the Rarer Birds of Nova Scotia..... II, (2), 70.
 “ On *Hyla Squirella*, a Batrachian, new to the Province. II, (2), 101.
 “ Nova Scotian Coleoptera..... II, (3), 141.
 “ On the Laridæ of the Nova Scotian Coast..... II, (4), 52.
 “ Notes on the Marine Zoology of Nova Scotia..... II, (4), 93.
 “ Review of Nova Scotian Diurnal Lepidoptera..... III, 18, 100.
 “ Note on a small and remarkable Lophioïd recently taken off Halifax Harbour III, 103.
 “ On the Vegetation of the Bermudas III, 237.
 “ Mollusca of Nova Scotia (corrected to date, 1877) IV, 321,
 (printed 421 by mistake).
 “ List of the Fishes of Nova Scotia. V, 87.
- JONES, PROF. T. RUPERT.—Notes on some Palæozoic Bivalved Entomostraca
 —*Beyrichia Tuberculata* (*Kloeden*) V, 313.

- KENT (England), Geology and Physical Geography of the North-east Coast of. By Alfred S. Foord III, 40.
 King's and Annapolis Counties, Pre-carboniferous Formations of. By Rev. D. Honeyman IV, 337.
 King's County, Geology of Aylesford..... VII, 7.
 Kitchen-Midden, or Beach Mound, Near French Village, Observations on. By Rev. John Ambrose I, (2), 34.
 Kjøkkenmødding, on the Shores of Nova Scotia, On the Occurrence of the. By W. G. I, (2), 94.
 KNIGHT, T. F.—Oyster Culture in France II, (2), 42.
 “ Natural History, and its place in the Sciences II, (3), 88.

- LABRADOR, Bones of specimen of *Salmo Salar* from V, 162.
 Labrador Duck. By Andrew Downs VI, 326.
 Lakes, The Production and Preservation of, by Ice action. By Thomas Belt I, (3), 70.
 Laminariaceæ of the Dominion of Canada and adjacent parts of British America, On the. By George Lawson II, (4), 109.
 Land Birds of Nova Scotia. By A. Downs..... I, (3), 38; I, (4), 130.
 Land Slip, near Annapolis II, (1), 3.
 Laridæ of the Nova Scotian Coast, On the. By J. Matthew Jones ... II, (4), 52.
Lastrea dilata, var. *Blomidonensis*. VI, 70.
 LAWSON, PROF. GEORGE, LL. D.—On the Flora of Canada I, (2), 75.
 “ Notice of the Occurrence of Heather at St. Ann's Bay, Cape Breton Island..... I, (3), 30.
 “ Note on *Lemania Variegata* of Agardh I, (3), 35.
 “ On some recent improvements in the Amalgamation Process for Extracting Gold from Quartz..... I, (4), 71.
 “ On *Trichina Spiralis*..... II, (1), 48.

- LAWSON, PROF. G. (continued). Monograph of Ranunculaceæ of the Dominion of Canada and adjacent parts of British America. II, (4), 17.
 " On the Laminariaceæ of the Dominion of Canada and adjacent parts of British America II, (4), 109.
 " Monograph of Ericaceæ of the Dominion of Canada and adjacent parts of British America III, 74.
 " On Canadian Species of Rubi and their Geographical Distribution III, 364.
 " Chemical Relations of Heat III, 436.
 " Notes on some Nova Scotian Plants IV, 167.
 " Introduction to Prof. How's paper on the East Indian Herbarium of King's College, Windsor IV, 369.
 " Notice of New and Rare Plants VI, 68
 " On the Northern Limit of Wild Grape Vines VI, 101.
 " On the Canadian Species of the Genus Melilotus VI, 180.
- Lemania Variegata* of Agardh, Note on. By George Lawson I, (3), 35.
- Lepidoptera, Review of Nova Scotian Diurnal. By J. Matthew Jones. III, 18, 100.
- Lepidoptera, Nova Scotian. By Rev. Chas. J. S. Bethune II, (3), 78.
- Lichens of Nova Scotia. By A. H. Mackay V, 299.
- Lievrite in Nova Scotia, On the occurrence of. By Edwin Gilpin V, 253.
- Limestones and Limonite of Pictou County, N. S. By Edwin Gilpin V, 31.
- Limestones and Marble, Notes on the Economic Mineralogy of Nova Scotia. Part III. By Prof. How I, (4), 58.
- Limestone (Brookfield), Nautilus of VII, 13.
- Limnoria Lignorum*, and *Teredo Nivalis*; their ravages on piles and submerged Timber in Nova Scotia. By Martin Murphy V, 357.
- Limnoria terebrans*, Remarks on. By Augustus Allison II, (4), 3.
- Limonite and Limestones of Pictou County, N. S. By Edwin Gilpin V, 31.
- LINDSAY, A. W. H., M. D. A Catalogue of the Flora of Nova Scotia IV, 184.
- Lines of elevation in the Earth's crust, Zones of III, 126.
- Littorina Littorea*, Occurrence of, on the Coast of Nova Scotia. By John R. Willis I, (1), 88.
- Loch Eck, Argyleshire, Scotland, Glacial action at. By Rev. D. Honeyman VI, 119.
- Loch Lomond, C. B., Notes on the Manganese Ores of. By Edwin Gilpin, VI, 97.
- Londonderry, N. S., Iron Mines, Geological Features of the. By Rev. D. Honeyman II, (1), 112.
- Londonderry, N. S., Ankerite Veins of V, 47.
- Lophiod recently taken off Halifax Harbour, Note on a small and remarkable. By J. M. Jones III, 103.
- Lophius Americanus*, Young of III, 105.
- Lophius Piscatorius*, On the Bones of. By R. Morrow V, 340.
- LOUIS, HENRY—Notes on Nova Scotian Mineralogy IV, 423.
- " A New Mineral (Louisite) from Blomidon, N. S V, 15.
- " On the Ankerite Veins of Londonderry, Nova Scotia V, 47.

