

Mineral Name	Chemical Formula	ID#	Original Location	Original Source	Collection ID
Acanthite		110162	Las Reges Mine, Guanajuato, Mexico		Department 110162
Acanthite / Argentite		110207	Reyes Mine, Guanajuato, Mexico	Howard Minerals	Department 110207
Acmite in Syenite (Aegerine)		170084	Magnet Cove, Arkansas	Wards	Department 170084
Acmite w/ Riebeckite		170097	Palmer, Michigan	Mackinan Geological Supply	Department 170097
Actinolite		170099	Felch, Michigan	Mackinan Geological Supply	Department 170099
Actinolite		170125	Chester, Vermont		Department 170125
Actinolite		170121			Department 170121
Actinolite		170050	Cardwell, Montana	Watkins	Department 170050
Actinolite		170037	Mexico	Watkins	Department 170037
Actinolite		170081	Cajon Pass, San Bernardino Co., California	Wards	Department 170081
Actinolite		170071	Spruce Pine, N. Carolina	Wards	Department 170071
Actinolite in Talc		170060	Chelar Co., Washington	Prospector's Shop	Department 170060
Actinolite var. Byssolite		170119	Centreville, Virginia	Howard Minerals	Department 170119
Actinolite var. Mountain Leather		170059	Lemasurier Is., Alaska	Prospector's Shop	Department 170059
Adamite		140362	Mapimi, Durango, Mexico		Department 140362
Adamite	Zn2(AsO4)(OH)	140506	Eulalia, Chihuahua, Mexico	Howard Minerals	Belsky 2002 108
Adamite		140188	Mapimi, Durango, Mexico		Department 140188
Adamite	Zn2(AsO4)(OH)	140507	Mapimi, Mexico	Howard Minerals	Belsky 2002 109
Adamite		140291	Mapimi, Mexico		Department 140291
Adamite		140289	Mapimi, Mexico		Department 140289
Adamite	Zn2(AsO4)(OH)	140532	Mapimi, Mexico	Howard Minerals	Belsky 2004 081
Adamite		140154	Durango, Mexico		Department 140154
Adamite	Zn2(AsO4)(OH)	140526	Mapimi, Mexico	Howard Minerals	Belsky 2004 096
Adamite		140150	Mapimi, Durango, Mexico	S. J. Guggenheim, 1971	Department 140150
Adamite		140179	Mapimi, Durango, Mexico		Department 140179
Adamite		140317	Mapimi, Durango, Mexico		Department 140317
Adamite		140305	Mapimi, Mexico		Department 140305
Adamite		140175	Mapimi, Durango, Mexico		Department 140175
Adamite		140214	Mapimi, Durango, Mexico		Department 140214
Adamite (Cuprian)	Zn2(AsO4)(OH)	140540	Ilarion Mine, Kamarisa, Laurion Region, Greece	Howard Minerals	Belsky 2004 089
Adamite on Hemimorphite		140347	Mina Ojuela, Mapimi, Durango, Mexico	Howard Minerals	Department 140347
Adamite Xls.		140241	Mina Ojuela, Mapimi, Durango, Mexico	Howard Minerals	Department 140241
Adamite Xls., W/ Selenite and Limonite		140123	Durango, Mexico	Watkins	Department 140123
Adularia		150304	Switzerland		Department 150304

Adularia		150370	Switzerland		Department 150370
Adularia		150318	Switzerland		Department 150318
Adularia		150331	Switzerland		Department 150331
Adularia		150290	Switzerland		Department 150290
Adularia		150237	Switzerland		Department 150237
Adularia		150222	Switzerland		Department 150222
Adularia		150249	Switzerland		Department 150249
Adularia w/ qtz. Xls.		150035	Switzerland	Wards	Department 150035
Adularia Xls. & Chlorite	KAISi3O8	150410	Val de Fassa, Italy	Howard Minerals	Belsky 2000 072
Adularia Xls. & Chlorite	KAISi3O8	150503	Val de Fassa, Italy	Howard Minerals	Belsky 2004 115
Adularia Xls., and Chlorite		150238	Val de Fassa, Italy		Department 150238
Agate	SiO2	150406		Howard Minerals	Belsky 2000 053
Agate		150324	Butte, Brazil		Department 150324
Agate		150359			Department 150359
Agate		150339			Department 150339
Agate		150292	N. Dakota	Collection of A. Hoffman	Department 150292
Agate		150186	Oregon	Jules Fickle	Department 150186
Agate and Jasper		150273	Colorado	Collection of A. Hoffman	Department 150273
Agate nodule		150393	Colorado		Department 150393
Agate Slice	SiO2	150525	Minas Gerais, Brazil	Howard Minerals	Belsky Display/Collection 117
Agates		150296			Department 150296
Agates (some Dyed)		150313			Department 150313
Agrellite		160151	Kipawa Complex, Quebec, Canada	Howard Minerals	Department 160151
Alabaster		140135	National City, Michigan	Makinan Geological Supply	Department 140135
Alabaster (Gypsum)		140067	Acme, Texas	Watkins	Department 140067
Albite		150159	Habach tal, Salzburg, Austria	Wards	Department 150159
Albite		150015	Bancroft, Ontario	Wards	Department 150015
Albite		150044	Bancroft, Ontario	Wards	Department 150044
Albite		150199	Bancroft, Ontario	Watkins	Department 150199
Albite - Cleavelandite		150130	Custer, S. Dakota	Watkins	Department 150130
Albite Soda Feldspar		150107	Dungannon Township, Ontario, Canada	Minerals Unlimited	Department 150107
Albite Soda Feldspar var. Peristerite		150102	Peth, Ontario, Canada	Minerals Unlimited	Department 150102
Albite Soda Feldspar, Peristerite		150105	Dungannon Township, Ontario, Canada	Minerals Unlimited	Department 150105
Albite var. Peristerite		150014	Hybla, Ontario	Wards, W-142	Department 150014
Albite var. Peristerite (Moonstone)		150034	Hybla, Ontario	Wards	Department 150034

Allanite		180011	Wilberforce, Ontario	Wards, W-103	Department 180011
Allophane		160104	Magdalena, New Mexico	The Prospector's Shop	Department 160104
Almandine		190355	Roxbury, Conn.	Howard Minerals	Belsky 2004 142
Almandine		190280			Department 190280
Almandine		190281	Salida, Colorado		Department 190281
Almandine		190213	Roxbury, Connecticut		Department 190213
Almandine		190223	Gore Mt., NY		Department 190223
Almandine		190246	Wrangell, Alaska		Department 190246
Almandine Garnet		190221			Department 190221
Almandine Garnet		190230			Department 190230
Almandite Garnet Crystal		190083	Thackaringa, New South Wales, Australia	Filer's	Department 190083
Almandite in Schist		190079	Roxbury, Conn.	Gift of Thomas R. Fusto	Department 190079
Alrite		150300	Switzerland		Department 150300
Alum (Potash Alum)		140140	Silver Peal, Esmeralda Co., Nevada	Filers	Department 140140
Aluminocopiapite		140386	Volcano, Lipari Islands, Italy		Department 140386
Alunite		140013	Marysville, Utah	Wards, W-79	Department 140013
Amazonite		150338	Florissant, Colorado		Department 150338
Amazonite		150355	Amelia, Virginia		Department 150355
Amazonite		150163	Pike's Peak, Colorado	Wards	Department 150163
Amber		195002	Santander, Columbia South America	Howard Minerals	Belsky 2002 143
Amblygonite		140068	Custer, S. Dakota	Watkins	Department 140068
Amblygonite		140125	Custer, S. Dakota	Watkins	Department 140125
Amblygonite		140011	Karibib, S.W.Africa	Wards, W-84	Department 140011
Amblygonite		140147	Custer, SD	S. J. Guggenheim	Department 140147
Amesite on Malachite	Mg2Al(SiAl)O5(OH)4	170201	Tantara, Katanga	Wards	Siegel 160
Amethyst	SiO2	150497	Rio Grande, Sol Brazil	Howard Minerals	Belsky 2004 109
Amethyst		150244	Bellingham, Mass		Department 150244
Amethyst		150257	Veracruz, Mexico		Department 150257
Amethyst	SiO2	150436		Howard Minerals	Belsky 2000 254
Amethyst	SiO2	150414	Guanajuato, Mexico	Howard Minerals	Belsky 2000 158
Amethyst	SiO2	150415	Uruguay	Howard Minerals	Belsky 2000 162
Amethyst	SiO2	150496	Guanajuato, Mexico	Howard Minerals	Belsky 2004 108
Amethyst		150115	Australia	Watkins	Department 150115
Amethyst	SiO2	150293			Belsky Display/Collection 029

Amethyst	SiO2	150524		Howard Minerals	Belsky Display/Collection 116
Amethyst	SiO2	150306	Rio Grande du Sol, Mexico		Belsky Display/Collection 074
Amethyst (part of a large geode)		150098	Brazil	Wards	Department 150098
Amethyst (Stalactite)	SiO2	150416	Uruguay	Howard Minerals	Belsky 2000 164
Amethyst geode Section		150110	Uruguay	Watkins	Department 150110
Amethyst Quartz		150138	Mexico	Watkins	Department 150138
Amethyst Quartz	SiO2	150470	Brazil	Howard Minerals	Belsky 2002 116
Amethyst Stalacite	SiO2	150498	Uruguay	Howard Minerals	Belsky 2004 110
Amethyst Stalactite	SiO2	150469	Uruguay	Howard Minerals	Belsky 2002 115
Amethyst Xls.		150227	Veracruz, Mexico		Department 150227
Amphibole (Actinolite)		170043	Wrightwood, Los Angeles Co., California	Minerals Unlimited	Department 170043
Amphibole var. Actinolite		170002	Chester, Vermont	Wards	Department 170002
Amphibole var. Grunerite in Magnetite		170014	Michigamme, Michigan	Wards	Department 170014
Amphibole var. Hornblende		170001	Faraday Township, Ontario	Wards	Department 170001
Amphibole var. Nephrite Jade		170015	Monterey, California		Department 170015
Amphibole var. Tremolite		170030	St. Lawrence Co., NY	Wards	Department 170030
Amphibole var. Vralite		170062	Calumet, Colorado	Wards	Department 170062
Anabergite		140350	Laurium, Greece	Howard Minerals	Department 140350
Analcime	NaAlSi2O6-H2O	150516	Bound Brook, NJ	Howard Minerals	Belsky 2004 127
Analcime		150248	Chetaibi, Algeria	Howard Minerals	Department 150248
Analcime		150154	Santa Monica Mts., Los Angeles Co., California	Colorado Geological Industries	Department 150154
Analcime		150185	Arizona	Colorado Minerals	Department 150185
Analcime Xls.		150276	Bound Brook, New Jersey		Department 150276
Analcite, Natrolite, Apophyllite		150282	Cornwall, PA		Department 150282
Anapaite Xls.	Ca2Fe(+2)(PO4)2-4H2O	140315	Lerida, Spain	Howard Minerals	Belsky Display/Collection 038
Anapaite Xls.		140314	Lerida, Spain	Howard Minerals	Department 140314
Anatase	TiO2	120375	Cavradi, Graubunden, Switzerland	Howard Minerals	Belsky 2002 031
Anatase	TiO2	120307	Crapteig, Thusis, Graubunden, Switzerland	Howard Minerals	Belsky 2000 163
Anatase Xls.		120246	Disentis, Switz.		Department 120246
Anatase Xls.(Repaired)		120289	Binnenthal, Switzerland	Howard Minerals	Department 120289
Anatase-xx		120281	Rauris Tauern		Department 120281
Ancylite		130168	Ravalli Co., Montana	Wards	Department 130168

