

## INDEX.

	PAGES.	PAGES.	
Exhibition, Provincial, Analysis of	61	Infusoria, the Larva of Intestinal Worms	18
" Great, Report of Commissioners	38	Ireland, Population of	24
" " Extracts from Lectures of	38, 135, 158	Irish Submarine Telegraph	33
" " Irish Industrial	253-265	" Industrial Exhibition	265
Faraday, Professor, on Physical Lines of Magnetic Force	31	Iron, Cleveland, Yorkshire	18
" on the Magnetic Force	191	" Smelting	105, 135
Farm Machinery	13	" Coating with Copper	165
Filter, Syphon	11	" On the increased strength of	222
Filter-tap, Dodd's Registered	12	" Trade	119
Fine Arts in Finland	261	" In Ireland	266
" Department of, Provincial Show	60	" Quantity produced in England	266
Firearms	216	" Timing	288
" Composition for	189	" Worth of by the addition of labour	266
Fish, Artificial Breeding of	18	Isinglass in Canadian fish	15
Fishes, directions for Preserving	173	" Application of	9
Flax, Cultivation of	89		
" and its Products	268	Jupiter, the Planet	270
Flavouring Matter of Fruits	17		
Fleming, Sandford, Patent Centre-rail Railway	93	Lachlan, Major, Correspondence of	137
" on the Valley of the Nottawasaga	223	Ladies' Department, Agricultural Show	60
Floral Hall, Provincial Agricultural Show	59	Leather, the Manufacture of	137
Flour Mill, Patent	245	Lead, distribution of in Ireland	267
Food, nutritive, value of	217	Lead Pencils	104
Forbes, Professor E., on the Natural History of the British Seas	109	Lectures, Exhibition	9
Forests, the Treasures of Canadian	73	Leafing and Flowering of Plants, observations on the	182, 201
Fossils from the Ottawa River	221	Lefroy, Capt. J. H., Royal Artillery, remarks on Thermometric Registers	29, 75
Galvanic Current, Motion of Fluids in	142	" " On the probable number of the Native Indian Population of British America	193
Gas Patents	28, 77		
" Manufacture of, from Wood	165	Letters Patent of Invention	184
" " from Coal	158	Libraries, Public	286
Gelatine	9	Light, Atmospheric Phenomena of	6, 25
Geology, brown Coal deposit in Brandon	139	" Epipolar dispersion of	82
" Notes on the Geology of Toronto	147	" Invisible rays of	115
" On the Rocks of Canada	121	" Printing by the action of	216
" On the composition of certain Rocks	168	" Electric	118, 242
" On the remains of Reptilians in Nova Scotia	237	Lightning Conduction	17
" On the origin of Coal Fields	279	Limestone, Circular of Canadian Institute respecting	26
" On the Rocks of North Wales	211	" Human foot-prints in	95
" Manufacturing Materials in the Eastern Townships	210	Liquid Manure	12
" The Progress of	276	" " effects of	112
Geological Survey of Canada	112	" Glue	116
Glue, the Preparation of Liquid	168	Logan, W. E., Testimonial from Prince Albert to	49
" Liquid	117	" On the Rocks of Canada	125
Gold, Distribution of	17	Locomotive, new	116
" Fields of, in Australia	23	Lovelace, Countess of	119
" How to tell	213	Louisberg, Cape Breton	126
" In Canada	255	Lyell, Sir Charles	46
" In England	261	" " On the remains of Reptilians in Nova Scotia	237
" In Ireland	267	" " On the origin of Coal Fields	279
" Weighed in the Bank of England by machinery	264	Machine, Perreaux dividing	102
Gold-digger, Scientific	237	" Electro-magnetic	43
Golding Bird's battery	16	" Portable Lifting	37
Government aid to various Institutions in Canada	261	" Reaping	39
" School of Mines (Britain)	110	Machinery, Farm	13
Great Britain, Railway traffic of	120	Magnet, fluctuations at Toronto, (see Meteorological Reports.)	
" Revenue and Expenditure of	96	Magnetism, Terrestrial	83
Hall, Floral, Provincial Agricultural Show	59	Magnetic Science in its infancy	17
Halo, account of one observed near Toronto	27	" force, Physical lines of	31
" " " Moose Factory	27	" " Observation on the	191
" Lunar	285	Manufacturing Materials Eastern Townships	240
Harvest Cart	13	Manure, Liquid	12
Herschell, Sir W., on Photography	141	Mantell, Dr. Death of	144
High Bridge, Portage, New York	68	Marbles, Nova Scotian	241
Hind, Professor, Notes on the Geology of Toronto	147	" Irish	267
Hints to the Beginner in Water Colours	79	Mastodon Giganteus, notice of	230
History of Canadian Institute	3	Mechanical energy of the Universe, Reconcentration of	96
History and Astronomy	216	Medals, Prize, offered by Canadian Institute	121
Hodder, Professor, on the Poisonous Plants in the neighbourhood of Toronto	204, 218	Metals, Reduction of by phosphorus and sulphur	115
Horse and its Rider	154, 180, 198	" Coating of	43
Horses exhibited at the Provincial Show	62	" Trade of in the United Kingdom	240
Hunt, T. S., Chemist and Mineralogist to the Provincial Geological Survey, Report	114	Metallic Surfaces, new art of Ornamenting	165
Incrustations, Prevention of in Steam Boilers	24	Meteorological Register for Toronto—July, 1852	19
India, Electric Telegraphs in	120	" " " August "	45
Indian Remains, notice of	6, 160	" " " September "	71
Indian Population of British America	193	" " " October "	94
		" " " November "	117
		" " " December "	143
		" " " January, 1853	166
		" " " February "	191