- Louisburg, Past and Present, A Historico-Geological Sketch. By Rev. D.
 Honeyman VI, 191.
- Louisite, from Blomidon, N. S., A New Mineral. By H. Louis V, 15.
- Lower Carboniferous Limestone of Hants Co., Occurrence of Trilobite in.
 By. Prof. How I, (1), 87.
- M**ACDONALD, SIMON D.—Geological Notes V, 337.
 " Notes on Sable Island VI, 12, 110.
 " Sable Island—Its Probable Origin and Submergence VI, 265.
- MACGREGOR, PROF. J. G.—On a New Method of Measuring the Resistance
 of Electrolytes IV, 235.
 " On the Resistance to the Passage of the Electric Current be-
 tween Amalgamated Zinc Electrodes and Solution of Zinc
 Sulphate VI, 47.
 " Note on Peculiar Aurorae VI, 100.
 " Note on Temperatures of Maximum Density VI, 226.
 " On the Relative Bulk of Certain Aqueous Solutions and their
 Constituent Water VI, 261.
 " On the Measurement of Temperature and Time VII, 20.
 " On the Elementary Treatment of the Propagation of Longi-
 tudinal Waves VII, 89.
 " On Carnot's Cycle in Thermodynamics VII, 227.
 " On the Relative Bulk of Aqueous Solutions of Certain Hy-
 droxides and their Constituent Water VII, 368.
 " On a Noteworthy Case of the Occurrence of Ice in the form
 of Non-crystalline Columns VII, 377.
 " Opening Addresses VII, 185, 319.
- MACKAY, A. H.—Lichens of Nova Scotia V, 299.
 " Notes on Nova Scotia Fresh-water Sponges VI, 145, 233.
- MACKENZIE, PROF. J. J., Ph. D.—Obituary notice of V, 5.
 Mackerel, On the I, (4), 2.
- Magdalen Islands, Anatomy of a Seal from V, 155.
- Magnesia-Alum, or Pickeringite, containing a little nickel and cobalt, oc-
 curring in slate in Hants Co. By Prof. How I, (1), 85.
- Magnetism and its connection with the Telegraph. By Thos. R. Fraser, II, (2), 36.
- Magnetism, Terrestrial. By Martin Murphy VII, 291.
- Magnetism the life of the world. By Andrew Dewar V, 58.
- Magnetic Archæan Gneisses of the Cobéquid Mountains V, 271.
- Mallotus villosus* I, (2), 4.
- Mammalia of Nova Scotia, On the. By J. Bernard Gilpin I, (3), 8 ;
 II, (1), 8 ; II, (2), 58 ; II, (3), 8 ; II, (4), 8, 83 ; III, 46, 109.
- Man, Materials for history of, derived from a comparison of the customs
 and superstitions of nations I, (1), 61.
- Manganese in Nova Scotia I, (3), 7.
- Manganese Ores of Loch Lomond, C. B., Notes on the. By E. Gilpin VI, 97.
- Manganese, The ores of, and their uses: Notes on the Economic Mineralogy
 of Nova Scotia. By Henry How. I, (3), 128.