Andalusite	Al ₂ SiO ₅	190339	Kadubu, Serie?, Urundi	Wards	Siegel 162
Andalusite		190201	Jesenik, Silesia, CSSR	Wards	Department 190201
Andalusite		190006	White Mt., Mono County, California	Wards	Department 190006
Andalusite		190025	Taos, New Mexico	Wards	Department 190025
Andalusite		190253	Custer County, South Dakota	Frazier's Minerals	Department 190253
Andalusite		190274			Department 190274
Andalusite	Al ₂ SiO ₅	190305		Howard Minerals	Belsky 2000 051
Andalusite		190067	Custer, S. Dakota	Watkins	Department 190067
Andalusite	Al ₂ SiO ₅	190349	Mariposa County, Cal	Howard Minerals	Belsky 2002 136
Andalusite in matrix	Al ₂ SiO ₅	190338	Kadubu, Urundi	Wards	Siegel 134
Andalusite var. Chiastolite		190007	Bimbowrie, S. Australia	Wards, W-95	Department 190007
Andalusite var. Chiastolite		190076	Chowchilla, Madera Co., California	Filers	Department 190076
Anderxsonite and Bayleyite		130163	Ambrosia Lake Dist., New Mexico	The Prospector's Shop	Department 130163
Andesine in Monzonite Porphyry		150020	Judith Basin, Montana	Wards	Department 150020
Andorite Xls.		110226	Itos Mine, Bolivia		Department 110226
Andradite		190260	San Benito County, California		Department 190260
Andradite		190226	Eulytin, Chukotskoye Mtns., Chukotskoiey, USSR		Department 190226
Andradite	Ca ₃ Fe(+3) ₂ (SiO ₄) ₃	190306	Prince of Wales Is., Alaska	Howard Minerals	Belsky 2000 055
Andradite	Ca ₃ Fe(3+) ₂ (SiO ₄) ₃	190240	Ural Mountains, USSR	Howard Minerals	Belsky Display/Collection 030
Andradite		190288	San Benito, California		Department 190288
Andradite		190232	California		Department 190232
Andradite		190275	San Benito Co., California		Department 190275
Andradite		190283	Graham Co., Arizona		Department 190283
Andradite (demantoide)		190297	Val Malenco, Italy		Department 190297
Andradite Demantoide Xls.		190296	Val Malenco, Italy		Department 190296
Andradite Garnet		190044	Graham County, Arizona		Department 190044
Andradite Garnet		190362	Russia	Howard Minerals	Belsky 2004 149
Andradite Garnet Xls.		190256	USSR	Howard Minerals	Department 190256
Andradite var. Melanite		190290	San Benito Co., California	Howard Minerals	Department 190290
Andradite, Demantoide Xls.		190271	Val Malenco	Minerali e Pitre Dure	Department 190271
Anglesite		140023	Castledome, Yuma Co., Arizona	Wards	Department 140023
Anglesite		140336	Sonora, Mexico		Department 140336
Anglesite		140213	Chihuahua, Mexico		Department 140213
Anglesite		140356	Mt. Lyell, Tasmania		Department 140356
Anglesite		140272	San Felipe canyon, Sonora, Mexico	Howard Minerals	Department 140272

Anglesite		140403	Tsumeb, Namibia		Department 140403
Anglesite Xls.		140242	Tsumeb, S.W. Africa	Howard Minerals	Department 140242
Anhydrite		140032	Mound House, Nevada	Wards, W-74	Department 140032
Anhydrite		140397	Naica, Chihuahua, Mexico	Dick Jones, Mineral Company	Department 140397
Anhydrite		140046	Nova Scotia, Canada	Wards	Department 140046
Anhydrite		140075	Ontario, Canada	Kittredge Mineral Supply Co.	Department 140075
Anhydrite		140050	Texas	Watkins	Department 140050
Anhydrite		140035			Department 140035
Anhydrite		140019	Bancroft, Ontario	Wards	Department 140019
Anhydrite		140018	Balmat, NY	Wards	Department 140018
Anhydrite		140233	Naica, Chihuahua, Mexico		Department 140233
Anhydrite		140106	Bancroft, Ontario	Wards	Department 140106
Anhydrite		140003	Hantis Co., Nova Scotia	Wards	Department 140003
Anhydrite		140148	Gypsum, Col.	S. J. Guggenheim	Department 140148
Ankerite		130157	California	Colorado Minerals	Department 130157
Ankerite		130159	Colorado	Colorado Minerals	Department 130159
Ankerite Xls, w/ Galena		130167	Gilman Co., Colorado	Watkins	Department 130167
Annabergite	Ni ₃ (AsO ₄)-8H ₂ O	140508	Laurium, Greece	Howard Minerals	Belsky 2002 110
Annabergite	Ni ₃ (AsO ₄)-8H ₂ O	140426	Laurium, Greece	Howard Minerals	Belsky 2000 083
Annabergite		140270	Laurium, Greece	Howard Minerals	Department 140270
Annabergite Xls	Ni ₃ (AsO ₄)-8H ₂ O	140501	Laurium, Greece	Howard Minerals	Belsky 2002 104
Annabergite Xls.		140287	Laurium, Greece	Howard Minerals	Department 140287
Annabergite Xls.		140366	Laurium, Greece	Howard Minerals	Department 140366
Anorthite with Pyroxene		150031	Grass Valley, California	Wards	Department 150031
Anorthoclase		150090	Larvik, Norway	Watkins	Department 150090
Anorthoclase		150308	Mt. Erebus, Antarctica	Howard Minerals	Department 150308
Anorthoclase		150045	Larvik, Norway	Wards	Department 150045
Anthophyllite		170109	Groton, Conn,	S.J. Guggenheim	Department 170109
Anthophyllite		170051	Spruce Pine, N. Carolina	Watkins	Department 170051
Anthophyllite		170004	Cashiers, N. Carolina	Wards, W-114	Department 170004
Anthophyllite	(Mg,Fe) ₇ Si ₈ O ₂₂ (OH) ₂	170200	Mahagi, North of lake Albert	Wards	Siegel 161
Anthraconite		130182	Alpena, Michigan	Mackinaw	Department 130182
Anthraconite		130175	Alpena, Michigan	Mackinan Geological Supply	Department 130175
Antimony	Sb	100028	Chihuahua, Mexico	Vellor Comp.	Department 100028
Antlerite on Sulfides		140069	Gilman Co., Colorado	Watkins	Department 140069
Apatite		140009	Wilberforce, Ontario	Wards, W-81	Department 140009

Apatite		140114	Durango, Mexico	The Prospector's Shop	Department 140114
Apatite		140111	Ontario, Canada	Wards	Department 140111
Apatite		140103	Astierro Mine, Mapimi, Mexico	Wards	Department 140103
Apatite		140082	Greenwood, Maine	Minerals Unlimited	Department 140082
Apatite		140007	Ontario	Wards	Department 140007
Apatite		140045	Norway	Wards	Department 140045
Apatite		140034		Harbisan Collection	Department 140034
Apatite	Ca5(PO4)3(F,Cl, OH)	140494	Rhongletcher, Furka region, Switzerland	Howard Minerals	Belsky 2002 097
Apatite		140250			Department 140250
Apatite		140071			Department 140071
Apatite		140341			Department 140341
Apatite		140039			Department 140039
Apatite		140043	Cerro de Mercado, Durango, Mexico	Filers	Department 140043
Apatite		140235	Cerro de Mercado, Durango, Mexico		Department 140235
Apatite and Garnet in Mica		140228	Burnsville, NC		Department 140228
Apatite in Matrix		140139	Durango, Mexico	Watkins	Department 140139
Apatite in matrix		140079	Cenno de Meucado, Durango, Mexico	Minerals Unlimited	Department 140079
Apatite var. Chlor-Apatite		140008	Snarum, Norway	Wards	Department 140008
Apatite var. Manganoan		140129	Albany, Maine	Wards	Department 140129
Apatite var. mangapatite		140120	New Hampshire	Watkins	Department 140120
Apatite var., Chlor-apatite		140128	Snarum, Norway	Wards	Department 140128
Apatite XI.		140030	Cerro de Mercado, Durango, Mexico		Department 140030
Apatite XI.		140141	Ronfrew Ontario, Canada	Crane Collection	Department 140141
Apatite Xls.		140101	Mexico	Wards	Department 140101
Apatized Bone		140074	Calvert Co., Camp Canoy, Maryland, Choptank Fm., Z	C.F. Buddenhagen	Department 140074
Aphrosiderite		130169	Michigamme, Mich.	Wards	Department 130169
Apophyllite		150176	Bergen Hill, NJ	Wards	Department 150176
Apophyllite		160094	Patterson, New Jersey	Schortmann's Minerals	Department 160094
Apophyllite		160133	Berufjord, Iceland	Howard Minerals	Department 160133
Apophyllite		160145	Usti Nad, Lebem, Czech		Department 160145
Apophyllite and Stilbite		150200	Jewell Trunnel, Poonah, India	S. J. Guggenhiem	Department 150200
Apophyllite Xls.		160132	Poona, India	From the Collection of Howard Belskey	Department 160132
Apophyllite Xls.	KCa4(Si4O10)2F-8H2O	160194	Poona, India	Howard Minerals	Belsky 2004 130
Apophyllite, Stilbite		160117	Poona, India		Department 160117

