

# INDEX.

	PAGE.		PAGE.
Address to His Excellency the Governor General (Toronto Mechanics' Institute).....	302	<b>BOARD OF ARTS, &amp;c. :</b>	
Address to His Excellency the Governor General (Hamilton Mechanics' Institute) .....	303	Draft of Memorial respecting Renewal of Grants to Mechanics' Institutes .....	105
Africa, explorations in .....	86	Draft of Memorial respecting Amendments to the Patent Laws.....	134
Agricultural Census of 1861.....	227	Agricultural Association of Upper Canada	297
“ Association of Upper Canada..	297	Draft of Rules and Regulations of the Ag- ricultural Association of Upper Canada	299
“ “ Draft of Rules and Re- gulations of.....	299	Boiler, Safe working pressure of .....	249
Air, on the filtration of.....	186	Boiler Explosions, prevention of .....	190
“ Power with combustion of gas .....	189	Books, Notices of (see Notices of Books) .....	361
“ Mean Temperature of, &c.....	255	Books added to the Free Library of Reference B. A. U. C. ... 14, 51, 114, 134, 171, 265, 301, 361	361
ALBERT, death of Prince.....	15	Boring and Winding Machinery .....	250
Albertite .....	352	British Railway Statistics.....	32
Aluminum .....	243	“ Mercantile Steam Fleet .....	37
Aluminum, application of, to practical purposes..	216	“ Publications ... 19, 52, 80, 120, 139, 171, 211 285, 266, 301, 334, 362	211
American Court at the International Exhibi- tion .....	198, 231	“ Patent Laws .....	150
American Publications .....	20, 53, 121, 172, 211, 235 266, 335, 362	“ Museum .....	192
Aniline in Photography .....	222	“ Navy.....	70
“ Colours .....	95	“ Ships and British Seamen.....	94
Antiquity of Man .....	122	“ Association for Advancement of Science..	355
ANTICOSTI—The gulf of St. Lawrence.....	328	“ America, Resources of .....	358
Aphis—the Grain .....	259	Brunswick, New, Mineral Resources of .....	286
“ Avenue.....	305	“ “ Census of .....	274
Architecture, Iron .....	97	Brunel's Mishaps .....	281
Armstrong Gun, the 300 pounder .....	288	“ The .....	343
Art Education.....	23	CANADA—Oil Springs of .....	89
Artesian Wells.....	125	“ Economic Minerals of ... 167, 169, 200, 228	228
Artificial Stone .....	255	“ Census of .....	273
Arts, Society of .....	55	“ Copper Mining in.....	374
Association, the Canadian Native Oil .....	270	CANADIAN Manufactures, improvement in .....	36
“ British .....	355	“ Rock Oil, Analysis of .....	223
Atlantic Telegraph Company .....	159	“ Industry and Trade.....	331
Aurora Borealis .....	319	“ Early Industry .....	353
Australia, Western.....	86	CANADIAN PATENTS..... 16, 48, 75, 153, 208, 269, 335	335
Ballasting Car, Fogg's improved .....	73	“ Patent Laws—Result of the Present Condition of .....	173
Balloon Ascents, Mr. Glaisher's .....	355, 376	“ Inventions, Recent.....	75, 172, 206
Bank Note Splitting .....	318	“ Copper .....	191
Birds, destruction of small, causing alarm.....	223	“ Minerals at the Great Exhibition .....	282
Blood Stains, analysis of .....	57	“ Flax Mill .....	82
<b>BOARD OF ARTS AND MANUFACTURES FOR U. C. :</b>		“ Lands, Sale of in 1861 .....	237
Meetings of the Sub-Committee 8, 133, 265, 334		“ Mines and Minerals.....	237
Proceedings of the Board .....	11, 42	“ Copper Mining on Lake Huron .....	239
Report of .....	12	“ Mica .....	254