- Marble and Limestone, Notes on the Economic Mineralogy of Nova Scotia.
 Part III. By Prof. How I, (4), 58.
- Marble, White I, (4), 5.
- MARETT, ELIAS.—Frogs, Snails, etc., in Newfoundland I, (3), 6.
 " Red Indians of Newfoundland I, (4), 139.
 " On the Copper and Nickel Mines at Tilt Cove, Newfoundland. III, 27.
- Marine Invertebrates, Two Cable Hauls of, by cable steamer *Minia*, Capt. Trott, Commander. By Rev. D. Honeyman VII, 260.
- Marine Zoology of Nova Scotia, Notes on the. By J. Matthew Jones. II, (4), 93.
- Massachusetts Centre, U. S. A., A Geological Recreation in. By Rev. D. Honeyman VII, 197.
- MAURY, REV. MYRTON, D.D.—A contribution to the theory of earthquakes VII, 475.
 " Observations on the Tentacles of the Echinus VII, 479.
- May Beetle, Larva of, with Parasitical Fungus. By Harry Piers VII, 273.
- Mean Temperature and Atmospheric Pressure at Halifax for seasons from 1863 to 1866, inclusive II, (1), 120.
- Means and Ranges, monthly and yearly, for 1863, 1864, and 1865, Halifax, Nova Scotia I, (4), 138.
- Melilotus, On the Canadian Species of the Genus. By Prof. George Lawson VI, 180.
- MELLISH, JOHN T.—Notes on the Serpents of Prince Edward Island. IV, 163.
 " Fish Culture V, 76.
- Metalliferous Sands. By Rev. D. Honeyman V, 334.
- Metamorphism of Rocks in Nova Scotia and Cape Breton, On the. By Rev. D. Honeyman III, 231.
- Meteorites of our Museum. By Rev. D. Honeyman VII, 120.
- Meteorological Observations, continuous, Suggestions on the importance of. By Edgecumbe Chevallier II, (1), 121.
- Meteorological Observations at Halifax, N. S., during the year 1868. By Frederick Allison II, (3), 109.
- Meteorological Observations for 1869, Caledonia Mines, Cape Breton. By Henry Poole II, (4), 73.
- Meteorological Phenomena, Occasional and Periodical. By Fred. Allison. IV, 429.
- Meteorological Record, Halifax, Nova Scotia II, (2), 100.
- Meteorological Register, Halifax, Nova Scotia, Abstract of, kept by Col. Myers, Halifax I, (2), 93.
- Meteorological Register, Halifax, Nova Scotia, Abstract of I, (3), 139 ; I, (4), 137 ; II, (1), 119.
- Meteorological Register, Halifax, N. S., for 1871. By F. Allison. III, 186, 314.
- Meteorological Register (General) for 1880, Halifax. By Augustus Allison. V, 315.
- Meteorological Summary, 1868, Halifax, N. S. II, (3), 165.
- Meteorology of Halifax, N. S. By Fred. Allison. III, 80, 176, 394 ; IV, 42, 300.
- Meteorology of the Caledonia Coal Mine, Little Glace Bay, C. B. By Henry Poole II, (2), 51 ; III, 89, 143, 285

- Meteorology of the Glace Bay Coal District. By Henry Poole...II, (3), 100.
- Mice, Field II, (4), 1.
- Microscopic and Polariscopic Examination of Crystalline Rocks of Nova Scotia and Cape Breton. By Rev. D. Honeyman.....VI, 121.
- Microscopy, Experimental. By J. Somers.....V, 81.
- Migration, Semi-annual, of Sea Fowl in Nova Scotia. By J. Bernard Gilpin V, 138.
- Migration of Birds II, (2), 3.
- Migratory and other habits of the Squirrel II, (3), 1.
- MILNE, SIR ALEX.—Letter concerning the Currents on the N. E. Coast of America.....I, (3), 140.
- Mineralogy, Notes on Nova Scotian. By Henry Louis.....IV, 423.
- Mineral Springs in Nova Scotia I, (3), 5.
- Mineral Springs of Wilmot, N. S., The Waters of. By Prof. HowI, (2), 26.
- Minerals prepared for the Paris Exhibition, Remarks on the. By Prof. How.....II, (1), 25.
- Minerals, Trap, of Nova Scotia V, 283.
- Moles in Nova Scotia I, (3), 2.
- Mollusca of Nova Scotia (corrected to date, 1877.) By J. Matthew Jones, IV, 321 (printed 421 by mistake).
- Montague Gold Mines.....IV, 171.
- “ Notes on the. By D. H.....III, 93.
- “ Field Excursion, June 21st, 1871. By W. G....III, 93.
- Moose, Absence of the Gall Bladder in the III, 188 ; IV, 105.
- Moose, Intestinal Canal of the. By R. Morrow V, 313.
- Moose, On the Bone in the Heart of the. By J. Somers.....VI, 75.
- Moose, Tubes in the feet of the. By R. Morrow V, 161.
- Moose River Iron Mines, Giant Trilobite of VII, 63.
- MORRISON, A. M.—On the variation of density with concentration in weak aqueous solutions of Cobalt Sulphate.....VII, 481.
- MORROW, ROBERT.—Absence of the Gall Bladder in the Moose.III, 188 ; IV, 105.
- “ A note on the Caribou IV, 179.
- “ Notes on the Caribou IV, 281.
- “ Translation of Pierre Camper on the structure of the bones in birds, and their differences in the various speciesIV, 403.
- “ Tubes in the feet of the Moose V, 161.
- “ Notes on the bones of *Salmo Salar*, Specimen from Labrador ..V, 162.
- “ Note to H. S. Poole's paper on the Ice Storm of Jan. 24th, 1881, V, 298.
- “ Intestinal Canal of the Moose.....V. 313.
- “ On the Bones of “ *Lophius Piscatorius*,”—Angler Fish, Devil Fish, Goose Fish, etc., etc.....V, 340.
- Mortality Rates of Ancient and Modern Times. By A. P. Reid, M. D. .IV, 245.
- MORTON, REV. JOHN.—Remarks on the Pitch Lake of Trinidad.....I, (4), 66.
- Mosses, A Contribution towards the Study of Nova Scotian. By John Somers.....IV, 362 ; V, 9, 269.