Aquamarine		180050	Rhodesia	Prospector's Shop	Department 180050
Aquamarine Crystal		180080	Mt. Antero, Colorado	The Prospector's Shop	Department 180080
Aragonite	CaCO3	130630	Chihuahua, Mexico	Howard Minerals	Belsky 2002 069
Aragonite		130015	Flagstaff, Arizona	Wards, W-63	Department 130015
Aragonite		130030	Monterade, Provincia de Zaragoza, Spain		Department 130030
Aragonite		130294	Mexico		Department 130294
Aragonite	CaCO3	130292	Viterbo, Italy	Howard Minerals	Belsky Display/Collection 061
Aragonite	CaCO3	130671	Mexico	Howard Minerals	Belsky 2000 280
Aragonite		130326	Mexico		Department 130326
Aragonite		130308	Mexico		Department 130308
Aragonite		130460	Minganilla, Spain		Department 130460
Aragonite		130396	Molina De Aragon, Spain		Department 130396
Aragonite		130377	Casts of Calcite, Cedar City, Utah		Department 130377
Aragonite		130437	Spain		Department 130437
Aragonite		130025	Somerset, England	Wards	Department 130025
Aragonite		130210	Cabra Cornoba, Spain		Department 130210
Aragonite		130452			Department 130452
Aragonite		130351	Sefru, Morocco	Howard Minerals	Department 130351
Aragonite		130165	Santa Eulalia, Chihuahua, Mexico	Mineral Research	Department 130165
Aragonite		130146	Wensleydale, Yorkshire, England	Wards	Department 130146
Aragonite	CaCO3	130664	Kaiserstuhl, Gavaria, West Germany	Howard Minerals	Belsky 2004 055
Aragonite		130059			Department 130059
Aragonite		130082	Compton Martin, Somerset, England	Wards	Department 130082
Aragonite		130064	Ramon, NM	Prospectors Shop	Department 130064
Aragonite		130069	Chaves Co., NM	Prospectors Shop	Department 130069
Aragonite		130083	Milina, Aragon, Spain	Wards	Department 130083
Aragonite	CaCO3	130663	Chihuahua, Mexico	Howard Minerals	Belsky 2004 054
Aragonite Cluster	CaCO3	130552	Sefrou, Morocco	Howard Minerals	Belsky 2000 269
Aragonite Clusters	CaCO3	130662	Sefrou, Morrcco	Howard Minerals	Belsky 2004 053
Aragonite in Basalt	CaCO3	130631	Viterbo, Italy	Howard Minerals	Belsky 2002 070
Aragonite var. Tarnowitzite		130451	Tsumeb, S.W.Africa	Howard Minerals	Department 130451
Aragonite Xls.		130098	Chugwater Fm., Big Horn Co., Wyoming	W. D. Greene	Department 130098
Arfvedsonite and Garnets	Na3(Fe,Mg)4Fe(+3)Si8O22(OH)2	170197	Kamiaba, Katanga	Wards	Siegel 138
Arsenic		100044	Burraton Combe Quarry, Cornwall	Wards	Department 100044
Arsenopyrite		110037	Gold Hill, Utah	Wards	Department 110037

Arsenopyrite		110015	Near Seymour, Connecticut	Wards W-22	Department 110015
Arsenopyrite		140383	Armidale, New South Wales, Australia	Howard Minerals	Department 140383
Arsenopyrite	FeAsS	110355	Mitwaba, Katanga	Wards	Siegel 147
Arsenopyrite		140296	Kipushi, Shaba-Zaire		Department 140296
Arsenopyrite		110109	Ojuela Mine, Mapimi, Durango, Mexico	Southwest Mineral Supply	Department 110109
Arsenopyrite		140159	Panasquera, Portugal		Department 140159
Arsenopyrite		140301	Panasquera, Portugal		Department 140301
Arseno-pyrite		140290	Santa Eullalia, Chihuahua, Mexico		Department 140290
Arsenopyrite Xled	FeAsS	110352	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 008
Arsenopyrite, Lead		110056	S. Dakota	Watkins	Department 110056
Artinite	Mg2(CO3)(OH)2-3H2O	130672	Staten Island, NY	Howard Minerals	Belsky Display/Collection 001
Artinite	Mg2(CO3)(OH)2-3H2O	130545	Staten Island, NY	Howard Minerals	Belsky 2000 241
Artinite		130394	San Benito Co., California		Department 130394
Artinite Xls.		130219	Clear Creek, California	Howard Minerals	Department 130219
Asbestos		160122			Department 160122
Asphalt		100049	Trinidad Tar pits	Edward Escowitz	Department 100049
Asphaltum in Quartz Geode		100042	An Oxygenated Hydrocarbon, Adams County, Ohio	Wards	Department 100042
Augite		170007	NY	Wards, W-111	Department 170007
Augite		170074	Vesuvius, Naples, Italy	Wards	Department 170074
Augite		170034	Cedar Butte, Tillmook, Oregon	Southwest Scientific Co.	Department 170034
Augite		170035	Cedar Butte, Tillmook, Oregon	Southwest Scientific Co.	Department 170035
Augite		170036	Mt. Kenya, Kenya, E. Africa	Southwest Scientific Co.,	Department 170036
Augite (Clinopyroxene)		170056	Verona, Ontario	Watkins	Department 170056
Aurichalcite		130404	Hayden, Arizona		Department 130404
Aurichalcite		130466	79 Mine, Hayden, Arizona		Department 130466
Aurichalcite	(Zn,Cu(+3))5(CO3)2(OH)6	130666	79 Mine, New Hayden, Arizona	Howard Minerals	Belsky 2004 057
Aurichalcite	(Zn,Cu(+3))5(CO3)2(OH)6	130665	79 Mine, New Hayden, Arizona	Howard Minerals	Belsky 2004 056
Aurichalcite		130446	79 Mine, Hayden, Arizona	Howard Minerals	Department 130446
Aurichalcite		130358	79 Mine, near Hayden, Arizona	Howard Minerals	Department 130358
Aurichalcite	(Zn, Cu(+2))5(CO3)2(OH)6	130498	Christmas Mine, Arizona (or Chihuahua, Mex)	Howard Minerals	Belsky 2000 047
Aurichalcite		130183	Cal.	S.J. Guggenheim	Department 130183
Aurichalcite		130353	79 Mine, near Hayden, Arizona	Howard Minerals	Department 130353
Aurichalcite		130270	Hayden, Arizona		Department 130270
Aurichalcite	(Zn, Cu(+2))5(CO3)2(OH)6	130499	Christmas Mine, Arizona (or Chihuahua, Mex)	Howard Minerals	Belsky 2000 048

Aurichalcite		130375	Pima Co., Arizona		Department 130375
Aurichalcite		130138	Big Cottonwook Canyon, Salt Lake Co., Utah	Wards	Department 130138
Aurichalcite	(Zn, Cu(+2))5(CO3)2(OH)6	130547	Christmas Mine, Arizona (or Chihuahua, Mex)	Howard Minerals	Belsky 2000 046
Aurichalcite		130366	79 Mine, Hayden, Arizona	Howard Minerals	Department 130366
Aurichalcite		130373	79 Mine, Hayden, Arizona		Department 130373
Aurichalcite		130068	Mapimi, Durango, Mexico	Wards	Department 130068
Aurichalcite	(Zn,Cu(+2))5(CO3)2(OH)6	130628	79 Mine, near Hayden, Arizona	Howard Minerals	Belsky 2002 067
Aurichalcite	(Zn,Cu(+2))5(CO3)2(OH)6	130629	79 Mine, near Hayden, Arizona	Howard Minerals	Belsky 2002 068
Aurichalcite		130337	Bisbee, Arizona		Department 130337
Aurichalcite & Hemimorphite	(Zn,Cu(+2))5(CO3)2(OH)6	130549	Christmas Mine, Arizona	Howard Minerals	Belsky 2000 259
Aurichalcite Xls.		130291	79 Mine, Arizona	Howard Minerals	Department 130291
Austinite		140116	Ojela Mine, Mapimi, Durango, Mexico	The Prospector's Shop	Department 140116
Autunite		140094	Location Unknown	Wards	Department 140094
Autunite and (Qtz, Albite)		140085	New Hampshire	Watkins	Department 140085
Axinite	Ca2MgAl2BO3Si4O12(OH)	180224	Balme Auris, Isere, France	Howard Minerals	Belsky 2004 140
Axinite	Ca2MgAl2BO3Si4O12(OH)	180223	Balme Auris, Isere, France	Howard Minerals	Belsky 2004 139
Axinite Xls.		180124	La Rampe Des Conieres, Isere, France	Howard Minerals	Department 180124
Azurite		130212	Touissit, Morocco		Department 130212
Azurite		130401	Morenci, Arizona		Department 130401
Azurite		130319	Fresnillo, Zacatecas, Mexico		Department 130319
Azurite		130316			Department 130316
Azurite		130421	Mine Crouchen, Midelt, Morocco	Howard Minerals	Department 130421
Azurite		130077	Bisbee, Arizona	Wards	Department 130077
Azurite		130227	Tuissit M., Ojuda, Morocco		Department 130227
Azurite		130274	Touissif, Morocco		Department 130274
Azurite		130448	Mexico		Department 130448
Azurite		130267			Department 130267
Azurite		130269	Zacatecas, Mexico		Department 130269
Azurite		130403	Morenci, Arizona		Department 130403
Azurite		130413	Mexico		Department 130413
Azurite	Cu(+2)3(CO3)2(OH)2	130643	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2004 034
Azurite	Cu(+2)3(CO3)2(OH)2	130618	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 053
Azurite	Cu(+2)3(CO3)2(OH)2	130677		Howard Minerals	Belsky Display/Collection 105
Azurite	Cu(+2)3(CO3)2(OH)2	130567	Shangalowe, Katanga	Wards	Siegel 106
Azurite	Cu(+2)3(CO3)2(OH)2	130502	Mine Crouchen, Midelt, Morocco	Howard Minerals	Belsky 2000 076

Azurite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130674	Tissourte, Morocco	Howard Minerals	Belsky Display/Collection 019
Azurite & Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130617	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2002 052
Azurite & Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130614	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2002 049
Azurite & Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130615	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2002 050
Azurite & Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130616	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2002 051
Azurite (a)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130623	La Sal, Utah	Howard Minerals	Belsky 2002 061
Azurite (b)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130623	La Sal, Utah	Howard Minerals	Belsky 2002 062
Azurite (c)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130623	La Sal, Utah	Howard Minerals	Belsky 2002 058
Azurite (d)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130623	La Sal, Utah	Howard Minerals	Belsky 2002 059
Azurite (e)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130623	La Sal, Utah	Howard Minerals	Belsky 2002 060
Azurite and Dolomite		130364	Tuissit Mine, Oujda, Morocco	Howard Minerals	Department 130364
Azurite and Malachite		130352			Department 130352
Azurite and Malachite		130076	Arizona	Watkins	Department 130076
Azurite and Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2/\text{Cu}^{+2}_2(\text{CO}_3)(\text{OH})_2$	130505	Metcalf Mine, Morenci, Arizona	Howard Minerals	Belsky 2000 085
Azurite and Malachite		130041	Bisbee, Arizona	Wards	Department 130041
Azurite and Malachite		130286	Metcalf Mine, Morenci, Arizona	Howard Minerals	Department 130286
Azurite and Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130619	Zacatecas, Mexico	Howard Minerals	Belsky 2002 054
Azurite and Malachite		130244	Tsumeb, Namibia		Department 130244
Azurite and Malachite		130381	Metcalf Mine, Arizona		Department 130381
Azurite and Malachite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130620	Zacatecas, Mexico	Howard Minerals	Belsky 2002 055
Azurite and Malachite		130231	Tsumeb, Namibia		Department 130231
Azurite Geode	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130645	Blue Jay Claim San Juan Co., Utah	Howard Minerals	Belsky 2004 036
Azurite geode		130161	Globe, Arizona	The Prospector's Shop	Department 130161
Azurite Geode	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130641	Bay Jay Claim San Juan Co., Utah	Howard Minerals	Belsky 2004 032
Azurite in Calcareous Siltstone (Cambrian)	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130673	Gardiner Range, Northwest Territories, Australia	Howard Minerals	Belsky Display/Collection 003
Azurite on Chalcocite	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130566	Shangalowe, Katanga	Wards	Siegel 107
Azurite on Smithsonite		130298	Globe, Arizona		Department 130298
Azurite with Malachite		130099	Concepcion del Oro, Zacatecas, Mexico	Southwest Scientific	Department 130099
Azurite Xls.		130257	Mine Crouchen, Midelt, Morocco	Howard Minerals	Department 130257
Azurite Xls.		130355	Chessy, Rhone, France	Howard Minerals	Department 130355
Azurite Xls.	$\text{Cu}^{+2}_3(\text{CO}_3)_2(\text{OH})_2$	130506	Bisbee, AZ	Howard Minerals	Belsky 2000 140
Azurite, Bayldonite, and Cerussite		130463	Tsumeb, S.W.Africa		Department 130463
Azurite, Cerussite		130254	Tsumeb, Namibia		Department 130254

