

JOLY COLLECTION

ADUIARIA

No

M562

with quartz

582

588

815

978

Cuph. Shelf

16

2

✓

29

2

"

"

29

5

29

8

AEGRITE

K10

M 1213

with Microcline

Cupb. Shell

15

12✓

ALABESTER

No
854

Cupb. Shelf
29 6

ALALITE

(Pyroxene)

No

Cupb. Shelf

M1087 with Essonite

29

9

Joly Coll.

ALBITE

NO
749

cupb Shalc
29 5

ALLANITE

No

722

Cups Shelf

29

4

AMBER

NO

Cuph. Shelf

939

940

941

15 14

AMETHYST

No	Cupb	Shelf
794	29	5
842	29	4
843	"	"
971	29	8

AMPHIBOLE

No

Cupb Shrik

767

29

4

ANATASE

No

Cupb Shelf

M 1079 (?) with Grossularite

29

9

ANTHRACITE

NO

M 1188

Cupb Shelt

15

2

APATITE

No					
M 588					
M 604	Clear green				
702	" "	15/8	29	2	
898			27	10	
928			29	4	
960			27	10	
1030			29	7	
1080	with garnet		29	8	
1089			29	9	
1269			29	10	
			27	5	

APOPHYLLITE

No

Cupb Shelf Tray

544

569

585

794

29

5

AQUAREPTITE
Aquadreptite

415
See Dana's 2nd Appendix 1875
p. 3

NO

M 1119

Cupb. Shelf

29

10

ARAGONITE

No

565

Cupn Shelf Tray

ARKANSITE

No
M 1268

Cupb Shelf

27 5

ARSENIC

K10

M 1136 (?)

Cupb. Shelf

29 12

ASBESTOS

MO

Cupb. Shelf

M666

29

2

815

Green

29

5

AUTUNITE

No

Cupb. Shelf

977
1056

29 8
29 9

AUTUNITE

No	cupb. Shelf	
977	29	8
1056	29	9

AVENTURINE

No (M)

1064

1065

Cupb. Shelf Tray

29

9

AXINTTE

No	Cupb.	Shelf
M 796	29	5
1131 Dark green on purplish matrix of same	29	12

AZURITE

No

M1322

1066

Cupb. Shell

Hall Case

~~15~~

14

BARYTES

NO	Cupb - Shelf	
M655	29	2
M656		
904	29	8
987	29	8
1086		
1120	29	10
sulphate of, in Rock crystal sulphate of crystal (?)		

BERYL

NO
M643 Blue

772
981

Cupb. Shelf

29 4

29 4

29 8

BIOTITE

No

M 721

1157

Cupb Shelf

29

4

29

12

BLNDE

Mo
M1169

Cupb Shelf

29 10

BROMLITE

BRONZITE

No
M 1171

Cupb Shelf

29 10

BROOKITE

NO
MS71
881
897
1018
1268

Cupb.	Shelf
201	1
29	6
27	10
29	9
27	5

BROWN SPAR

M938

Cupb. Shell Tray

29

7

BYSSOLITE

NO

865

Cups Shelf

27

10

CALAMINE

NO
726
985

Blue
cupreous

Cuph - Shells

29 4

29 8

CALCITE

No

Cups Sulf

1 M 567

27 7

568

" 4

614

29 1

618

29 1

623 on quartz with blende

29 1

785

29 4

1336 Iceland Spar

29 4

29 4

CASSITERITE, TINSTONE



No	Cupb	Shelf
M 1168	15	2
1192	"	"
1103	"	"

CELESTITE

NO

1010

Cupb. Shelf

24

8

CERUSSITE

No

Cupb. Shelf

HM 982

29

8

CHALCOCITE



11703

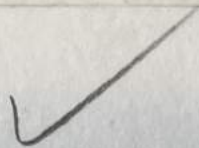
cupb.

Sh+15

15

2

CHABAZITE



N
No
639

Cupb Shell
27 10

CHALYBITE

No

M1351

CHALBAZ ITE

No	Cups	Sheet
714	201	4
839	27	10

CHESTERITE

No

705

Cups Shells

29

4

CHLORASTROLITE

No		Cupb	Shelf
768	Green star stone	29	4

CHLORITE

No

Cupb. Shelf

978

29 8

CHRYSOCOLLA

MO

775

Cupra Shelf

29

4

CHRY SOLITE OLIVINE

No
781

Cupb Shell
29 4

COBALT

No

Cuph. Shelf

M1063 Blue, with Pharmacolite

29 9

COERULEOLACTITE

No

Cupb Shell

M 1061

27 12

COLUMBITE

no

704

Cupb Shelf

29

4

CONSERANITE ?