- MURPHY, MARTIN.—On the Ravages of the *Teredo Nivalis*, and *Limnoria Lignorum*, on Piles and Submerged Timber in Nova Scotia, and the means adopted in other countries to prevent their attacks V, 357.
- " Some Physical Features of Nova Scotia, with notes on Glacial Action VI, 130.
- " Report of, as Delegate to the Royal Society of Canada, 1883. VI, 241.
- " The Tides of the Bay of Fundy VII, 48.
- " Terrestrial Magnetism VII, 291.
- " Our Common Roads VII, 429.
- Museum, Provincial, Fishes of VII, 95.
- " Japanese Magic Mirror in VII, 118.
- " Meteorites of VII, 120.
- " Nova Scotian aboriginal remains in VII, 276.
- " Silurian Collections of VII, 14.
- Muskrat and Beaver of Nova Scotia, On the Dwellings of the. By J. Bernard Gilpin V, 275.
- MYERS, COLONEL W. J.—Notes on the Weather at Halifax, N. S., during 1863, with comparisons of the temperature of that place with some other parts of British North America I, (2), 68.
- " Notes on the Weather at Halifax, during 1864-66 I, (3), 102; I, (4), 51; II, (1), 60..

- N**ATURAL HISTORY, and its place in the Sciences. By T. F. Knight. II, (3), 88.
- Natural History and the Fisheries. By A. P. Reid IV, 131.
- Nautilus Brookfieldi*, n. sp.—The Nautilus of the Brookfield Limestone. By Rev. Dr. Honeyman VII, 13.
- Nevada Frontier, Journey to Deep Creek Valley on III, 150.
- New Brunswick, Fossil Bones found in III, 400.
- " Geological Formation of. By Rev. D. Honeyman. IV, 5 (printed 447 by mistake).
- Newfoundland, Carboniferous District of St. George's Bay III, 357.
- " Frogs, &c., in I, (3), 6.
- " Nickel and Copper Mines at Tilt Cove III, 27.
- " Red Indians of I, (4), 3, 139.
- Nickel and Copper Mines at Tilt Cove, Newfoundland. By Elias Marett. III, 27.
- Nickel in Slate in Hants Co. I, (1), 85.
- Nocturnal Life of Animals in the Forest. By Capt. C. C. Hardy I, (1), 11.
- North-West Arm, and Bedford Basin, Glacial Action in. By Rev. Dr. Honeyman VI, 251.
- Nova Scotia and Cape Breton, Geological Gleanings in. By Rev. D. Honeyman VII, 345.
- Nova Scotia, Geology of. By Rev. D. Honeyman III, 193.
- Nova Scotia Shells. By John Robert Willis. Reprint of VII, 419.
- Nova Scotian Flora and that of Colorado, Correspondence between IV, 122.

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|
| Nova Scotian Geology. | By Rev. D. Honeyman | III, 6, 31, 62, 345, 385; |
| | | IV, 47, 109, 252, 439; V, 16, 64, 319; VII, 131. |
| Nova Scotian Plants, Additions to the List of. | By Henry How | IV, 312. |
| " " | Notes on. By George Lawson | IV, 167. |
| Nova Scotian Zoology, Notes on. | By Harry Piers | VII, 467. |
| Nullipores (Chebucto) with Attaches. | By Prof. D. Honeyman | VI, 8. |
|
OIL SPRINGS of Canada.....I, (4), 6. | | |
| Ores of Iron, collected in Pictou County for Philadelphia Exhibition |IV, 137. | |
| Ores of Manganese, of Loch Lomond, C. B. |VI, 97. | |
| " " Nova Scotian |I, (3), 128. | |
| Orthagoriscus Mola (Couch). Taken Halifax Harbor, Oct. 1873. | By J. Bernard Gilpin |III, 343. |
| Otters in Nova Scotia |II, (2), 2. | |
| OUTRAM, J.—On Sugar, its Chemical Composition, Combinations and Products |II, (1), 4. | |
| Oyster Culture in France. | By T. F. Knight |II, (2), 42. |
| Oysters, Disappearance of, in Cole Harbour |II, (1), 3. | |
| Oysters in Nova Scotia |II, (2), 2. | |
|
PARIS EXHIBITION, Minerals prepared for the.....II, (1), 25. | | |
| Parrsboro' and Springhill Railway, Geology of |VI, 166. | |
| Partridge Island, Geology of |VI, 167. | |
| Partridge, Winter Food of the, and Partridge Poisoning. | By J. Somers, |VI, 78. |
| PATTERSON, REV. GEORGE, D. D. The Stone Age in Nova Scotia, as illustrated by a Collection of Relics presented to Dalhousie College |VII, 231. | |
| Pearl, On the. | By J. Hunter Duvar |I, (2), 86. |
| Petrel, Some Account of the. | By Rev. John Ambrose |I, (2), 34. |
| Philadelphia Exhibition, Iron ores collected for, in Pictou Co |IV, 137. | |
| " " Nova Scotian Geology at |IV, 252. | |
| Physical Features of Nova Scotia, with Notes on Glacial Action. | By M. Murphy |VI, 130. |
| Pickeringite or Magnesia-Alum, containing a little Nickel and Cobalt, occurring in Slate, in Hants Co. | By Prof. How |I, (1), 85. |
| Pictou Coal Field, Explorations in the. | By R. G. Haliburton | II, (1), 93; (3), 155. |
| " " Pre-Carboniferous Rocks of the. | By Rev. D. Honeyman |III, 105, 141. |
| " " The Southern Synclinal of the. | By Edwin Gilpin |IV, 89. |
| " " Surface Geology of. | By H. S. Poole |VII, 388. |
| Pictou Coal Seam, An analysis of a. | By Edwin Gilpin |VI, 42. |
| Pictou Coal Seams, The Grouping of the. | By Edwin Gilpin |III, 281. |
| Pictou County, Geological Progress Map of. | By Rev. D. Honeyman |V, 192. |
| " Geology of Iron deposits of |III, 171. | |
| " Iron deposits of East River |II, (4), 67. | |
| " Iron ores collected in, for Philadelphia Exhibition |IV, 137. | |
| " Limestones and Limonite of |V, 31. | |

