

MINERAL CATALOGUE

JOLY COLLECTION

Catalogue of Minerals

M1361

1.

Large Crystal of smoky-Quartz
with smaller crystals.

St. Gothard, Switzerland.

Bought at Devil's Bridge. 1888.

Cracks at pyramid supposed due
to cold. (cut 65 lbs)

2.

M539

Crystal of clear-Quartz, containing
host of black-Quartz.

St. Gothard, Switzerland.

Bought at Devil's Bridge. 1888.

3.

M551

Crystal of smoky Quartz.

St. Gothard, Switzerland

Bought at Devil's Bridge. 1888

4. Crystal of clear Quartz containing
(M541) fine green fibres of asbestos
✓ M627 ✓ Devil's Bridge. Switzerland. 1888

5. Clear quartz in ropes of crystals
✓ M562 - all crystallographically related -
with some Adularia.
Switzerland 1888

M994

6. Clear quartz group - one larger
crystal with green ghost of chlorite.
Bought at Andermatt 1888 (3/2)
St. Gothard.

M874

7. Indefinite crystalline mass of translucent
quartz. curiously pitted. cloudless.
St. Gothard. Bought at Devil's Bridge
1888.

8. Indefinite crystalline mass of
✓ M559 smoky Quartz - curiously puckerd
St. Gothard. Bought at Devils Bridge
1888.

9. Clear limpid. cryst. of SiO_2 ,
curiously puckerd at ends.
St. Gothard. (Devils Bridge, 1888)

10. Spiral prisms of pale smoky Quartz.
Switzerland.
Bought at ~~Lucern~~ Brunnen, Lake
of Lucern 1887.

11. Very perfectly terminated crystal of
smoky Quartz. St. Gothard.
Devils Bridge. 1887.

✓ M1001
12. Crystals ^{of Quartz} interpenetrated at right angles.
Clear containing asbestos. Andarmatt
1887.

✓ M619
13.

Parallel, doubly terminated crystals
of Quartz. Very limpid.

Dents 283. 1888

14.

Doubly terminated crystal of clear
Quartz with reentrant faces.
Bought at a way-side stall near
Salvan - Switzerland. 1885.

(Cost 30 Centimes)

✓ M682
15.

Crystal of clear quartz filled with
pinkish Sphene in fine crystals.

Zermat. 1884.

M536 M616

✓ M1015
16. 17.

groups of small limpid doubly
terminated crystals of quartz.

Ardermatt. 1884.

✓ M1014

18. 19. Limpid crystals of quartz; doubly
terminated. Switzerland 1888.

M993

20.

Long, slender, milk-quartz crystals
with clear tops. Locality unknown.

From W. Ferguson.

M922

21.

Quartz on Tronstone with some Pyrites.

From W. Ferguson. Locality unknown.

M1341, M1342

22. 23.

Precious Opal.

Queensland, Australia.

(Bought H.E. Fichte¹⁸⁸⁷)

24.

Ursarine and Magnetite.

From Birnen Thal. Switzerland

Bought at Fiesch. 1889.

[Yttrium phosphate.] Tetragonal. "Xenotime"

25.

Adularia ~~crystals~~ clear.

M582

Switzerland.

M603

26.

Adularia and chlorite.

M978

Joeschenen. Switzerland. 1888.

M598

27.

Rutile in fine prisms among quartz
St. Gothard. Andermatt 1887

✓ M646
28

Fine prism of Rutile with doubly
terminated Quartz and Siderite.

29. Purple clear axinite in thin crystals
small, with allite and adularia.
Andersmatt 1887.

30. Purple axinite, large crystals, no
matrix. Joescheren. 1888.

✓ M. 1131

31. Axinite, dark, dull green containing
much chlorite in purplish matrix of
same. Joescheren 1888.

32. Rutile in crystal of Quartz. From
Andersmatt. 1887.

✓ M680

33. Eisenflüßer or Hämatite, with Rutile.
Andersmatt 1887

✓ M. 1138

34.

Sphene in pinkish yellow lustrous
crystals in granitic matrix. Tunis.
Andermatt. 1887.

M. 815

35.

