

	PAGE
Grafts, Animal.....	308
Gradients, Climbing steep.....	323
Gunpowder, A new.....	48, 133
Gun-cotton and Charcoal.....	50
Inexplosive.....	106
Guns, English v. American.....	226
Gums, Bleaching.....	246
Hamilton Mechanics' Institute.....	98
Harrison Steam Boiler.....	213
Hat, An impromptu.....	244
Hams, To keep through the summer.....	246
Westphalia.....	275
Heating Power of various substances.....	81
Health, The way to.....	307
Hides, Green, Curing.....	107
Horse's scent, Power of.....	224
Horse, to judge its character.....	251
Horseshoeing, A new mode.....	321
Horse-keepers, Hints to.....	328
Hull Iron Mine, The first Smelting at the.....	105
Human Life, Statistics of.....	248
Hydro-propulsion.....	137
Hydrophobia, Remedies for.....	166, 211
Inlaying, The art of.....	181, 273
Inventions, British.....	132
The lull in.....	210
Inventors, Rewards to.....	195
Insects.....	241
Iron Ore.....	24, 105
Ancient workers in.....	47
Shaft, Monster.....	79
Cast Malleable.....	104
Examelling.....	128, 196, 213
Works at Barrow-in-Furness.....	129
Fibrous, What makes.....	130
Filings.....	161
Cast, how made.....	162
and Copper, Strength of.....	188
Works, Marmora.....	197
Bronzed.....	217
and Steel, Exports of.....	222
Malleable, Weight of.....	275
Cast.....	302
Cement.....	326
Itch, Treatment of.....	187
Ivory, Artificial.....	24
Fossil.....	327
Journal, The.....	5, 30, 32, 64, 120, 204, 309
Japanese Alloys.....	106
Jerusalem, Commercial aspect of.....	221
Krupp's Steel Works.....	5, 15, 40
Knowledge by the Fireside.....	38, 73, 94
Labels on Tin, To fix.....	50
Lamp, Kerosene, Explosion.....	307
Leather, Gummy Oil on.....	23
To prevent Rats from Damaging.....	25
from Leather Cuttings.....	78
Russia, how made.....	132
Cracking of.....	164
Waterproof Composition for.....	166
Splitting.....	242
and Bones, Old.....	299
Lead, Perchloride of.....	111
Red.....	325
Life Boats and Tackle.....	46, 102
Liberia, The Sugar Crop of.....	50
Linseed Oil, "Drying".....	107

	PAGE
Liquids, expansion of.....	134
Light, Artificial, Cost of	252
Lights, Artificial, Danger of.....	157
Lime Rubbish.....	159
Library of Reference.....	234
Longman, George	30
Lowell Manufactories.....	50
London, Sanitary arrangements of	125
" Post Office.....	222
Locomotives, A race of Road	321
Lumbermen, A useful Rule for.....	188
Lubricants, Wet and dry	321
Lucimeter, The	322
Lumbago, Cure for.....	322
Marble Fireplace, To clean	81
" Dust.....	161
" Variegated	246
Malleable Cast-iron.....	104, 302
" Iron, Weight per foot	275
Magnetism in Iron.....	106
Manures, Waste substances for	158
Malt Dust	161
Matches, Improvement in	166
Marmora Iron Works	197
Manufactures, Summary	244
" in Germany	320
Mahogany, to Imitate	325
Magnesia, Hypochlorite of	325
Measure-Maker, Every man his own	107
Mechanics in Southern Society.....	140
MECHANICS' INSTITUTIONS :	
Berlin, Annual Meeting.....	296
Hamilton "	93
Ottawa "	93
Toronto "	151
Toronto, Annual Exhibition.....	29, 94
" Evening Classes	120, 296, 315
Meats, to Preserve Fresh	189
Mercurial Vapors	218
Memoranda.....	25, 49, 80, 106, 134, 166, 188, 217, 246, 375, 326
Metaphysics Defined	138
Metal Shavings	101
Metals, Linear Expansion of.. ..	134
" Friction of	134
" To remove dust from.....	217
" Temperature of heated.....	138
" Plating or coating	319
Metric System, The	250
Milk-Weed or Silk-Weed and the Canadian Nettle	89
Milk Supply, London.....	107
" Condensed.....	140
Microscope, Objects for the	175
Microscopic Furnace Dust.....	280
Mining Items	827
Molds, Interior of	81
Montreal Herald, Illustrated	120
Mortality of Cities	135
Motive Power, Ammoniacal Gas	302
Moles, The Diet of	307
Moldiness, to Prevent	246
Mushet's Steel Manufacture.....	302
Naturalist's Home, A.....	96
Nails, Sizes of.....	134
New York and Canada	108
Nitro-glycerine, Non-explosive.....	52
" " Explosion	112
Niagara Falls Glacier.....	84
Night Schools in France ..	267