M 1657

Cupb Shelf

29

2

COPPER

No	Cupb. Shell
M 1058 Blue carbonate of	29 9
1174	29 10

CORUNDUM

No

M M 1261

Cupb. Shell

27

5

✓
COVELLITE Blue Copper

NO

Cupb. Shelt

M 1057

15

2

DATOLITE

No
785
961

Cupb	Shelt
29	4
29	8

DAMOURITE

No

750

Cupb Shelf

29

5

DESCIOITZITE

Mo
735

cupb Shelf
29 4

DESMINE

NO
M599
714

Cupb. Shelf

29

4

DIOPSIDE

No
826

Cupb Shelf
29 6

DIOPTASE

No

969

Cups Shell-

29

8

DUFREY SENITE

894

29 7

DURANGITE

No
710

Cupb Sholt
29 4

ELACOLITE

NO
686

Cupb. Shelf

29

2

EMERALD

MO

M 1344

Cupb Shell

Wall case?

ENSTATITE

No

M 1171

Var Bronzite

Cupb Shelf

29 10

EPIDOTE

No	Cuph.	Shelf
M661	29	2
666	29	2
670	"	"
797	29	5
918	29	7
948	27	12
957 Green prisms	27	12

ERYTHRITE

NO

MIZHI

Cups. Shelf

ESSONITE

No
1087 with Al²⁺ite

Cupb. Shelf

29 9

FLINT

NO

Cupb. Shelf

M 1300

27

8

1301 Flake

"

"

FLUORSPAR

NO		Cuph	Shelf
M579			
590	Green	29	2
591	"	29	2
590	On quartz	29	2
701	Pink	27	7
749	with Albite	29	4
		29	5

FRANKLINITE

No	cupr.	Sheet
M 741	27	14
1102		

GAHNITE

No
M679
720

Cupb Shelf

29	2
27	10

GALENA



NO
M1195
1216

Cupb Shelf

15

2

15

2

GARNET

No		Cupb	Shelf
601	Yellow & Green	29	5
787	Yellow with green garnets	29	7
932	Grossularite	29	8
962	Yellow & Green	29	8
972	Green	29	9
1079	var Grossularite, with Anorthite	29	9
1080	with Anorthite	27	5
1182	Black	27	5
1191	On Penine	27	5
1214	var. Polydelphite	27	5
1217		27	5
1220	(?)	11	11
1222		29	14
1224	White	27	8
1248	Yellow	27	5
1254	Black on Green Schist & Penine	27	5
1323		Hall Case	

GENTHITE

No

M 1083

Cupb. Shell

29

9

GOETHITE

No

ML1186

Cupb. Shelf

27 5

GOLD



866

867

900

Cup h

Shelf

15

2

11

11

17

4

GROBULARITE

tid

861

932

Cupb Shelf

29

7

29

7

GUTERMANNITE

No
791

Cupb. Sheet
29 5

GYP SUM

- NO -

1043

1326

Cupb. Shelf

29 10

Hall Case

HAEMATITE

No	Cupb	Sheet
M 680	29	2
951	29	7
1158	29	10

HARMOTOME

No

931

cupb. Shell

29

7

~~HORNBLende~~

no
950 With Zircon

Cupb Shelf

27 12

HYALITE

OPAL YZV

NO

654

647

691

777

Red

With enclosure

Cupb.	Shelf
29	2
29	2
29	2
27	10

IDOGRASE

No		Cupb	Shell
754		29	5
792		29	5
800		29	5
823	prisms?	24	5
919	prisms	29	5
983	var vesuvianite	29	10
1165		29	10
1218		27	5

ILMENITE

JOLY

No

Cup h

Shelf

M1103

(?)

29

10

INFUSORIAL EARTH

OPAL

No

731

Cupb Shelf

29

4

IOLITE

No

827

Cupb

29

Sheet

6

IVAARITE (6Si 3Ti 2Fe 6Ca)

No

M 1075

Cuph. Shell

29

9

over/

Ivaarite. As described by Nordenskiöld (Beskr. Finkl. Min.
1855, 101) it has the same characters of Schorlomite, & like
it, is found with Elaeolite. Garnet-like crystals, black
& opaque, adamantine lustre (Dana, System of Min, 1868
p 391)

JADEITE

Joly Coll

110

952

Cupb. Shelf

29

7

JARROWITE (pseudomorph of Calcite)

M5541 - 5544

Glencolumbkille Limestone
Co. Donegal.

Collected by J.O. Johnston TCD 1993

See paper by Johnston

KERMESITE

✓
Cuph Shell

15 2

M -

KERMANITE

M764

No
764

Cup b	Shelf
29	4

LABRADORITE

No

802

Cuph. Sheet

29

5

LANGITE

NO
791
1059

Cups Shells

29

5

29

9

Joly Coll.