Azurite, Malachite, and Cerussite		130438	Tsumeb, S.W.Africa		Department 130438
Babingtonite on Prehnite	Ca ₂ (Fe(2+),Mn)Fe(+3)Si ₅ O ₁₄ (OH)	170202	Prospect Park Quarry, Paterson, NJ	Howard Minerals	Belsky 2000 295
Babingtonite Xls.		170118	Hamden Quarry, Westfield, Massachusetts	Howard Minerals	Department 170118
Bakerite		190304	Yermo, California		Department 190304
Barite		140014	Versailles, Missouri	Wards, W-72	Department 140014
Barite		140164	Frisington, Cumberland, England	Howard Minerals	Department 140164
Barite	BaSO ₄	140469	Shangalowe, Katanga	Wards	Siegel 124
Barite		140169	Felsobanga, Romania		Department 140169
Barite	BaSO ₄	140445	Shirley Basin, Wyoming	Howard Minerals	Belsky 2000 298
Barite		140137		Gift of Thomas R. Fusto	Department 140137
Barite	BaSO ₄	140377	Monteponi, Sardinia		Belsky Display/Collection 065
Barite		110082	Mexico	Watkins	Department 110082
Barite		140041	Park County, Colorado	Wards	Department 140041
Barite		150203	Cave-In-Rock, ILL.	S. J. Guggenheim, 1971	Department 150203
Barite		140100	Madoc, Ontario	Wards	Department 140100
Barite		150202	Cave-In-Rock, ILL.	S. J. Guggenheim, 1971	Department 150202
Barite		140267	Chaillac, Indre, France	Howard Minerals	Department 140267
Barite		140266	Shirley Basin, Carbon Co., Wyoming	Howard Minerals	Department 140266
Barite	BaSO ₄	140480	Mine Tarnobrgy, Machow, Poland	Howard Minerals	Belsky 2002 083
Barite		140049	Sterling, Colorado	Watkins	Department 140049
Barite	BaSO ₄	140243	Dreisler, Germany		Belsky Display/Collection 069
Barite		140020	Brookfield, Nova Scotia	Wards	Department 140020
Barite		140042	Missouri	Watkins	Department 140042
Barite		140240			Department 140240
Barite		140021	Madison Co., N. Carolina	Wards	Department 140021
Barite		140015	Kings Creek, S. Carolina	Wards	Department 140015
Barite		140038			Department 140038
Barite	BaSO ₄	140428	Filsobranya, Romania	Howard Minerals	Belsky 2000 144
Barite		140022	Madoc, Ontario		Department 140022
Barite	BaSO ₄	140430	Cartegena, Spain	Howard Minerals	Belsky 2000 150
Barite	BaSO ₄	140466	Kasangulu et. Thysville, Katanga	Wards	Siegel 163
Barite		140194	France		Department 140194
Barite		140131	Washington Co., MO		Department 140131
Barite		140193	Cartersville, Georgia		Department 140193

Barite - Odell Diamonds		140161	Odell, Nebraska		Department 140161
Barite - Rose		140040			Department 140040
Barite - Rose		140053	Oklahoma	Watkins	Department 140053
Barite - Rose		140160	Oklahoma		Department 140160
Barite - Rose		140054	Oklahoma	Watkins	Department 140054
Barite & Sulfur	BaSO4	140434	Tarnobrzeg, Poland	Howard Minerals	Belsky 2000 181
Barite (Blue)	BaSO4	140513	Mine La Union Cartigena, Spain	Howard Minerals	Belsky 2004 062
Barite (Blue)	BaSO4	140484	Felsobanya, Romania	Howard Minerals	Belsky 2002 087
Barite (Blue)	BaSO4	140515	Carnic, Romania	Howard Minerals	Belsky 2004 064
Barite (Blue)	BaSO4	140514	Carnic, Romania	Howard Minerals	Belsky 2004 063
Barite (Red)	BaSO4	140485	Iroud, Morocco (?)	Howard Minerals	Belsky 2002 088
Barite (Red)	BaSO4	140486	Iroud, Morocco (?)	Howard Minerals	Belsky 2002 089
Barite (Single Xl.)		140056	Sterling, Weld Co., Colorado	Southwest Scientific Co.	Department 140056
Barite and Galena	BaSO4	140462	Manono, Katanga	Wards	Siegel 057
Barite and Sulfur	BaSO4	140481	Mine Tarnobrgy, Machow, Poland	Howard Minerals	Belsky 2002 084
Barite nodules		140113	Cuba, New Mexico	The Prospector's Shop	Department 140113
Barite on Calcite	BaSO4	140482	Butte Co., S. Dakota	Howard Minerals	Belsky 2002 085
Barite on Calcite		140293			Department 140293
Barite on Calcite	BaSO4	140516	Butte Co., South Dakota	Howard Minerals	Belsky 2004 065
Barite on Calcite		140185	Butte Co., South Dakota	Howard Minerals	Department 140185
Barite on Calcite		140283	Butte Co., South Dakota	Howard Minerals	Department 140283
Barite on Calcite		140277	Butte Co., South Dakota	Howard Minerals	Department 140277
Barite on Calcite	BaSO4	140483	Butte Co., S. Dakota	Howard Minerals	Belsky 2002 086
Barite on Calcite		140260	Butte Co., South Dakota	Howard Minerals	Department 140260
Barite w/ Drusy Qtz		140109	St. Louis, Mo.	Charles Hallford	Department 140109
Barite w/ Pyrite		140288	Dreislar, Savrland, W. Germany		Department 140288
Barite Xls.		140319	Baja Sprie, Rumania		Department 140319
Barite Xls.		140052	Sterling, Colorado	Filers	Department 140052
Barite Xls.		140197	Baia Sprie, Rumania	Howard Minerals	Department 140197
Barite Xls.	BaSO4	110317	Payrebrune, Tarn, France	Howard Minerals	Belsky 2000 052
Barite Xls., W/ Chalcopryite Xls.		140225	Dreislar, Germany	Howard Minerals	Department 140225
Barite, Calcite		140196	Elk Creek, South Dakota		Department 140196
Barite, Calcite, Fluorite		140167	Cave-in-Rock, Illinois		Department 140167
Barite, England		140405			Department 140405
Barite, Fluorite, Calcite		140176	Cave-in-rock, Illinois		Department 140176
Barkevikite		170093	San Benito, California	Wards	Department 170093

Barytocalcite		130021	Alson, Cumberland, England	Wards, W-67	Department 130021
Bastnasite	(Ce,La)(CO3)F	130572	Karonge, near Somuki, Kivu	Wards	Siegel 056
Bauxite		120066	Bauxite, Arkansas		Department 120066
Bauxite		120077	Bauxite, Arkansas	Wards	Department 120077
Benitoite		160021	San Bernardino, California		Department 160021
Bentonite		160041		Filers	Department 160041
Beryl		180184			Department 180184
Beryl		180056	Haywood Co., North Carolina	Wards	Department 180056
Beryl		180092	New Hampshire	Gift of P. Winans 1968	Department 180092
Beryl		180116	Conn.		Department 180116
Beryl		180197	Brazil		Department 180197
Beryl		180002	Fremont County, Colorado	Wards	Department 180002
Beryl		180016	Freemont Co., Colorado	Wards	Department 180016
Beryl		180017	West Rumney, New Hampshire		Department 180017
Beryl		180148			Department 180148
Beryl		180106	Bengis Mine, NH	Crane Collection	Department 180106
Beryl	Be3Al2Si6O18	180146	Bumpus Mine, Bethel, Maine		Belsky Display/Collection 083
Beryl		180098	Portland, Conn.	Gift of Thomas R. Fusto	Department 180098
Beryl		180001	Afghanistan	Wards, W-105	Department 180001
Beryl		180045	Custer, South Dakota	Watkins	Department 180045
Beryl		180023	Palermo Mine, New Hampshire	R.T. Dodd, 1966	Department 180023
Beryl		180047	Custer, South Dakota	Watkins	Department 180047
Beryl		180165	Minas Gerais, Brazil		Department 180165
Beryl		180168			Department 180168
Beryl		180044	Custer, South Dakota	Watkins	Department 180044
Beryl		180169			Department 180169
Beryl Crystals		180028	Ankazobe, Mdagascar	Filers	Department 180028
Beryl in Feldspar		180067	Wakefield, New Hampshire	Wards	Department 180067
Beryl var. Aquamarine		180089	Maine	Wards	Department 180089
Beryl var. Aquamarine		180117	M-G Brazil		Department 180117
Biotite		160047	Harbisan Collection		Department 160047
Biotite		160077	Verona, Ontario	Watkins	Department 160077
Biotite		160010	Bancroft, Ontario	Wards	Department 160010
Biotite		160113	Franklin, NJ	Gift of Thomas R. Fusto	Department 160113
Biotite Albite w/ Garnet		150131	North Carolina	Watkins	Department 150131

Biotite in Pegmatite		160071	Bear Mt., NY		Department 160071
Bismuth	Bi	100090	Unknown		Belsky Display/Collection 042
Bismuth & Cobalt	Bi	100067	Ontario, Canada		Department 100067
Bismuth (labeled Wismut)		100085	Unknown		Department 100085
Bismuth (native)	Bi	100106	Kamituga, (MQL), Kivu	Wards	Siegel 127
Bismuth (Processed)	Bi	100108	Mierges Mine, Kigali, Rwanda	Wards	Siegel 117
Bismuthinite		110238	Victoria M., Elko Co. Nevada		Department 110238
Bismuthinite		110120	Elko, Nevada	S. J. Guggenheim - 1971	Department 110120
Bitumen Mineral Pitch		100045	Stauton Harold, Near Ashby de la Zouche, Leicaster	Wards	Department 100045
Bixbyite		120230	Topaz Mt., Utah		Department 120230
Black Emery		120101	Di Rubbro Emery Quarry, Calgbaugh Pond Rd., near P	C.F. Buddenhagen	Department 120101
Black Manganese	Mg	100013	none given	unknown	Department 100013
Black Tourmaline		180018	Bautista Canyon, Riverside Co., California		Department 180018
Bladed Hematite		120272	Elba, Italy		Department 120272
Bleb Goethite		120177	Crosby, Minnesota	Mackinan Geological Supply	Department 120177
Bloedite		140118	Estancia, New Mexico	The Prospector's Shop	Department 140118
Bloodstone		150136	India	Watkins	Department 150136
Blue Barite (irradiated?)	BaSO4	140433	Carnic, Romania	Howard Minerals	Belsky 2000 176
Blue Beryl	Be3Al2Si6O18	180209	Kabumlia, Katanga	Wards	Siegel 179
Blue Chalcedony		150178	Kalahari Desert	Wards	Department 150178
Blue Lace Agate Cabochon	SiO2	150211	Mexico		Belsky Display/Collection 075
Blue Quartz		150096	Brazil	ESS Society	Department 150096
Boleite	Pb26Ag10Cu(+2)24Cl62(OH)48-3H2O	120372	Mina Amelia, Santa Rosalia, Near Boleo,Baja Cal.Mx	Howard Minerals	Belsky 2002 028
Boleite		130288	Mina Amelia, Santa Rosalia, near Boleo, Baja Calif	Howard Minerals	Department 130288
Boleite	Pb26Ag10Cu(+2)24Cl62(OH)48-3H2O	130511	Mina Amelia, Santa Rosalia, near boleio, Baja Calif	Howard Minerals	Belsky 2000 160
Borax		120114	California	Colorado Geological Industries	Department 120114
Borax		130155	Boron, Kern Co., California	Wards	Department 130155
Bornite		110062	Butte, Montana	Watkins	Department 110062
Bornite		110051			Department 110051