Sphene in Tunis crystals, greenish
topped with red. with ^{green} arbestos and
adularia Andermatt. 1887

✓ M. 641

36.

Solitary crystal of Tunis sphene. Clear
greenish-yellow. Joeschenen. 1888.

M. 818

37.

Crystal of sphene. Tunis. with albite.
Andermatt. 1887.

38, 39.

Crystals of dark red Rutile.

Lincoln County

North Carolina.

(Bought) A. E. Foote. London. 1887)

40.

Anatase. TiO_2 . small, bright, crystals Andermatt. 1887.

41.

Anatase. ~~Simple~~ crystal, large, Armstrong ¹⁸⁸⁸ ~~1887~~

✓ M670
42. Epidote, fine yellow-to-green prisms
Andermatt. 1887

✓ M666
43. Epidote with asbestos. Andermatt. 1887.

44. Epidote. long crystals. Zermat 1887

✓ M661 (M662)
45, 46. Epidote. stout crystals.
Zermat. 1887.

M918
47. Epidote. implanted crystals. one of
the crystals cemented into place.
Zermat 1887

M754
48. Idocrase. var. of Besenianite.
with Perovskite.
Zermat 1887.

M983 M.1165
49. 50. 51. 52A Same as 48. Zermat 1887

52B. M.846 (57 is without Perovskite)

52C. M.800

M.823 M919
53, 54. Idocrase - prisms?

54 is ~~partly~~ green in color at ends
of prisms. Zermat 1887.

55. Vesuvianite. with perovskite.
Clear green crystals.
Zermat. 1887

✓ M. 1218

56. Idocrase -

Locality unknown.

M 957

57. Epidote. green prisms, ~~prismatic~~.
Dauphiné. France.

✓ M 1105 ✓ M 1079

58, 59 Garnet. var. Grossularite
with Anatase??.

Piémont. France.

(Bought from Fuchs. 1887)

M 861

60.

Grossularite and Perovskite.
Locality?

M 932

61.

Red garnet. Grossularite.
Zermat. 1887.

✓ M. 1191

62.

Red garnet - dark color - on
perovskite. Zermat 1887.

✓ M. 1254 ✓ M. 1182

63, 64.

Black garnet on green skirt and
perovskite. Zermat 1887

M.792

65. Idocrase and Perine with Calc spar
Zermat 1887.

✓ M.1248

66. Yellow garnet. with Crystals of Perine.
Zermat. 1887.

M.826

67. Diopside. (See Hennigott P.179) Pyroscine
Apple green prisms with marked
longitudinal cleavage. No end faces.
Zermat 1887.

M.749

68. Clear, limpid Fluor spar with
allite.

Zermat. 1887.

M.930

69. Cubes of Perovskite [(Ca, Ti) oxide]
Zermat 1887.

M.769

on white & green schist.

70.

Perovskite. high luster. on green
schist.

Perovskite?

Zermat 1887.

71. Pennine. Large Crystal on
grey-green matrix.
Zermat-87.

M. 1159
72. Pyramidal Crystals of Pennine.
Zermat-1887

M. 1177
73. Single crystal, 5-sided. Pennine.
Zermat-1887

M 962 M 601
74. 74', yellow garnet in white asbestos
74" M. 487 with green garnets.
Zermat-1887.

M 630
75. Crystal of clear apatite.
Zermat-1887.

76. Labradorite.
Bought at Pierre Pointe.
on Mt. Blanc. 1887.

M 734
77. (Amphibole ??) Quartz,
Bought at Mürren. Switzerland
1885. (ent 1.50)

78. Ditto, Ditto. at Mürren. 1885. (ent 1.50.)

M981

79. Altered Beryl on granite in the schorl.
From ~~Ballyhetagh~~ ^{Glencullen} Co. Dublin.

Probably contains Iolite.

See Proc. Roy. Dub. Soc. New Ser. V. p. 48.

Found Jan. 1885

80. Large crystal of green Beryl.

From Ballyhetagh. Co. Dublin

Found 1883.

Mentioned in Proc. R. Dub. Soc. V. p. 49.

M643

81.