M1066

Lapis lazuli

Cupb: 15/14

LEAD

Cupb. Shelf Tray

955 Muriol phosphate

29

7

1089 Lead Sulphate

LIMONITE

N10

M1090

Cupb. Shelf

29

10

MALACHITE

No

M 1081

1140

1206

Twin crystals

Cupb. Shelf

29

9

29

10

27

14

MARCASITE

No

M1088

Cupb. Shelt

29 10

MARTITE

No
725

Cuph	Sheet
29	4

MICROCLINE

AMAZON STONE

cupb Shric

29

5

27

14

NO

816

1313

MOLYBDENITE

NO
MI 1346

Cupb Shelf

Hall SC?

MOLYBDITE

Cupb. Shelf

NO

29

10

M 1001

Lead

MUSCOVITE

No
M1325

Cupb Shelf
Hall Case

MYRITE (?)

140

cupb. Shelf

1239

27

8

NATROLITE

910

27

12

NEPHELITE

No
M 686

cuph	Sheet
29	2

OLIGNITE

NO	Pack
862	Co.
	180

CRP	Sheet
29	7

OPAI

NO

M963

1073

Cups Shelf

29

8

29

9

ORTHOCLASE

140

607

698

857

927

973

984

1078

Cuph

Shelf

29

2

11

11

29

7

29

7

29

8

29

8

29

9

PARAGYRITE

JOLY

cupb Shelf

K10

M1118 Crystallized

PECTOLITE

No

1047

Cupb.	Shelf
15	14
27	12

PENINE

No		Cupb	Shelf
754		29	5
792		29	5
800		29	5
861		29	7
983	8	29	8
1159	Pyramidal crystals	29	10
1177	Single 5-sided crystal	27	5
1182	with black garnet	27	5
1191	with red garnet		
1248	with yellow garnet	27	8
1254	" black "	27	5

PEROVSKITE : CaTiO_3 Calcium Titanite

		Cups.	Shelf
769	High luster on green schist	29	4
930		29	7

PETALITE

No
785

Cupb	Shelf
29	4

PHARMACOLITE

No	Cupb.	Shelf
M1063 with Blue Cobalt	29	9

PIGOTITE

No

M1197

Cupb Shelt

27

5

PLATINUM

NO
M 1194 Native

Cupb. Shelf
27 5

PIGOTITE

Salt of Organic Acid

A salt of alumina and an organic acid called mudescous acid by Johnston. Composition $4\text{Al} - 6\text{H}_2\text{O}_4$ (the acid) - 27 H. Formed on granite, in Cornwall, from the action of wet vegetation. Reported also from Wicklow (Ch. Gaz., 1852, 378)

Johnston, Phil. Mag., III, xvii, 382

(Dana, System of Mineralogy, 1868, p. 750)

POLYDELPHITE (GARNET)

No

M 1214

Cupb. Shelf

27

5

Polyadelphite, Fr. Franklin, N.J. - Thom., Min i, 154, 1836

(Dana, System Min. 1868 p. 268)

PRENHITE

No
M 803
1262

Cupb	Shelf
29	5
27	5

JOLY

PROTOVERMICULITE

No

M 1107

Cupb. Shelf

29 10

PROUSTITE OR PYRARGYRITE

M

M789

Cupb.	Shelf
15	2

PROUSTITE OR PYRARGYRITE

M789

Cupb.	Shelf
15	2

PYRARGYRITE or PROUSTITE

M789

Cuph.	Shelf
15	2

PYRHOTTITE

No
M 1224

Cups. Shelf

29 14

PYRITE

No

Cupb. Shelf

M1093 with Pearl Spar

29 10

PYROMORPHITE

N10
771 on Quartz
812 crystals on quartz
944
1324

Cups	Shelf
29	4
29	5
29	7
Hall case	

PYROPHYLLITE

Cupb Shelt

H211 S.C.?

No

NO

533

M1332

545

548

550

554

556-

559

562

576

608-

616

619-

621

622

627

628

633

638

635

QUARTZ (1)

No (M)	Cupb	Shelf Tray
533-543	27	7
545-546	29	1
548	29	1
550-552	27	7
554-555 (546 curious crystal)	27	7
556-558 Rose	29	1
559 Smoky	29	1
562	29	1
576	29	2
608-609	29	1
616		
619-620	29	1
621 with rutile	29	1
622 with chlorite	29	1
627 with asbestos	29	1
628 With amphibole		
633 Coloured by iron	29	1
638	29	1
635		

OVER

639 Rock crystal enclosing Rutile

	Cups	Shells
694 with rutile	29	2
728 coloured with	29	4
734	29	4
771 with Pyromorphite	29	4
812 " "		
847 " "		
861 with Silver		
874		
897 with Brookite		
898 Smoky		
922 with Kinstone		
993-994		
1001		
1014-1015		
1027 Smoky with Rutile		
1269 Smo		
1361 Smoky		
1362-1364		
1366 with Galena		