Bornite W/ Pyrite		110002	Superior, Arizona	Wards, w-9	Department 110002
Bornite w/Chalcopyrite		110042	Butte, Montana	Wards	Department 110042
Bornite with Sulfides	Cu5FeS4	110357	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 002
Boulangerite	Pb5Sb4S11	110391	Naica, Chihuahua, Mexico	Howard Minerals	Belsky 2004 017
Boulangerite w/ Pyrite and Arsenopyrite		110261	Naica, Chihuahua, Mexico	Howard Minerals	Department 110261
Boulangrite		110135	Jettymine, Anaconda, Mont.		Department 110135
Bournonite with Sphalerite		110143	Stari Trg Mine, Trepca, Ser bia, Yugoslavia	Howard Minerals	Department 110143
Bournonite Xls. With Siderite Xls.		110211	Servoz, Piemonte, Italy	Howard Minerals	Department 110211
Braunite in Calcite		120012	Langban, Sweden	Wards, W -34	Department 120012
Brochantite	Cu(+2)4(SO4)(OH)6	140489	Metcalf, M. Morenci, Arizona	Howard Minerals	Belsky 2002 092
Brochantite	Cu(+2)4(SO4)(OH)6	140474	Likasi Mine, Jadotville	Wards	Siegel 109
Bromargyrite w/ Malachite		130158	Defense Mine, Minietta District, Inyo Co., Califor	Minerals Unlimited	Department 130158
Brookite		120112	Magnet Cave, Arkansas	Schorman's Minerals	Department 120112
Brookite	TiO2	120261	Magnet Cove, Arkansas		Belsky Display/Collection 051
Brookite		120293	Magnet, Cove., Arkansas		Department 120293
Brookite		120241	Magnet Cove, Arkansas	Howard Minerals	Department 120241
Brookite		120228	Magnet Cave, Arkansas		Department 120228
Brookite	TiO2	120386	Magnet Cove, Arkansas	Howard Minerals	Belsky 2004 028
Brookite		120255	Magnet Cove, Arkansas		Department 120255
Brookite & Anatase		120275	Monte Bregaccio, Liguria, Italy	Howard Minerals	Department 120275
Brucite		120017	Lodi, Nevada	Wards W-39	Department 120017
Brucite		120075	Lodi, Nevada	Wards	Department 120075
Brucite		120132	Nevada	Wards	Department 120132
Brucite		120049	Lodi, Nevada	Wards	Department 120049
Brucite	Mg(OH)2	120374	Basic Refractories Mine, Gabbs Nevada	Howard Minerals	Belsky 2002 030
Brushite s/ Calcioferrite		140338	Brugues, Barcelona, Spain	Howard Minerals	Department 140338
Byssolite	Ca2(Mg,Fe(+2))5Si8O22(OH)2	170207	Centerville, Virginia	Howard Minerals	Belsky Display/Collection 091
Byssolite var. Tremolite	Ca2(Mg,Fe(+2))5Si8O22(OH)2	170206	Centerville, Virginia	Howard Minerals	Belsky 2004 134
Byssolite var. Tremolite	Ca2(Mg,Fe(+2))5Si8O22(OH)2	170208	Centerville, Virginia	Howard Minerals	Belsky Display/Collection 109
Cacoxenite		140413	Grube Erloschene, Rotlaufchen, Waldgrimes, W.Germa	Howard Minerals	Department 140413
Cacoxenite		140402	Arkansas		Department 140402

Cacoxenite in Amethyst		140127	Africa	Watkins	Department 140127
Cafarsite	Ca ₈ (Ti, Fe ²⁺ , Fe ³⁺ , Mn) ₆₋₇ (As ₃ +O ₃) ₁₂ -4H ₂ O	140512	Monte Cervandone, Val d'Ossola, Italy	Howard Minerals	Belsky 2002 114
Calcite	CaCO ₃	130600	Mexico	Howard Minerals	Belsky 2002 035
Calcite		130058			Department 130058
Calcite	CaCO ₃	130481	Sweetwater Mine, Missouri		Belsky Display/Collection 055
Calcite	CaCO ₃	130601	Mexico	Howard Minerals	Belsky 2002 036
Calcite	CaCO ₃	130599	Chihuahua, Mexico	Howard Minerals	Belsky 2002 034
Calcite		130063			Department 130063
Calcite		130479			Department 130479
Calcite	CaCO ₃	130652	Guanyou,China	Howard Minerals	Belsky 2004 043
Calcite		130085	Langban, Sweden	Wards	Department 130085
Calcite		130060			Department 130060
Calcite		130317	Hoxie, Arkansas		Department 130317
Calcite		130330	Keokwik, Iowa		Department 130330
Calcite	CaCO ₃	130450	Mexico		Belsky Display/Collection 053
Calcite		130420	Chihuahua, Mexico	Howard Minerals	Department 130420
Calcite	CaCO ₃	130658	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2004 049
Calcite		130303	Mapimi, Durango, Mexico		Department 130303
Calcite		130304	Lockport, NY		Department 130304
Calcite		130334			Department 130334
Calcite		130422	Carter Co., Montana	Howard Minerals	Department 130422
Calcite	CaCO ₃	130657	Zacatecas, Mexico	Howard Minerals	Belsky 2004 048
Calcite		130295			Department 130295
Calcite		130324	Santa Eulalia, Chihuahua, Mexico		Department 130324
Calcite		130445	Chihuahua, Mexico	Howard Minerals	Department 130445
Calcite		130322	Mexico		Department 130322
Calcite		130436	Elk Creek, South Dakota		Department 130436
Calcite		130296	San Luis, Potosi, Mexico		Department 130296
Calcite		130306	Mexico		Department 130306
Calcite		130008	Cherokee Co., Kansas	Wards	Department 130008
Calcite		130047	Calcite geode size of a cave right across Rio Gran		Department 130047
Calcite		130045	Intrusion in Uplifted area 10 miles south of S. Sa	G. Tannenbaum	Department 130045
Calcite	CaCO ₃	130598	Chihuahua, Mexico	Howard Minerals	Belsky 2002 033

Calcite		130028	Crestmore, California	Wards	Department 130028
Calcite	CaCO3	130557		Howard Minerals	Belsky 2000 285
Calcite		130370	Carter Co., Montana	Howard Minerals	Department 130370
Calcite		130332	Locality Unknown		Department 130332
Calcite		130010	Travertine, Tivoli, Italy	Wards W-57	Department 130010
Calcite		130410	Santa Eulalia, Chihuahua, Mexico		Department 130410
Calcite		130327	South Dakota		Department 130327
Calcite	CaCO3	130656	Zacatecas, Mexico	Howard Minerals	Belsky 2004 047
Calcite		130284	Tri-State-District (Kansas-Missouri-Oklahoma)	Howard Minerals	Department 130284
Calcite		130007	Baxter Springs, Kansas	Wards, W-55	Department 130007
Calcite		130006	N. Vernon, Indiana	Wards, W-54	Department 130006
Calcite		130275	Paterson, NJ		Department 130275
Calcite		130053	Scalenohedron, Robinson Mine, Treece, Kansas	Filers	Department 130053
Calcite		130409	Charcas, San Luis, Potosi, Mexico		Department 130409
Calcite	CaCO3	130223	Camp Verde, Arizona		Belsky Display/Collection 062
Calcite		130111	On Route 5 below Palisades Amusement Park, Palisad	C.F. Buddenhagen	Department 130111
Calcite		130360	Chihuahua, Mexico	Howard Minerals	Department 130360
Calcite		130134	Desine Mine, Pilgrims Rest, Transvaal, South Afric	Wards	Department 130134
Calcite		130185	Minerva Mine, Cave-in-rock, Ill.	S.J. Guggenheim	Department 130185
Calcite		130139	Picher, Oklahoma	Wards	Department 130139
Calcite	CaCO3	130603	Chihuahua, Mexico	Howard Minerals	Belsky 2002 038
Calcite		130141	Chimney Rock, New Jersey	Wards	Department 130141
Calcite		130145	Cumberland	Wards	Department 130145
Calcite		130147		Wards	Department 130147
Calcite		130148	Woodchuck Mine, Cardin, Ottawa County, Oklahoma	Wards	Department 130148
Calcite		130343	Chihuahua, Mexico	Howard Minerals	Department 130343
Calcite		130224	Carter City, Montana		Department 130224
Calcite		130232	Lockport, NY		Department 130232
Calcite		130179	Franklin, NJ	Gift of Thomas R. Fusto	Department 130179
Calcite	CaCO3	130221	Naica, Mexico		Belsky Display/Collection 063
Calcite		130187	Pugh Quarry, Weston Ohio	S.J. Guggenheim	Department 130187

Calcite		130188	Pugh Quarry, Weston Ohio	S.J. Guggenheim	Department 130188
Calcite		130189	Pugh Quarry, Weston Ohio	S.J. Guggenheim	Department 130189
Calcite	CaCO3	130214	Chihuahua, Mexico	Howard Minerals	Belsky Display/Collection 058
Calcite		130354	Carter Co., Montana	Howard Minerals	Department 130354
Calcite		130197	Minerva Mine, Cave-in-rock, Ill	B.E. Clements	Department 130197
Calcite		130198	Minerva Mine, Cave-in-Rock, Ill	B.E. Clements	Department 130198
Calcite		130207	Minerva Mine, Cave-In-Rock, Ill	B.E. Clements	Department 130207
Calcite		130153	Alston Moor, Cumberland England	Wards	Department 130153
Calcite	CaCO3	130651	Zacatecas, Mexico	Howard Minerals	Belsky 2004 042
Calcite		130488	Mapimi, Durango, Mexico		Department 130488
Calcite		130495			Department 130495
Calcite		130108	Taken Along Vertical Cracks in Palisades Diabase,	C.F. Buddenhagen, 1967	Department 130108
Calcite		130369	Carter Co., Montana	Howard Minerals	Department 130369
Calcite		130248			Department 130248
Calcite	CaCO3	130649	Zacatecas, Mexico	Howard Minerals	Belsky 2004 040
Calcite		130107	Rossie, NY	Wards	Department 130107
Calcite		130411			Department 130411
Calcite		130256	Missouri		Department 130256
Calcite & Sphalerite	CaCO3	130602	Naica, Chihuahua, Mexico	Howard Minerals	Belsky 2002 037
Calcite & Sphalerite		130211	Joplin, MO.		Department 130211
Calcite (?dolomite)		110053	Not sphalerite (as labeled)		Department 110053
Calcite (Dogtooth)	CaCO3	130655	Mexico	Howard Minerals	Belsky 2004 046
Calcite (geode)		130020	Mt., Vernon, Iowa	Gift of Karl D. Hatzell, 1955	Department 130020
Calcite (Golden Pearl Spar)		130276			Department 130276
Calcite (Green)	CaCO3	130653	Mexico	Howard Minerals	Belsky 2004 044
Calcite and ?		130471	Zacatecas, Mexico	Howard Minerals	Department 130471
Calcite and Dolomite		130425	Lockport, NY		Department 130425
Calcite and Galena		130385			Department 130385
Calcite and laumontite		130328	Prospect Pk. Q., Patterson, NJ		Department 130328
Calcite and Willemite		130176	Franklin, NJ	Gift of Thomas R. Fusto	Department 130176
Calcite Crystals		130105		Harbison Collection	Department 130105
Calcite deposit		130048	Between Monterey and Sattillo, Mexico		Department 130048
Calcite druse on Fracture in Limestone		130056	Near Kingston, NY	R.T. Dodd	Department 130056
Calcite Egg	CaCO3	130507		Howard Minerals	Belsky 2000 146