Aqua Marcia or blue Beryl from
Mourne Mountains. Co. Down.

M. 839

82. 83. Zeolites. Chabasite?

St. Patrick's Causeway. Co. Antrim.

From H. D. Doyle.

M910

84.

Zeolite. Natrolite.

From St. Patrick's Causeway. Co. Antrim

(From H. D. Doyle.)

85.

Agate in clustering prisms.

M. 565

St. Patrick's Causeway. Co. Antrim. (H. D. Doyle)

M. 742
86.

Crystal of Beryl from granite
at Glencullen Co. Dublin.
See Proc. R. Dub. Soc. V. V.

M623
87.

Group of hexagonal basal crystals
of Calcite on Quartz with blende.
Glendalough Co Wicklow.

M931
88.

Zeolite, Harmotome. from
Glendalough Co Wicklow.
See Proc. R. Dub. Soc. Vol V. P. 165.

M604 M702

89. 90. Clear green Apatite.
Cornwall.

(Bought of Henson. London. 1888.)

M567 M618

91. 92. Calcite. Lancashire.

M568,

92. (Bought of Henson) 1888

M1010

93. Celestite, crystal.

(Bought of Henson 1888)

94. Fluor containing Moring bubble.
Weardale. Durham. England.
(Forte. 1887) Crystal without
matrix.

M904
95. Barites. Locality unknown.

96. Molybdenite. MoS_2 . (Monocl.? Hexag.?)
Renfrew, Co., Canada.
(Forte. 1887)

M452
97. Jadeite.
Var. Jade.
Ceylon.
(Forte. 1887).

98. stibnite. Sb_2S_3 .
Gray Antimony Ore.
Iyo, Japan.
(Forte 1887)

M669
99. Ditto, ditto. small crystal.

M659
100. Tourmaline. Locality unknown.

101. Ditto, ditto. smaller crystal.

Both from my Mother.

102. Native Sulphur. Reservoir.
From J. Atkinson. 1890.

P. 1194

103. Native Platinum ("with accompanying
metals"?)

Columbia S. America.

From W. Ferguson.

104. Native Gold. Loc. unknown.

From W. Ferguson.

105. Pyraugyrite. $3\text{AgS} + \text{Sb}_2\text{S}_3$.

Dark Ruby Silver. Rhombohedral.

Zacatecas. Mexico.

(Forte. 1887.)

M. 569

106, 106'. Apophyllite. Foliated Zeolite.

107. Guanaquato, Mexico.

(Forte, 1887)

M. 460

108. Wavellite. $\text{Al}_2\text{O}_3 \cdot \text{P}_2 + 12\text{H}_2\text{O}$

Montgomery Co., Arkansas.

(Forte - 87)

M602

109. Harmotome. Zeolite.

Locality unknown.

M951

110. Hematite. In Rhombohedral
crystals or pseudomorphs
after clay-torch spar.

From G. Coffey.

M556

111. Rose Coloured Quartz.

Southford, Connecticut.

(Foster. 1887)

M963

112. Wavellite on black shale.

Co. Cork.

113.

Ice-land spar with curious optical
effect of cleavage planes and lines.
(Zentis. 1888)

Lines are tubes - Mostly containing
a fluid and bubble.

They constitute a delectable pattern.

114. Cleavage rhombohedron of Iceland
spar. (Beates 1858)

M. 644 960

115. Apatite. $\text{Ca}_3\text{P}_2 + \frac{1}{3}\text{Ca}(\text{Cl}, \text{F})$. Crystals.
Renfrew Co.,
Ontario, Canada,
(Sight of Foote 1887)

M. 812

116. Pyromorphite
~~Pyromorphite~~. Crystals on Quartz.
Loc. unknown.

M. 771

117. Pyromorphite.
~~Pyromorphite~~ on quartz.
pale green crystals.
Loc. unknown. (From W. Ferguson)

M. 1239

118. Sphro-sidinite with Calc-spar
and Pyrite. Loc.?
(From W. Ferguson.)

119.

Yellow-fluor spar and Pyrites.
(From W. Ferguson.)
Loc.?

1965

120

Zircon. Twin. $ZrSi_2$.

