

74. Hornblende.
75. Natrolite.
76. Scolezite.
77. Mesolite, &c.
78. Faröelite (Mesole).
79. Thomsonite.
80. Stilbite.
81. Epistilbite.
82. Heulandite.
83. Chabasite, &c.
84. Gmelinite.
85. Levyne.
86. Laumonite.
87. Phillipsite.
88. Brewsterite.
89. Analcime.
90. Harmotome.
91. Edingtonite.
92. Weissigite?
93. Prehnite.
94. Allophane.
95. Chlorite.
96. Aphrosiderite.
97. Kammererite.

98. Margarodite.
a. Nacrite.
b. Gilbertite.
c. Talcite.
99. Talc-steatite.
100. Lithomarge.
101. Saponite.
102. Kaolin.
103. Pinite.
104. Apophyllite.
105. Pectolite.
106. Gyrolite.
107. Serpentine, &c.
108. Topaz.
109. Chondrodite.
110. Lepidolite.
111. Tourmaline.
112. Datholite.
113. Axinite.

ORDER XII.—ALUMINA AND ALUMINATES.

114. Corundum.
115. Spinel.

Class II.—Metallic Minerals.

ORDER I.—GOLD.

116. Gold.

ORDER II.—SILVER.

117. Silver.
118. Argentite.
119. Pyrargyrite.
120. Hornsilver (kerate)

ORDER III.—PLATINUM.

121. Platinum.

ORDER IV.—IRON.

122. Metallic Iron (meteoric).
Appendix. Meteoric stones.

123. Hematite (specular iron).

124. Magnetite.
125. Gothite.
126. Limonite.
127. Siderite.
128. Ilmenite.
129. Iserine.
130. Cronstedtite.
131. Vivianite.
132. Scorodite.
133. Pharmacosiderite.
134. Beudantite.
135. Melanterite.
136. Iron alum.
137. Fayalite.
138. Chlorophæite.
139. Green earth.
a. Glauconite.
b. Kirwanite.
140. Pitticite.
141. Pyrites.
142. Marcasite, &c.
143. Pyrrhotine.
144. Mispickel.

ORDER V.—MANGANESE.

145. Pyrolusite, &c.
(Varvicite).
146. Manganite.
147. Psilomelane.
148. Wad.
149. Diallogite.
150. Rhodonite.

ORDER VI.—NICKEL.

151. Annabergite.
152. Emerald nickel.
153. Millerite.
154. Eisen-nickelkies.
155. Nickeline (kupfer-nickel).

ORDER VII.—COBALT.

156. Asbolane.
157. Erythrine.
158. Smaltine.
159. Cobaltine.

ORDER VIII.—COPPER.

160. Copper.
161. Cuprite.
162. Melaconite.
163. Pitchy copper.
164. Malachite.
165. Chessylite.
166. Liroconite.
167. Tamarite.
168. Clinoclase.
169. Olivenite.
170. Cornwallite.
171. Erinite.
172. Libethenite.
173. Lunnite.
174. Blue vitriol.
175. Brochantite.
176. Chrysocolla.
177. Condurrito (Domeykite).

178. Copper glance.
179. Kupferindig (Covellite).
180. Tennantite.
181. Tetrahedrite.
182. Chalcopyrite.
183. Erubescite.
184. Bournonite.
185. Connellite.
186. Molybdenine.
187. Molybdenite.

ORDER X.—TUNGSTEN.

188. Tungstic ochre (Wolframine).
189. Scheelite.
190. Wolfram.

ORDER XI.—TIN.

191. Cassiterite.
192. Stannine.

ORDER XII.—TITANIUM.

193. Rutile.
194. Anatase.
195. Brookite.
196. Sphene.

ORDER XIII.—ARSENIC.

197. Arsenic.
198. Arsenite.

ORDER XIV.—ANTIMONY.

199. Kermes (Red antimony).
200. Cervanite.
201. Antimony ochre (Stiblite).
202. Bleinierite.
203. Antimonite.
204. Berthierite.

ORDER XV.—BISMUTH.

205. Bismuth.
206. Bismuth ochre.
207. Bismuthine.
208. Daphyllite (Tetradymite).

ORDER XVI.—URANIUM.

209. Uran-ochre (Zippeite).
210. Pitchblende.
211. Chalcolite (Uranite).
212. Autunnite.

ORDER XVII.—LEAD.

213. Lead?
214. Minium.
215. Plattnerite?
216. Cerussite.
217. Anglesite.
218. Linarite.
219. Leadhillite.
220. Susannite.
221. Lanarkite.
222. Caledonite.
223. Pyromorphite, &c.
224. Mimeteite.
225. Vanadinite.
226. Stolzite.
227. Wulfenite.
228. Galena.
229. Jamesonite.
230. Kilbrickenite (Geocronite).
231. Mendipite.
232. Matlockite.
233. Cromfordite.

ORDER XVIII.—ZINC.

234. Calamine.
235. Aurichalcite.
236. Smithsonite.
237. Goslarite.
238. Blende.

ORDER XIX.—CADMIUM.

239. Greenockite.

ORDER XX.—CHROMIUM.

240. Chrome oxide.
241. Chromite.

SUPPLEMENT.

- | | |
|------------------------------------|---|
| 1. Apjohnite. | 8. Mineral charcoal. |
| 2. Agalmatholite. | 9. Nitro-calcite. |
| 3. Bole. | 10. Pipe-clay. |
| a. Erinite. | 11. Potter's clay. |
| b. Rhodalite. | 12. Pigotite. |
| c. Fuller's-earth. | 13. Plinthite. |
| d. Rock-soap. | 14. Rotten-stone. |
| 4. Calcareo-sulphate of barytes. | 15. Scarbroite. |
| 5. Calcareo-sulphate of strontian. | 16. Stannite. |
| 6. Doranite. | 17. Supersulphuret of lead (Johnstonite). |
| 7. Leedsite. | 18. Tuesite. |
| | 19. Verrucite. |

EXHIBITION LECTURES.*

Woollen Rags.

Woollen rags have become extensively useful of late years. They cannot be converted into paper, but they can be converted into a great

* Abstract of Dr. Lyon Playfair's Exhibition Lectures.