- Pied, or Labrador Duck. By Andrew Downs.....VI, 326.
 PIERS, GEORGE.—Migratory Habits of the Squirrel II, (3), 1.
 PIERS, HARRY.—Studies in the Provincial Museum: 1 Fishes. 2 Fish
 Development VII, 95.
 " Remarks on the Japanese Magic Mirror in the Provincial Museum,
 VII, 118.
 " Larva of May Beetle, with Parasitical Fungus.....VII, 273.
 " Aboriginal Remains of Nova Scotia—Illustrated by the Provincial
 Museum collections.....VII, 276.
 " Life of J. R. Willis VII, 406.
 " Notes on Nova Scotian Zoology.....VII, 467.
 Pisciculture, On. By Lieut.-Col. Sinclair I, (4), 26.
 Pitch Lake of Trinidad, Remarks on the. By Rev. J. Morton, LaHaye. I, (4), 66.
 Plants, New and Rare. By Dr. Somers VI, 281.
 " Notice of New and Rare. By George Lawson.....VI, 68.
 Point Pleasant—Field Day, August 3rd. By W. G.....IV, 488.
 " Geology of VI, 172.
 " Notes on the Geology of. By A. Cameron V, 307.
 " Water-worn Stones of II, (4), 3.
 " York Redoubt, etc.—Field Day, Sept, 24th. By W. G., IV, 430.
 Polariscopic and Microscopic Examination of Crystalline Rocks of Nova
 Scotia and Cape Breton. By Rev. Dr. Honeyman VI, 121.
 Polariscopic Examination of Crystalline Rocks of Antigonish County. By
 Rev. Dr. Honeyman VI, 299.
 Polariscopic Examination of Crystalline Rocks of the Yarmouth Gold-
 Bearing Series. By Prof. Honeyman VI, 7.
 Ponies, wild, of Sable Island I, (2), 60.
 POOLE, HENRY.—On the Characteristic Fossils of different Coal Seams in
 Nova Scotia I, (1), 30.
 " On the Meteorology of the Caledonia Coal Mine, Little Glace Bay,
 Cape Breton II, (2), 51; III, 89, 143, 285.
 " Letter concerning discovery of wood cut with an axe 230 years
 ago II, (3), 3.
 " On the Meteorology of the Glace Bay Coal District II, (3), 100.
 " On Meteorological Observations for 1869, Caledonia Mine, Cape
 Breton II, (4), 73.
 POOLE, HENRY S.—Extract from H. S. Poole's letter, respecting a journey
 to Deep Creek Valley on the Nevada frontier, 150 miles from
 Salt Lake City III, 150.
 " The Great American Desert III, 208.
 " The Ice Storm of January, 1881 V, 297.
 " Ice in the Carboniferous Period VII, 202.
 " Surface Geology of the Pictou Coal Field VII, 388.
 Porpoises of Nova Scotia. By J. B. Gilpin IV, 21.
 Potassic Iodide as a Blowpipe Reagent. By Fred. A. Bowman VII, 363.
 Pottery, Ancient, A Letter from M. D. DesBrisay on V, 218.
 Pottery, Ancient—Nova Scotian Archaeology. By D. Honeyman V, 217.