120'

Renfrew County, Canada.

Tetragonal. Unisilicate

(Foster 1887)

M950

121

Zircon in hornblende. High luster.

Twin. $ZrSi_2$.

Renfrew County, Canada.

Tetragonal. Unisilicate.

(Foster 1887) (Mus 14/8)

M929

122.

Zircon - single crystal.

Loc. as above. Foster 1887.

123.

Tourmaline. Black crystal.

Pierrepont. N.Y.

(Foster 87)

124

Tourmaline. (Brown)

Gouverneur, New York.

Rhombohedral, trisilicate.

(Foster 87)

M704

125.

Columbite.

Topham. Ma.

(- Forte. 1887

Number in Forte's Catalogue 474)

M689

126.

Topaz.

Brazil.

(Forte - 87)

127.

Chlorite.

Pseudomorph after garnet.

Isipemung, Michigan.

Isomeric. Manganoxyllite section.

(Forte - 1887)

128.

Sulphur deposited in sulphur

springs. Yellow stone. N. America.

(From Prof. Fitzgerald)

M. 1178

129.

Tourmaline, Black, 2 interpenetrated

crystals

(Forte - 87)

M964

130.

Resurcanite - Large broken
crystal with matrix.
American - Luc?

M1081

131.

Malachite: botryoidal - Russia?
(From my mother)

M961

132.

Datalite? Translucent white
crystals in matrix.
American.

(Loc. otherwise unknown.)

133

Limonite in lustrous enamel
American.

(Loc. otherwise unknown)

958

M959

134. 135.

Vanadinite $Pb^{3+}V + \frac{1}{3} PbO_2$

Vanadate of Lead.

Yuma Co., Arizona.

Heavy metal.

(Forte. 84) (4/s & 3/s)

M1091

136.

{ Vanadinite. (Hexagonal.)
 $3 \text{ PbO} \cdot \text{V}_2\text{O}_5 + \frac{1}{5} \text{ PbO}$
Lead vanadate.
Wulfenite. (Tetragonal)
 $\text{PbO} \cdot \text{MoO}_3$
Lead Molybdate.

Red Cloud Mine

Yuma Co., Arizona.

Foot - 87

Probably a vanadiferous Wulfenite.

See Dana p. 608

M1092

137.

Large single crystal of Wulfenite.
(Foot - 87. 6/8)

M. 777

138.

Opal. SiO_2 .

Var. Hyalite. with enclosure.

Queretaro. Mexico.

(Foot. 87)

M. 813

139.

Willernite. Zn^2Si . Rhombohedral

Franklin, New Jersey.

(Foot - 87)

M. 440

140

Variscite $Az^{\dots} P^{\dots} + 8 H$

Montgomery Co., Arkansas.

(Tröte .87)

M 679

141.

Gahnite (Zn Mn) ($Az^{\dots} Fe^{\dots}$)

var. Dysomite.

Zinc Manganese spinel

Sterling Mines. N. J.

(Tröte .87)

M 750

142.

Damourite.

Bedding, Connecticut.

(Tröte .87)

143.

Pumice. Picked up by the Norwegian vessel 'Borgild' when at anchor 6 miles from H'akalua during the eruption of 1880.

See Proc. R. Dublin Soc. IV. 291.

M. 1192

144.

Cassiterite in

Trinstone

Cornwall. England.

(Forte - 87)

M660

145

Siderite. Tril wood!

loc?

M726

146

Blue Calamine.

loc?

M1099

147.

?

American

Colorado?

M. 753

148.

?

American

Colorado?

149.

Amazon Stone. Microcline.

Pikes Peak, Colorado.

(Forte - 87)

M625

150

Tourmaline. group of small cysls.
Pierrepont. N.Y.
(Lote. 87)

M724

151.

Sunstone.
Loc. "Kragers".

M698

152.

Orthoclase. Twin Crystal.
Bob-tail Gulch.
Colorado.
(Lote-87)

M697

153.

Orthoclase. Bob-tail Gulch.
Colorado. (Lote-87)

M.1161

154.