Calcite Egg (yellow)	CaCO3	130501	Brazil	Howard Minerals	Belsky 2000 067
Calcite Geode		130096		The Fluorite Shop	Department 130096
Calcite Geodes		130310	Near Douglas, Butler Co., Kansas	Kiser Collection	Department 130310
Calcite in Courtland Emery		130113	Di Rubbro Emery Quarry, Calgbaugh Pond Rd., near P	C.F. Buddenhagen, 1967	Department 130113
Calcite in Courtland Emery		130112	Di Rubbro Emery Quarry, Calgbaugh Pond Rd., near P	C.F. Buddenhagen	Department 130112
Calcite Marble		130009	W. Rutland, Vermont	Wards, W-56	Department 130009
Calcite on ?	CaCO3	130228			Belsky Display/Collection 028
Calcite on Fluorite		130062			Department 130062
Calcite on Pyrite		130391	Picher, Oklahoma		Department 130391
Calcite on Quartz		130260	Alston Moor, Cumberland, England	Howard Minerals	Department 130260
Calcite Pseudo. After Glauberite		130371	Camp Verde, Arizona	Howard Minerals	Department 130371
Calcite pseudo. After Glauberite		130347	Camp Verde, Arizona	Howard Minerals	Department 130347
Calcite sand Crystals		130086	S. Dakota	Watkins	Department 130086
Calcite Sand Xls.		130398			Department 130398
Calcite var. Chalk		130034	Dover, England	Wards	Department 130034
Calcite var. Dogtooth Spar.		130109	Mexico	ESS Soc., Baltimore Gem and Mineral Show, 1967	Department 130109
Calcite var. Iceland Spar		130027	Chihuahua, Mexico		Department 130027
Calcite var. Iceland Spar.		130136	Chihuahua, Mexico	Wards	Department 130136
Calcite var. Travertine		130044	Mumford, NY	Wards	Department 130044
Calcite w/ Barite		130449	Butte Co., South Dakota	Howard Minerals	Department 130449
Calcite w/ Galena	CaCO3	110328	Stari Trg,. Trepca, Serbia, Yugoslavia	Howard Minerals	Belsky 2000 173
Calcite w/ Iceland Spar		130065	Chihuahua, Mexico	Wards	Department 130065
Calcite Xls.		130117	Bowling Creek, Ohio	Watkins	Department 130117
Calcite Xls.		130280	Paterson, NJ		Department 130280
Calcite Xls.		130057	Wheatly Mine, Chester County, Pennsylvania	Harbisan Collection	Department 130057
Calcite, Angel wing		130110	Mexico	ESS Soc., Baltimore Gem and Mineral Show, 1967	Department 130110
Calcite, Chrsyacolla	CaCO3	130650	Zacatecas, Mexico	Howard Minerals	Belsky 2004 041
Calcite, Magnetite, Chalcopyrite		130240	French Creek, Pennsylvania		Department 130240
Calcite, Sphalerite, and Galena		130456	Tsumeb, S.W.Africa		Department 130456
Calcite, tufa		130115	Hot Springs, Arkansas	Watkins	Department 130115
Calcite,Green	CaCO3	130509	Mexico	Howard Minerals	Belsky 2000 153

Calcite-cleavage, Galena		130118	Kansas	Watkins	Department 130118
Calcite-Travertine		130120	Utah	Watkins	Department 130120
Calcite-travertine		130119	Colorado	Watkins	Department 130119
Caledonite		140417	Chance Mine, Chidago Canyon, Mono Co., California	Howard Minerals	Department 140417
Caledonite and Cerussite		140370	Anarak, Dacht-e-kevit, Persia	Frazier's Minerals	Department 140370
Cancrinite	Na6Ca2Al6Si6O24(CO3)2	150466	Lueshe, N. Kivu	Wards	Siegel 079
Cancrinite in Sodalite		150133	Bancroft, Ontario	Watkins	Department 150133
Cancrinite in Syenite		150029	Litchfield, Maine	Wards	Department 150029
Cancrinite in Syenite		150036	Litchfield, Maine	Wards	Department 150036
Carbonatite (Rock)	CaCO3	130578	Lueshe, N. Kivu	Wards	Siegel 131
Carlsbad Twin		150194		Gift A.T. Bence 1969	Department 150194
Carlsbad Twins		150196	Goodsprings, Nevada	Filers	Department 150196
Carminite		140412	Mina San Felix, Carborca, Mexico	Howard Minerals	Department 140412
Carnallite		130004	Suria, Spain	Wards, W-52	Department 130004
Carnallite		130190	Moab, Utah	S.J. Guggenheim	Department 130190
Carnotite		140024	Utah		Department 140024
Carnotite in Sand Stone		140088		Colorado Geological Industries	Department 140088
Carnotite in Sandstone		140080	Rattlesnake Hill, San Juan Co., Utah	Minerals Unlimited	Department 140080
Carnotite in Siltstone		140062	Edgemont, S. Dakota	Watkins	Department 140062
Carnotite, High Grade		140091		Colorado Geological Industries	Department 140091
Carnotite, high Grade		140107	Colorado	Wards	Department 140107
Carnotite, Low Grade		140089		Colorado Geological Industries	Department 140089
Carnotite, Med Grade		140090		Colorado Geological Industries	Department 140090
Carrollite	Cu(Co, Ni)2S4	110257	Musonoi Mine, Kolwezi, Katanga	Wards	Siegel 054
Carrollite	Cu(Co, Ni)2S4	110362	Shinkolobwe Mine, Katanga	Wards	Siegel 053
Cassiterite		120203	Huanuni, Bolivia		Department 120203
Cassiterite		120243	Panasqueira, Portugal		Department 120243
Cassiterite		120014	Taylor Creek District	Wards	Department 120014
Cassiterite	SnO2	120351	Nzombe, MQL, Katanga	Wards	Siegel 144
Cassiterite	SnO2	120319	Kalina, Ruanda Urundi	Wards	Siegel 097
Cassiterite		120115		Colorado Geological Industries	Department 120115
Cassiterite		120290	Wamba, Nigeria		Department 120290
Cassiterite	SnO2	120359	Kalina, Katanga	Wards	Siegel 118
Cassiterite	SnO2	120363	Lulingu, Kivu	Wards	Siegel 119
Cassiterite	SnO2	120350	Kanage Mine, Ruanda Urundi	Wards	Siegel 122

Cassiterite	SnO2	120353	Makalapongo, Katanga	Wards	Siegel 126
Cassiterite		120247	Panasqueria, Portugal		Department 120247
Cassiterite	SnO2	120321	Mitwaba, Katanga	Wards	Siegel 101
Cassiterite	SnO2	120338	Manono, Katanga	Wards	Siegel 058
Cassiterite		120294	Abuja, Nigeria		Department 120294
Cassiterite		120270	Panasqueira (Barroca Grande), Beira Baixa, Portuga	Howard Minerals	Department 120270
Cassiterite		120274	Zinnwald, Bohemia, Czech		Department 120274
Cassiterite		120295	Zinnwald, Bohemia, Czech.		Department 120295
Cassiterite		120204	Zinnwald, USSR		Department 120204
Cassiterite		120205	Huanuni, Bolivia		Department 120205
Cassiterite and Spodumene	SnO2	120325	Manono, Katanga	Wards	Siegel 059
Cassiterite in Greisen	SnO2	120318	Manono, Katanga	Wards	Siegel 062
Cassiterite in Kaolinite	SnO2	120349	Nemba, Bugesesa, Ruanda, Urundi	Wards	Siegel 141
Cassiterite in Schist	SnO2	120324	MQL, Kamituga, Kivu	Wards	Siegel 089
Cassiterite twin xl.	SnO2	120352	Lulingu, Kivu	Wards	Siegel 128
Cassiterite w/ Qtz. And Fluorite		120189	Probably from around St. Michael's Cross, Cornwall	Howard Minerals	Department 120189
Cassiterite Xls. W/ Qtz. And Tourmaline		120240	Imperial Goonbarrow, Bugle, Cornwall, England	Howard Minerals	Department 120240
Cassiterite Xls. W/ Qtz. And Tourmaline		120276	Imperial Goonbarrow, Perranzaboule, Cornwall, Engl	Howard Minerals	Department 120276
Catapellite		180198	Mt. St. Hilaire, Quebec, Canada		Department 180198
Celestite		140047	Torreon, Coahuila, Mexico	Wards	Department 140047
Celestite		140025	Near Chittenango Falls, NY	Wards	Department 140025
Celestite		140384	Lengenbach Q., Binn, Switzerland		Department 140384
Celestite		140184	Kingston, Canada		Department 140184
Celestite		140065	California	Watkins	Department 140065
Celestite		140171	Agrigento, Sicily, Italy		Department 140171
Celestite		140309	Maybe Michigan		Department 140309
Celestite		140173	Machov, Poland		Department 140173
Celestite		140064	Mexico	Watkins	Department 140064
Celestite		140166	Agrigento, Sicily, Italy		Department 140166
Celestite		140029	Torreon Coahuila, Mexico		Department 140029
Celestite		140063	Clay Center, Ohio	Watkins	Department 140063
Celestite		140095	Clay Center, Ohio	Wards	Department 140095