- Pottery in and around Grand Lake. By Dr. J. Bernard Gilpin.....V, 114.
 Precarboniferous Formations of Annapolis and Kings Counties. By Rev.
 D. Honeyman.....IV, 337.
 Precarboniferous, Lower Carboniferous, etc., of Nova Scotia, Retrospect to
 1859. By Rev. D. HoneymanIV, 439.
 Precarboniferous Rocks of the Pictou Coal Field. By Rev. D. Honeyman,
 III, 105, 141.
 Pressure, atmospheric, Semi-daily fluctuation ofIV, 157.
 Pressure, Extremes of, during the winter of 1869-70. By Frederick
 AllisonII, (4), 100.
 Prince Edward Island, Serpents ofIV, 163.
 Providential Warning to the Lower Animals. By Rev. J. Ambrose ..II, (4), 57.
- Q**UARTZ Lode, contorted. at WaverleyI, (3), 142.
- R**ACES, The affinity ofIII, 288.
 Rain, Snow and Hail, Number of Days on which they fell in the different
 seasons for four years.....II, (1), 124.
 Ranunculaceæ of the Dominion of Canada and adjacent parts of British
 America, Monograph of. By George LawsonII, (4), 17.
 Rat, common, Habits of.....II, (4), 1.
 Reclamation of Land near Sackville, N. B.II, (3), 170.
 Red River, the Skunk inII, (2), 3.
 REID, A. P., M. D.—The Skunk in Red RiverII, (2), 3.
 " Migration of BirdsII, (2), 3
 " The Economy of Timber and Preservation of Structures from Fire
 and DecayIII, 326.
 " Agriculture allied to ChemistryIII, 404.
 " Natural History and the FisheriesIV, 131.
 " Mortality Rates of Ancient and Modern TimesIV, 245.
 Reptilia: Contributions to the Natural History of Nova Scotia. By J. M.
 JonesJ, (3), 114.
 Resistance to the Passage of the Electric Current between Amalgamated
 Zinc Electrodes and Solution of Zinc Sulphate. By Prof. J. G.
 MacGregor.....VI, 47.
Rhododendron maximum.....IV, 172.
 Rimouski, Canada, and Loch Eck, Argyleshire, Scotland, Glacial Action at.
 By Rev. D. HoneymanVI, 119.
 Roads, Our Common. By M. MurphyVII, 429.
 Rocking Stone at SpyfieldV, 329.
 Ross, ANGUS.—Zones of Lines of Elevation in the Earth's Crust.....III, 126.
 " The Fibrin of the Blood—its constitution and functions as explained
 by Dr. Charles Girard, of Paris.....III, 367.
 " EvolutionIII, 410.
 Royal Microscopical Society, Nomination of the President of the Institute
 as Fellow *ex-officio*V, 6.

- Rubi, Canadian Species of, and their Geographical Distribution. By George Lawson III, 364.
 RUTHERFORD, JOHN.—On a Peculiarity in the Block-house Seam, Cow Bay, Cape Breton II, (3), 18.

- S**ABLE ISLAND, Notes on. By Simon D. MacDonald VI, 12, 110.
 " Its Probable Origin and Submergence. By Simon D. MacDonald VI, 265.
 " Gemellaria from I, (3), 3.
 " Wild Ponies of I, (2), 60.
 Sackville, N. S., Bedford and Hammond's Plains, Notes on the Geology of. By Alfred Hare V, 309.
 Sackville, N. B., Reclamation of Land near. By R. Carr Harris II, (3), 170.
 St. Ann's Bay, Heather at I, (3), 30.
 St. George's Bay, Newfoundland, Sketch of the Carboniferous District of. By Edwin Gilpin III, 357.
 St. Lawrence, Gulf of, Currents in VI, 302.
 St. Margaret's Bay, N. S., Fish and Fishing Grounds of I, (4), 33; II, (1), 67.
 " Fishes of II, (2), 87.
 " Sea Birds frequenting I, (3), 51.
 Salmo Family I, (3), 1.
Salmo Salar, Notes on the Bones of a Specimen from Labrador. By R. Morrow V, 162, 218.
 Salmonidae of Nova Scotia I, (4), 3.
 Salmons and Trouts, (Food Fishes of Nova Scotia, No. iv.) By J. Bernard Gilpin I, (4), 76.
 Salmon of Nova Scotia. By J. Bernard Gilpin V, 38.
 Sands, Metalliferous. By Rev. D. Honeyman V, 334.
 Sandstone, Fossiliferous, from Mira Ridge, C. B V, 4.
Sarothamnus Scoparius IV, 171.
 Scientific Training for Civil and Mining Engineers, On the Necessity for Preliminary. By Edwin Gilpin IV, 379.
Scolopendrium vulgare VI, 72.
Scomberesox Storeri found in Pictou Harbour V, 113.
 Sea-Birds frequenting the Coast of St. Margaret's Bay, Observations on the. By Rev. John Ambrose I, (3), 51.
 Sea-Fowl in Nova Scotia, On the Semi-annual Migration of. By J. Bernard Gilpin V, 138.
 Sea Serpent, Some Account of the. By Rev. John Ambrose I, (2), 34.
 Seal from Magdalen Islands, Notes on the Anatomy of a. By J. Somers V, 155.
 Seals of Nova Scotia, On the. By J. Bernard Gilpin III, 377.
Sedum Rhodiola VI, 69.
 Serpents of Nova Scotia. By J. Bernard Gilpin IV, 80.
 Serpents of Prince Edward Island, Notes on the. By John T. Mellish IV, 163.
 Shad taken at Montreal II, (2), 1.
 Sheep, Feet of, with holes similar to those found in the Feet of the Moose, IV, 331.