Brittle Paramorph after Brookite.
 TiO_2 . orthorhombic.
Magnet Cone, Arkansas
(Lote-87 - 4/5)

M.1185

M.1193

155.

156.

Nigrine?

Brittle (femulated)
Nigrine, TiO_2 .
Magnet Cone, Arkansas (Lote-87)

M. 816

157.

Microcline. Amazon Stone.
Pikes Peak, Colorado.

(Forte 87. 2/5)

158.

Alz. white. $2\text{CuO} \cdot \text{CO}_2 + \text{CuOH}$

Malachite $\text{CuO} \cdot \text{CO}_2 + \text{CuOH}$

Morenci, Arizona.

(Forte 87)

159.

Beryl? Locality unknown

(From W. Ferguson.)

160.

M577

Smoky Quartz with rough faces

some on hexagonal prism.

(Brunnen?). Switzerland

1887.

M. 844

161.

Crystal of Quartz with vermiform
chlorite enclosed.

Andernatt. 1887.

M691

162.

Red Hyalite. Loc. unknown.

(From W. Ferguson)

M 609

163.

Quartz.

Hot Springs, Arkansas.

(Forte. 87)

M 621

164.

Rutile with Clear Quartz.

Bright, Del Rio's Bridge. 1887.

Switzerland. (St. Gothard?)

M 674

165.

Opal. Dior. Can. Fire.

Queretaro. Mexico.

(Forte. 1887)

166.

Crystal of Leucite.

Reservoir?

Sp. h. 0.19119. Sp. gr. 2.454

[Number in sp. heat expt is 251.]

167.

Amphibole. sp. h. 196 sp. gr. 3.180

Locality unknown.

[Number in sp. heat expt is 201]

168

5 crystals of Amphibole - some

terminated. Loc.?

M 850

169. Tourmaline. pinkish green.
Loc?

M. 1269

170. Brookite. TiO_2

Arkansite

Magnet-Cone.

Arkansas.

(From A. E. Foote - 87)
4/5

171. Group of clear, limpid Quartz
crystals.

Brunnen. 1887.

Switzerland.

172. Rubies. Scratch Quartz.
Loc.?

173. Turquoise. Loc.?

M 620

174. Quartz group of clear crystal with Rutile
Andersmatt. 1887.

M. 1141

175

Enstatite. Bronzite variety.

Barrf. Norway.

(Foot - 87. 6/s)

176

Semi-crystalline Quartz. Lomond.
(Bonglat Devil's Bridge). Switzerland.

1788

Opal. Centaurea water. 140
from S. American

M655

179

Barytes with Pearl Spar & Iron Pyrites

Cumberland. (K. D. Dyle)

180

Chalybite

Cornwall

"

181

Aragonite

Spain

"

M735

182

Desclorizite

Mimbres Mines

Georgetown. New Mexico ..

M862

183

Oligiste

Berminthal

"

184. Moonahite
(Scolicite)

from H. D. Page.

Near Bombay

"Prof. Josiah Cooke. U.S." Dr. Meyer's Collection.

185. Hauerite

from H. D. Page.

Badkusa

Scicily

M671

186. Rutile

Alexander Co.

"

N. Carolina.

187. Large transparent (brown) anatase.
Oberalpstock. Britten. 3/4.

M571

188.

Brookite and anatase on same specimen.

(Britten)

H1018

189

Brookite what Boulangerie Amsteg.

190

"

"

"

"

191.

Epidote. Britten.

M928

192.

Apatite & adularia.

Andersmatt.

M628

193.

Quartz with Amphibole.

"

194.

apatite & adular.

"

- M635
195. Quartz with re-enterant-faces. Andermatt.
- M576
196. " "
- M638
197. " "
- M.796
198. Axinite "
199. " "
200. Quartz. Clear. (Devil's Br.) with Apatite? beneath.
201. " " "
202. " Andermatt.
- M608
203. Conical Quartz. Bristen.
- M898 M.1269
204. Smoked " & Apatite Bristen.
- M.1195
205. Galena. Bristen
- M.759
206. Stilbite? "
- M554 M694
207. Quartz and Rutile. Andermatt
208. Axinite "
- M.1158
209. Haematite Devil's Bridge.
210. " "
- M579
211. Fluor Spar. Columns. Goeschenen.
212. Green Tourmaline. Bernien Thal. Jibat
Andermatt.
213. Ornatene. Bristen.