Celestite		140360	Portale, Ohio		Department 140360
Celestite		130029	Torreon, Coahuila, Mexico	Wards	Department 130029
Celestite		140326	Cumberland, England		Department 140326
Celestite		140001	Clay Center, Ohio	Wards	Department 140001
Celestite		140002	Chittenango Falls, NY	Wards, W-73	Department 140002
Celestite (red)		140415	Kansas		Department 140415
Celestite Xls.		140192	Agrigento, Sicily, Italy		Department 140192
Celestite Xls.	SrSO4	130503	Agrigento, Sicily, Italy	Howard Minerals	Belsky 2000 078
Celestite, Sulfur		140254	Agrigento, Sicily, Italy		Department 140254
Cerussite		130378	Tsumeb, S.W.Africa		Department 130378
Cerussite		130424			Department 130424
Cerussite		130142	Location Unknown	Wards	Department 130142
Cerussite		130055		Wards Luster Collection	Department 130055
Cerussite	PbCO3	130580	Kengere, Katanga	Wards	Siegel 121
Cerussite	PbCO3	130383	Tsumeb, Namibia		Belsky Display/Collection 059
Cerussite		130265	Tsumeb, Namibia		Department 130265
Cerussite		130305	Tsumeb, S.W.Africa		Department 130305
Cerussite	PbCO3	130633	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 072
Cerussite		130307	Tiger, Arizona		Department 130307
Cerussite		130374	Tsumeb S.W.Africa		Department 130374
Cerussite		130497	Mammoth Mine, Arizona		Department 130497
Cerussite		130245	Tsumeb, Namibia		Department 130245
Cerussite		130487	Tsumeb, S.W.Africa		Department 130487
Cerussite		130444	Tsumeb, S.W.Africa	Howard Minerals	Department 130444
Cerussite	PbCO3	130504	Tsumeb, Namibia	Howard Minerals	Belsky 2000 081
Cerussite		130440	Tsumeb, S.W.Africa		Department 130440
Cerussite	PbCO3	130632	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 071
Cerussite		130461	Mibladen, Morocco		Department 130461
Cerussite		130458	Tsumeb, S.W.Africa		Department 130458
Cerussite		130363	Tsumeb, S.W.Africa		Department 130363
Cerussite		130234	Tsumeb, Namibia		Department 130234
Cerussite		130036	Maricupa Co., Arizona	Wards	Department 130036
Cerussite		130418	Tsumeb, S.W.Africa		Department 130418
Cerussite		130397	Tsumeb, Namibia		Department 130397
Cerussite	PbCO3	130573	Kengere, Katanga	Wards	Siegel 037

Cerussite		130300	Tsumeb, S.W.Africa		Department 130300
Cerussite		130283	Tsumeb, Namibia		Department 130283
Cerussite		130249	Tsumeb, S.W.Africa	Howard Minerals	Department 130249
Cerussite (Mimetite, Jarosite, and Dufftite)		130482			Department 130482
Cerussite and Quartz		130318	Tsumeb, Namibia		Department 130318
Cerussite Etched Xl.		130457	Tsumeb, S.W Africa		Department 130457
Cerussite Reticulated		130455	Tsumeb, S.W.Africa		Department 130455
Cerussite with Mottramite	PbCO3	130634	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 073
Cerussite Xls.		130406	Tsumeb, S.W.Africa	Howard Minerals	Department 130406
Cerussite Xls.		130417	Tsumeb, S.W.Africa	Howard Minerals	Department 130417
Cerussite Xls.		130320	Tsumeb, S.W.Africa	Howard Minerals	Department 130320
Chabazite		150242	Kibbienhouse Quarry		Department 150242
Chabazite		150247	Chetaibi, Algeria	Howard Minerals	Department 150247
Chabazite		150302	Switzerland		Department 150302
Chabazite		150026	Chasm Creek, British Columbia	Wards, W-149	Department 150026
Chalcedony		150165	Faeroe Islands	Wards	Department 150165
Chalcedony		150129	Mexico	Watkins	Department 150129
Chalcedony, rose		150128	Mexico	Watkins	Department 150128
Chalcocite		110041	New Cornelius Mine, Ajo, Pima County, Arizona		Department 110041
Chalcocite		110259			Department 110259
Chalcocite		110034	Butte, Montana	Wards	Department 110034
Chalcocite		110059	Butte, Montana	Watkins	Department 110059
Chalcocite		110110	Harvey, Michigan	Mackinan Geological Supply	Department 110110
Chalcocite	Cu2S	110361	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 006
Chalcocite		110001	Butte, Montana	Wards W-8	Department 110001
Chalcocite and Malachite	Cu2S	110353	Shangalowe, Katanga	Wards	Siegel 130
Chalcopyrite		110005	Rouyn District, Quebec, Canada	Wards W-12	Department 110005
Chalcopyrite	CuFeS2	110282	Mexico	Howard Minerals	Belsky 2000 010
Chalcopyrite	CuFeS2	110279	Mexico	Howard Minerals	Belsky 2000 007
Chalcopyrite		110063	Arizona	Watkins	Department 110063
Chalcopyrite	CuFeS2	110281	Mexico	Howard Minerals	Belsky 2000 009
Chalcopyrite	CuFeS2	110280	Mexico	Howard Minerals	Belsky 2000 008
Chalcopyrite	CuFeS2	110273	Mexico	Howard Minerals	Belsky 2000 001
Chalcopyrite		110232	Charcas, San Luis, Potosi, Mexico		Department 110232
Chalcopyrite	CuFeS2	110286	Mexico	Howard Minerals	Belsky 2000 014

Chalcopyrite	CuFeS2	110294	Mexico	Howard Minerals	Belsky 2000 022
Chalcopyrite		110213	French Creek, Pennsylvania		Department 110213
Chalcopyrite	CuFeS2	110285	Mexico	Howard Minerals	Belsky 2000 013
Chalcopyrite	CuFeS2	110274	Mexico	Howard Minerals	Belsky 2000 002
Chalcopyrite	CuFeS2	110293	Mexico	Howard Minerals	Belsky 2000 021
Chalcopyrite	CuFeS2	110278	Mexico	Howard Minerals	Belsky 2000 006
Chalcopyrite	CuFeS2	110296	Mexico	Howard Minerals	Belsky 2000 024
Chalcopyrite		110196			Department 110196
Chalcopyrite	CuFeS2	110292	Mexico	Howard Minerals	Belsky 2000 020
Chalcopyrite	CuFeS2	110291	Mexico	Howard Minerals	Belsky 2000 019
Chalcopyrite		110241	French Creek, Pa		Department 110241
Chalcopyrite	CuFeS2	110290	Mexico	Howard Minerals	Belsky 2000 018
Chalcopyrite	CuFeS2	110295	Mexico	Howard Minerals	Belsky 2000 023
Chalcopyrite	CuFeS2	110297	Mexico	Howard Minerals	Belsky 2000 025
Chalcopyrite	CuFeS2	110298	Mexico	Howard Minerals	Belsky 2000 026
Chalcopyrite	CuFeS2	110284	Mexico	Howard Minerals	Belsky 2000 012
Chalcopyrite	CuFeS2	110287	Mexico	Howard Minerals	Belsky 2000 015
Chalcopyrite	CuFeS2	110299	Mexico	Howard Minerals	Belsky 2000 027
Chalcopyrite	CuFeS2	110275	Mexico	Howard Minerals	Belsky 2000 003
Chalcopyrite	CuFeS2	110358	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 003
Chalcopyrite	CuFeS2	110289	Mexico	Howard Minerals	Belsky 2000 017
Chalcopyrite		110087	Horseflesh Ore, san Rafael, Cerro Muriano, spain	Wards	Department 110087
Chalcopyrite	CuFeS2	110288	Mexico	Howard Minerals	Belsky 2000 016
Chalcopyrite	CuFeS2	110276	Mexico	Howard Minerals	Belsky 2000 004
Chalcopyrite	CuFeS2	110283	Mexico	Howard Minerals	Belsky 2000 011
Chalcopyrite	CuFeS2	110277	Mexico	Howard Minerals	Belsky 2000 005
Chalcopyrite and Malachite		110199	Zacatecas, Mexico		Department 110199
Chalcopyrite and some Pyrite (Au Rich)	CuFeS2	110349	Mutotolwa, Katanga	Wards	Siegel 067
Chalcopyrite in Garnet		110073	New Mexico	Watkins	Department 110073
Chalcopyrite in vein		110028	Ore Knob, NC	Gift of R.T.Dodd - 1960	Department 110028
Chalcopyrite on Dolomite		110100	Near Baxter Springs, Kansas	Wards	Department 110100
Chalcopyrite on Dolomite		110043	New Baxter Springs, Kansas	Wards	Department 110043
Chalcopyrite on Dolomite		110225	Joplin, Mo		Department 110225
Chalcopyrite on Dolomite		110115	Jopline, Mo.	Watkins	Department 110115
Chalcopyrite w/Marble		110067	Alabama	The Flourite Shop	Department 110067

Chalcopyrite w/pyrite		110027	Ore Knob, NC	Gift of R.T.Dodd - 1960	Department 110027
Chalcopyrite, Iron, Pyrite, Byssolite Xls.		110237	French Creek, Pa		Department 110237
Chalk		130024	Dover Cliffs, England	Wards, W-58	Department 130024
Chalk		130051	Oktibbeha Co., Miss.	Wards, W-67	Department 130051
Chalk (calcite)		130123	Dallas, Texas	Watkins	Department 130123
Chamosite		160105	Daingerfield, Morris Co., Texas	Southwest Minerals Supply	Department 160105
Chlorargyrite		130384	Broken Hill, S.W.Australia		Department 130384
Chlorite		160022	North Bay, Ontario		Department 160022
Chlorite		160015	Cotopaxi, Colorado	Wards	Department 160015
Chlorite		160014	Ishpeming, Michigan	Wards	Department 160014
Chlorite		160082	Llano Co., Texas	Watkins	Department 160082
Chlorite		160109	Betty Mine, Guffey Park Co., Colorado	Southwest Mineral Supply	Department 160109
Chlorite (w/ Malachite and Qtz)		160068	Near Braddock Heights, on US 40, Frederick Co., Ma	C.F. Buddenhagen	Department 160068
Chlorite and Serpentine		160069	Greenstone Metabasalt (Catoctin Metabasalt), Preca	C.F. Buddenhagen	Department 160069
Chlorite, Quartz, w/Epidote		150386			Department 150386
Chloritic Quartz		160118	POW Island, Alaska	The Crystal Pocket of Alaska	Department 160118
Chloritic Quartz		160121	POW Island, Alaska		Department 160121
Chloritized Garnets		190212	Wyoming	Exolite Corp.	Department 190212
Chloritized Staurolite		190023	Virginia		Department 190023
Chloritoid (in Schist)		160116	Dutches Co., NY	A.E. Bence (gift)	Department 160116
Chloritoid (Ottrelite in Schist)		160023	Leeds, Quebec	Wards	Department 160023
Chloritoid (Ottrelite in Schist)		160016	Leeds, Quebec	Wards	Department 160016
Chondrodite		190026	Brewster, NY	Wards	Department 190026
Chondrodite (in marble)		190022	Cardiff Township, Ontario	Wards	Department 190022
Chondrodite in marble		190207	Limecrest Quarry, Newton, NJ	C.F. Buddenhagen	Department 190207
Chondrodite in Marble		190027	Ontario	Wards	Department 190027
Christoballite		150155	California	Colorado Geological Industries	Department 150155
Chrome Tremolite		170069	Outokumpu, Finland	Wards	Department 170069
Chromite		120028	Transvaal	Wards	Department 120028
Chromite		120061	Southern Rhodesia	Wards	Department 120061
Chromite		120076	Stillwater Complex, Montana	Watkins	Department 120076
Chromite		120027	Selukwe, Southern Rhodesia	Wards	Department 120027
Chromite		120007	Nye, Montana	Wards W - 47	Department 120007