QUARTZ (2)

No

1369 Rock crystal

1370 Smoky

1371 with Topaz

1372

1374 Smoky

1375

REDRUTHITE

NO

933

✓
Cupb. Shell

15 21

RED SILVER ORE

N10
789

Cupb Shrt
29 5

RUBELLITE

No

M 1327

Cupb. Shelf

Hall Case

RUTILE

No		Cupb.	Shelf
M1598	among quartz	29	2
671		15	2 ✓
893		29	10
1161	Parasomorph after Brookite	27	5
1185	Myvun?	27	5
1193	"	27	5
1208			

SCHORLOMITE

No

M 686

Cups Shrt

29

2

SIDERITE

NO

Cupb Shelf

M660

27

8

1229

Sphro -

SILVER

No		Cupn	Shrt	
822	Sulphate of, & Ruby silver	29	6	
868	Ore	15	2	✓
869-70	Crystals on Quartz	11	11	
871	Native silver Batopilas	29	7	
1067	crystals	27	12	
1164	Ruby	15	2	✓
1169	Native, with blende	29	10	
1259	Red	15	2	✓

SPAR

NO			Cupb	Shell
10938	Brown		29	7
1093	Pearl	Large crystal	29	10
1239	Calc		27	8

SPHALERITE



N10

Cupb Shelf

719

15

2

895

"

"

896

"

"

SPHENE

No		Cupb	Shelf
M641	Solitary crystal with twin		
815	in twin crystals, greenish topped with red.	29	5
818	Twins	29	6
1138		29	12

July Coll M1239

SPHEROSIDERITE

Named sphaerosiderite by Hausmann in 1813, from the concretionary variety, & retained by him for the whole. Haidinger reduced the name to Siderite, the prefix Sphero being applicable only to an unimportant variety

Dana, Syst. Min. 1868 p. 691

Cupb Shelf Tray

27

8

STIBNITE

No
M669
1085 Hair-like crystals in quartz

Cupb Shelf

29 2

29 9

STILBITE

Mo

759

1054

cuph Shell

29

9

STRONTIANITE

NO

MI 1050

Cupb. Shelf

27

12

STYRHANITE

No

M677

Cupb. Shelf

29

2

SULPHUR

No
M1328

Cupb. Shelf
Hall Case

SUNSTO HE

NO

Cupb Shrit

724

29

4

TANTALITE

No

M 1210

Cupb. Shelf

27

5

TEPHROITE

JOLY

N10

Cupb Shell

M 1102

27 14

TITANITE

110
727

Cupb Shell
29 4

TOBERNITE

No
778

Cupb Shell
29 4

TOP AZ

No

M 689

1257

cup n Shell

29

2

27

8

TOURMALINE

NO

Cuph. Shell

M659

850

1178

Black

29

6

27

5

TRIDYMITE

No

Cupn. Shelf

ML 1132

27 14

TURQUOISE

NO

6912

Cups

Shells

29

2

URANITE

No		Cupb	Shelf
IV 742		29	4
967		29	8
968		"	"
1070		29	9
1072	on quartz	"	"

VALENTINITE

MO

Cupb. Shelf

29 9

M 1074

VANADINITE

NO	Cups	Shelf
M 958	29	8
959	29	8
1091	29	10

VARIOLITE

No

M1132

Cupb. Shelt

29

14

VARISCITE

No

770

Cupb. Shelf

29

4

VESUVIANITE

No
M 754
964
983
1105

Cupb Shell

29	5
29	8
29	8
29	10

WAVEITE

NO		Cupb	Shells
690		29	2
760		29	4
761		29	5
762		29	5
763	on black shale	29	4
1076		29	9
1077		29	9

WILLEMITE

No

741

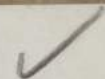
813

Supp Shelf

WISERINE

TiO₂

var. of Octahedrite occurring
at Binnenthal



No	Cupb	Shells
M 970	15	2
1198	"	"
1199	"	"
1200	"	"
1201	"	"
1202	"	"
1203	"	"
1204	"	"
1205	"	"

WITHERITE

NO

MSGG

578

Cupb Shelf

29 1

29 2

WULFENITE

No

M 1091

1092

Cupb. Shell

29

10

"

"

ZEOLITE

No
M602
717 Foliated

Cupb.	Shelf
27	10
27	10

ZINC

875	Sulphate
895	Blende
896	"

29

6

ZINCITE

NO
M 741
1102

Cupb Shell

27 14

ZIRCON

No		Cupb	Shrft
727		29	4
929		29	7
950	on hornblend	27	12
965		29	8
1226		27	8