- 11030 Apatite Andermatt.
214. " yellow crystals on some faces.
- 550 Quartz Cryst. " "
215. " "
216. Large cryst. of Quartz " "
217. Amatare. bought at goeschenen. 4 ps 1892
218. Brookite " " 2 ps "
- 1626 SiO₂ Cont. stibnite " " 3 ps "
219. " " 2.50 ps "
220. Rutile " " 2.50 ps "
- 555 Curious Quartz Cryst. " Bristen. "
221. " " " "
- 1003 Quartz Cont. Pyrites? Andermatt. "
222. " " " "
- 1857 Orthoclase blades spar. Goeschenen. "
223. " " " "
- 11027 Smoky Quartz Cont. Rutile. " 4 ps. "
224. " " " "
- 46 Curious Cryst. of Quartz. Arnsteg " "
225. " " " "
- 135 Doubly terminated Quartz. Andermatt "
226. " " " "
227. Large Cryst. of Tourmaline. " "
- 881 Brookite. Arnsteg " "
228. " " " "
229. Rock interstratified high upon the Tödi " "
- 1701 Pink Fluor spar. Arnsteg. "
230. " " " "
231. From near Mitten see. Sonthal. "
- 11263 232, 233. Pizzo Centrale. St. Gothard. "
234. 235. Near Riferton Glacier. "

- 169 Diopside French Congo.
 236 Uranite. Gurnee Lake Mine. Cornwall
 1967
 37
 140 Malachite after cuprite. France
 238
 239 Tantalite Greenland.
 1169
 40
 1197 Nature Silver with Blende, Arizona.
 41
 84
 42
 43
 1059
 44
 1636
 45
 46
 1614
 47
 1982
 48
 49
 1656
 50
 1075
 51
 1689
 52
 53
 54
- Boracite in Gypsum. Lunenburg.
 From K.D. Doyle
 Aragonite, Tuscany.
 Rock Crystal Oisans. Dauphine'.
 Langite Lelavit(?) Mines. Cornwall. "
 Rock Crystal enclosing Rutile. Brazil. "
 Celestite. Gata. Gloucestershire. "
 Calcite. Cumberland. "
 Cerussite. Broken Hill. New South Wales. "
 Agate Geode enclosing water. Salto Chiet. "
 Dagraeto da Salto. Uruguay. "
 Baryta. Cumberland.
 Ivassite. Ivaura. Kirchspiel Kumsamo. "
 Finnish. Lapland. "
 Essonite with Alalite. Ala. Piedmont. "
 Rubellite in Lepidolite. Pala, San Diego. "
 California.
 Crocoisite Beresof. Siberia. "

1.1198

265.

Wiserine from Binn. (1895-) (35f)

1.1199

266.

"

"

"

(1895-)

1.1200 - M.1205

267.

262.

Wiserine from Binn. (1895-)

(largest 25f)

M970

263.

264. Large separate crystals of Wiserine, Binn. (1895)

M1206

265.

Twin crystal of Magnetite, Binn. (1895)

M.1209

266.

Twin crystal of Magnetite, Binn. (1895)

M972

267.

Green Garnet, Binn. (1895)

M1208

268.

Rutile, Binn. (1895)

269

Twinned Rutile, Binn. (1895-) (35f)

M895

270

Zinc Blende, Binn. (1895)

M896

271.

"

"

"

"

M984

M973

272.

273. Orthoclase, bought near Jöschenen. (1894)

274.

M1332

Pyrophyllite, near Zermatt.

M673

276.

Tourmaline, Binn. (1895)

M894

277.

Dufrenoyserite, Binn. (1895)

278.

Magnetite, Binn. (1895)

M927

279.

Orthoclase, Binn. (1895)

280.

Desmine, Binn. (1895) M599

1893

281.

Rutile(?) in Dolomite, Binn. (1895) M893

282

No Epidote and Apatite, Jöschenen