- Shelburne, Backwoods of. By J. M. Jones II, (1), 48.
 Shells, Nova Scotian. By John Robert Willis: Reprint of VII, 419.
 Shore Birds of Nova Scotia. By Bernard Gilpin V, 376.
 Silurian Collections of the Provincial Museum, Notes of Examination of
 them by Prof. James Hall. By Rev. D. Honeyman VII, I4.
 SILVER, ARTHUR P.—List of Nova Scotian Butterflies VII, 86.
 SILVER, W. C.—Migration of Birds II, (2), 3.
 SINCLAIR, LIEUT.-COL. R. B.—On Pisciculture I, (4), 26.
 Skunk in Red River II, (2), 3.
 Slate of Hants Co., containing magnesia alum, nickel and cobalt I, (1), 85.
 Smith, Titus, Some account of the life of. By William Smith I, (4), 149.
 SMITH, WILLIAM.—Some account of the life of Titus Smith I, (4), 149.
 Snails in Newfoundland. By E. Maret I, (3), 6.
 Snakes, Habits of I, (3), 7.
Solidago sempervirens VI, 282.
 Solutions, certain aqueous, and their constituent water, On the Relative
 Bulk of. By Prof. J. G. MacGregor VI, 261.
 Solutions, aqueous, of certain hydroxides and their constituent water,
 Relative bulk of. By Prof. J. G. MacGregor VII, 368.
 Solutions, weak, of Cobalt Sulphate, On the density of. By A. M. Morrison,
 VII, 481.
 SOMERS, JOHN, M. D.—On a correspondence between the Flora of Nova
 Scotia, and that of Colorado, and the adjacent Territories IV, 122.
 " Introduction to a Synopsis of the Flora of Nova Scotia IV, 181.
 " Notes on Nova Scotia Compositæ, Asteræ IV, 239.
 " A Contribution towards the Study of Nova Scotian Mosses,
 IV, 362; V, 9, 269.
 " Experimental Microscopy V, 81.
 " Notes on the Anatomy of a Seal from Magdalen Islands V, 155.
 " Nova Scotian Fungi V, 188, 247, 332; VII, 464.
 " Additions to the list of Nova Scotian Fungi VI, 286; VII, 18.
 " On the Bone in the Heart of the Moose VI, 75.
 " On the Winter Food of the Partridge and on Partridge Poisoning, VI, 78.
 " New and Rare Plants VI, 281.
 Soricinæ of Nova Scotia. By J. Bernard Gilpin I, (2), 1.
 Spirorbæ attached to Carboniferous Flora. By Rev. D. Honeyman VII, 93.
 Sponges, Fresh Water, of Nova Scotia, Notes on the. By A. H. MacKay,
 VI, 145, 233.
 Sponges, Marine VII, 260.
 Spontaneous Generation, or Predestinated Generation. By Andrew
 Dewar IV, 34.
 Springhill and Parrsboro' Railway, Geology of VI, 166.
 Springhill Coals, On the Analysis of two. By Henry How IV, 98.
 Springs, Brine, of Nova Scotia. By Henry How I, (3), 75.
 Springs, Mineral, of Wilmot, N. S., On the Waters of. By Prof. How. I, (2), 26.
 Squirrel, Migratory and other habits of. Mr. George Piers II, (3), 1.
 Squirrels, Red and Flying II, (3), 1.

- Stone Age of Nova Scotia, On the. By J. Bernard Gilp.n.....III, 220.
 Stone Age in Nova Scotia, as illustrated by a collection of relics presented
 to Dalhousie College. By Rev. George PattersonVII, 231.
 Storm Signals, Canadian Weather Telegraphy and. By Fred. Allison..III, 370.
 Storms, Crude notes on, and how to note them. By J. L. Hurdis....II, (2), 102.
 Storms, On North Atlantic. By J. L. HurdisI, (4), 140.
 Submerged Forests in Cumberland Basin. By P. S. Hamilton.....II, (1), 3.
 Submerged Forest Trees in Cumberland Basin. By P. S. Hamilton....II, (2), 94.
 Submerged Land, etc.....II, (1), 3.
 Sugar: its composition, combinations, and products. By J. Outram.. II, (1), 4.
 Sulphur Ore from Cape BretonII, (1), 1.
 Superficial Geology of Nova ScotiaIV, 109; V, 319; VII, 131.
 Superstitions of nations as materials for a history of man.....I, (1), 61.
 Surface Geology of the Pictou Coal Field. By H. S. Poole.....VII, 388.

- T**EETH, Human, Comparative Anatomy and Pathology of. By A. C. Cogswell.....III, 156.
 Telegraph, Magnetism and its connection with the. By Thos. R. Fraser.
 II, (2), 36.
 Temperature and Time, Measurement of. By Prof. J. G. MacGregor....VII, 20.
 Temperature at the Albion Mines compared with Caledonia Mines....II, (2), 57.
 Temperature of Halifax in Comparison with Glace Bay. By Mr. Allison.
 II, (3), 4.
 Temperatures of Maximum Density, Note on. By Prof. J. G. MacGregor.
 VI, 226.
 Tentacles of the EchinusVII, 479.
Teredo Nivalis, and *Limnoria Lignorum*, Their Ravages on Piles and Submerged Timber in Nova Scotia. By Martin MurphyV, 357.
 Terrestrial Magnetism. By Martin MurphyVII, 291.
 Thermodynamics, On Carnot's Cycle in. By Prof. J. G. MacGregor....VII, 227.
 Tides of the Bay of Fundy. By P. S. Hamilton.....II, (1), 35.
 Tides of the Bay of Fundy. By M. Murphy.....VII, 48.
 Tilt Cove, Newfoundland, Nickel and Copper MinesIII, 27.
 Timber in N. S., Ravages on, of *Teredo nivalis* and *Limnoria lignorum*. V, 357.
 Timber, The Economy of, and Preservation of Structures from Fire and DecayIII, 326.
 Time and Temperature, Measurement of. By Prof. J. G. MacGregor...VII, 20.
 Traditions of Nations. By R. G. Haliburton..II, (4), 2.
 Trap Minerals of Nova Scotia, The. By Edwin GilpinV, 283.
Trichocetus rosmarus.....II, (3), 123.
Trichina Spiralis. By George LawsonII, (1), 48.
Trillium Sessile, Collected by Miss Godfrey, Clementsport.....V, 222.
 Trilobite, Gigantic, of Moose River Iron Mines, N. S. By D. Honeyman.
 VII, 63.
 Trilobite, New, from Nova Scotia, Description of. By Jacob GreenVII, 63.
 Trilobite, Occurrence of, in the Lower Carboniferous Limestone of Hants Co. By Prof. How.....I, (1), 87.

- Tringa pectoralis* II, (2), 73.
Tringa Schinzii II, (2), 73.
Tringa subarquata II, (2), 73.
 Trinidad, Pitch Lake of I, (4), 66.
 Trout and Salmons, The—(Food Fishes of Nova Scotia, No. IV.) By J. Bernard Gilpin I, (4), 76.
 Trout (Brook), Change of Colour on dying II, (1), 3.
 Truro, Nova Scotia, Plants Collected in the Neighborhood of, during the Summers of 1883 and 1884. By George G. Campbell VI, 209.
 " Plants Collected in and around, during the Summer of 1885, Supplementary List of. By G. G. Campbell VI, 283.
Tussilago Farfara VI, 69.

- V**IOLA, Native Species of, in Nova Scotia. By Prof G. Lawson V, 115.
Viola Canadensis VI, 72.
 Vulcanite, Peculiarity in thermal expansion of VI, 226.

- W**ALRUS, The. By J. Bernard Gilpin II, (3), 123.
 Water-worn Stones, resembling Indian implements, found at Point Pleasant II, (4), 3.
 Waverley, The Contorted Quartz Lode at Laidlaw's "Diggins" I, (3), 142.
 Waverley Gold Mines—Field Day, July 1st, 1865 I, (3), 141.
 Waves, Longitudinal, On the Elementary Treatment of the Propagation of. By Prof. J. G. MacGregor VII, 89.
 Weather at Halifax, N. S., in 1863, Notes on, with comparisons of the temperature of some other parts of British North America. By Col. Myers I, (2), 68.
 Weather at Halifax, N. S., during 1864–66. By Col. Myers I, (3), 102;
 I, (4), 51; II, (1), 60.
 Weather at Halifax, N. S., during the year 1867. By Fred. Allison II, (2), 74.
 Weather at Halifax, N. S.: Monthly and Yearly Means and Ranges for 1863, 1864, 1865 I, (4), 138.
 Weather Knowledge, On the Progress of. By Frederick Allison III, 315.
 Weather Telegraphy and Storm Signals, Canadian. By F. Allison III, 370.
 Weymouth, Backwoods of. By J. M. Jones II, (1), 48.
 White Fish, Geographical distribution of I, (4), 6.
 WILLIS, JOHN ROBERT.—On the occurrence of *Littorina littorea* on the coast of Nova Scotia I, (1), 88.
 " The first Nova Scotian Conchologist, a memorial, edited by W. F. Ganong, M. A. VII, 404.
 " Bibliographical and critical notice of his published papers. By W. F. Ganong VII, 412.
 " Life of. By Harry Piers VII, 406.
 " Reprint of his "Nova Scotia Shells." Edited by W. F. Ganong VII, 419.
 Wilmot, N. S., Mineral Springs of I, (2), 26.

- Windsor, Geology of VI, 169.
Woodsia glabella VI, 72.
Woodsia obtusa VI, 71.
- Y**ARMOUTH County, Geology of. By Rev. D. Honeyman..... V, 227.
Yarmouth Gold-Bearing Series, Notes on a Polariscopic Examination of
Crystalline Rocks of the. By Prof. Honeyman..... VI, 7.
- Z**OOLOGY, Marine, of Nova Scotia, Notes on. By J. Matthew Jones.. II, (4), 93,
Zoology, Nova Scotian, Notes on. By Harry Piers VII, 467.