Chromite in Olivine		120186	Addie, NC		Department 120186
Chromite w/ Garnet (uvarovite)		120143	San Benito Co., California	Mineral Research	Department 120143
Chrysoberyl		120110	Minas Gerais, Brazil	Schortman's Minerals	Department 120110
Chrysoberyl		120220	Madagascar		Department 120220
Chrysoberyl		120259	Spirits Santa Mine, Brazil		Department 120259
Chrysocolla		180121	Gila Co., Arizona		Department 180121
Chrysocolla		180057	Ahmeek, Michigan	Wards	Department 180057
Chrysocolla		180012	Miami, Arizona	Wards, W-107	Department 180012
Chrysocolla		180031	Arizona	Watkins	Department 180031
Chrysocolla	(Cu(+2),Al)2H2Si2O5(OH)4-nH2O	160197	Arizona	Howard Minerals	Belsky Display/Collection 106
Chrysocolla and Malachite	(Cu(+2), Al)2H2Si2O5(OH)4-nH2O	160187	Shangalowe, Katanga	Wards	Siegel 113
Chrysolite		190189	Mezina near Bruntal, CSSR	Wards	Department 190189
Chyalcomenite		120340	Musonoi Mine, Kolwezi, Katanga	Wards	Siegel 045
Cinnabar		110095	Parshing Co., Nevada	Wards	Department 110095
Cinnabar		110009	Pike County, Ark.	Wards	Department 110009
Cinnabar		110010	Almaden, Spain	Wards	Department 110010
Cinnabar		110068	Almaden, Spain	Shortmann's Minerals	Department 110068
Cinnabar		110099	Ostobanya (Kotterback), Hungary	Wards	Department 110099
Cinnabar	HgS	110371	Won Schan Tschiang, China	Howard Minerals	Belsky 2002 011
Cinnabar		110174	Red Devil M. Sleetmute, Alaska		Department 110174
Cinnabar		110227	Horcajo Ciudad Real, Spain	Tecnicraft Lapidaries Corp.	Department 110227
Cinnabar		110268	New Idria, California		Department 110268
Cinnabar	HgS	110388	Red Devil Mine, Sleetmate Alaska	Howard Minerals	Belsky 2004 014
Cinnabar in Quartz		110083	Idaho	Vellor Comp.	Department 110083
Cinnabar Vein in Quartz		110243	Servia, Greece		Department 110243
Cinnabar Xls.	HgS	110394	Hydercahn, Morun Massif, USSR	Howard Minerals	Belsky 2000 267
Clay (calcite) Geode	CaCO3	130508	Indiana	Howard Minerals	Belsky 2000 149
Clay Ironstone		120125	South River, New Jersey	Wards	Department 120125
Cleaved Fluorite	CaF2	130500	Hardin Co., Illinois	Howard Minerals	Belsky 2000 065
Clinoclase		140202	Cornwall, England		Department 140202
Clinohumite		190028	Cotopaxi, Colorado	Wards	Department 190028
Clinoptilolite		150340	Succor Creek, Malheur Co., Oregon		Department 150340
Clinozoisite		180030	Baja, California	The Fluorite Shop	Department 180030
Clinozoisite (Fouqueite)		180019	Timmins, Ontario	Wards	Department 180019
Clinozoisite w/ Epidote		180040	Alamos, Sono ra, Mexico	Minerals Unlimited	Department 180040

Cobaltite		110155	Hakansboda, Sweden	Howard Minerals	Department 110155
Cobaltite		110159	Harkiansboda, Sweden		Department 110159
Coffinite		120147	Gavery Co., Utah	Wards	Department 120147
Colemanite		130103	Kern Co., California	Watkins	Department 130103
Colemanite		130018	Doran, California	Wards, W-70	Department 130018
Colemanite	Ca2B6O11-5H2O	130639	Bigadic, Turkey	Howard Minerals	Belsky 2000 255
Colemanite		130184	Cal.	S.J. Guggenheim	Department 130184
Collophanite		140017	Conda, Idaho	Wards, W-82	Department 140017
Columbite	Fe(+2)Nb2O6	120344	Lubilakwa Cobelmine, Lulingu, Kivu	Wards	Siegel 172
Columbite		120278	Fetta Tin M., Utah		Department 120278
Columbite	Fe(+2)Nb2O6	120360	Mitwaba, Katanga	Wards	Siegel 150
Columbite in Albite		120018	Quadville, Ontario	Wards W - 48	Department 120018
Conichalcite	CaCu(+2)(AsO4)(OH)	140422	Mapimi, Mexico	Howard Minerals	Belsky 2000 064
Conichalcite		140172	Mapimi, Durango, Mexico		Department 140172
Conichalcite		140318	Mapimi, Durango, Mexico		Department 140318
Conichalcite		140143	Table Mt. Mine, Pinal Co., Arizona	S. J. Guggenheim	Department 140143
Conichalcite (green), Calcite (clear)		140195	Mapimi, Durango, Mexico		Department 140195
Conichalcite in Calcite		140255	Guchab, S.W. Africa	Howard Minerals	Department 140255
Copalite - Bold Congo Gum		100041	Congo Free State	Wards	Department 100041
Coperiferous Shale		100052	Whitepine, Michigan	Gordon Taylor	Department 100052
Copper	Cu	100088	Unknown		Department 100088
Copper	Cu	100082	Koweonaw Peninsula, Mich		Department 100082
Copper	Cu	100059	Houghton Co. Mich.	Unknown	Department 100059
Copper	Cu	100079	Mt. Amiata, Toscana, Italy	Howard Minerals	Department 100079
Copper	Cu	100081	Koweonaw Peninsula, Michigan		Department 100081
Copper	Cu	100074	Arizona		Department 100074
Copper	Cu	100075	Grant Company, New Mexico		Department 100075
Copper	Cu	100046	Near Hancock, Michigan	Wards	Department 100046
Copper	Cu	100058	Katanga, Congo	Unknown	Department 100058
Copper	Cu	100017	Calumet, Michigan	The Fluorite Shop	Department 100017
Copper	Cu	100016	Calumet, Michigan	The Fluorite Shop	Department 100016
Copper	Cu	100012	Keweenaw Peninsula, Michigan	Wards	Department 100012
Copper	Cu	100001	Michigan	Watkins	Department 100001
Copper	Cu	100057	Unknown	Unknown	Department 100057
Copper	Cu	100025	Michigan	Earth and Space Sciences Soc.	Department 100025
Copper	Cu	100084	Unknown		Department 100084

Copper	Cu	100118	Keweenaw Peninsula, Michigan	Howard Minerals	Belsky Display/Collection 017
Copper	Cu	100007	Ahmeek, Michigan	Wards	Department 100007
Copper (Oxidized)	Cu	100117		Howard Minerals	Belsky 2004 006
Copper (Vein Copper)	Cu	100110	White Pine Mine	Howard Minerals	Belsky 2002 001
Copper in Geothite	Cu	100109	Kasekelesa, Katanga	Wards	Siegel 176
Copper in Jasper	Cu	100083	Calumet, Mich	Horn Minerals	Department 100083
Copper in Prehnite	Cu	100034	Kingston Lode, Eagle River, Upper Peninsula Michig	Vellor Comp.	Department 100034
Copper in Quartz	Cu	100107	Mindigi, Katanga	Wards	Siegel 146
Copper in Shale	Cu	100112	White Pine Mine, Houghton City Michigan	Howard Minerals	Belsky 2004 001
Copper on Calcite	Cu	100091	Tsumeb, SWA		Department 100091
Copper Rhyolite	Cu	100032	Appalachian Mts., PA	Vellor Comp.	Department 100032
Copper, Moss	Cu	100094	Mohawk Mine, Calumet, Mich		Department 100094
Copper, Native	Cu	100014	Arizona	Watkins	Department 100014
Copper, Native	Cu	100098	Houghton Co., Michigan	Howard Minerals	Belsky 2000 244
Coquimbite w/ Halootrichite, roemerite, etc.		140117	San Raphael Swell, Utah	The Prospector's Shop	Department 140117
Cordierite		180003	Harcourt Township, Ontario	Wards	Department 180003
Cordierite		180103	Mt. Tsilatlina, Madagascar	Filer's	Department 180103
Cordierite		180020	Mt. Tsilaizina, Madagascar		Department 180020
Cordierite		180021	Madagascar		Department 180021
Cordierite		180090	Guffey, Colorado	Wards	Department 180090
Cordierite (Jolite)		180115	Kragero, Norway		Department 180115
Cordierite in Phyllite		180104	Santa Monica Mts., Los Angeles Co., California	Filer's	Department 180104
Cornetite	Cu(+2)3(PO4)(SO4)(OH)6	140459	Star Mine, Lubumbashi (Elizabethville)	Wards	Siegel 028
Cornetite	Cu(+2)3(PO4)(SO4)(OH)6	140460	Star Mine, Lubumbashi (Elizabethville)	Wards	Siegel 026
Cornetite	Cu(+2)3(PO4)(SO4)(OH)6	140458	Kalabi, Katanga	Wards	Siegel 030
Cornetite in Malachite	Cu(+2)3(PO4)(SO4)(OH)6	140476	Kalabi, Katanga	Wards	Siegel 208
Cornetite in Malachite (banded)	Cu(+2)3(PO4)(SO4)(OH)6	140464	Kalabi, Katanga	Wards	Siegel 031
Corundum		120221	Arraja, Madagascar		Department 120221
Corundum		120105	Merkerstein, Tanzania	Minerals Unlimited	Department 120105
Corundum		120008	Bancroft, Ontario	Wards	Department 120008
Corundum		120029	Ontario	Wards	Department 120029
Corundum		120055	Rhodesia	Wards	Department 120055
Corundum		120057	Transvaal, Union of South Africa		Department 120057

Corundum		120060	Ontario		Department 120060
Corundum		120104	Island of Ceylon	Wards	Department 120104
Corundum		120026	Gallatin Co., Montana	Wards	Department 120026
Corundum (ruby)	Al2O3	120266	Mysore, India		Belsky Display/Collection 052
Corundum (Ruby) in Chrome Diopside		120116	Location unknown	American Gem and Minerals	Department 120116
Corundum Ruby		120195	Mysore, India		Department 120195
Corundum Ruby xl in matrix	Al2O3	120379	Mysore, India	Howard Minerals	Belsky 2004 021
Corundum Sapphire		120202	Ratnapura, Sri Lanka		Department 120202
Corundum Sapphire		120108	Ankaratra, Madagascar	Vellor Comp.	Department 120108
Corundum Sapphire	Al2O3	120373	San Antonio Canon California	Howard Minerals	Belsky 2002 029
Corundum Sapphire		120219	San Antonio, Canon, Calif		Department 120219
Corundum var. Ruby		120056	Rhodesia	Wards	Department 120056
Corundum w/ Microcline		120047	Ontario	Wards	Department 120047
Corundum, Sapphire		120123	Jemaa, Plateau Province, Nigeria West Africa	Wards	Department 120123
CorundumRuby crystal	Al2O3	120378	Mysore, India	Howard Minerals	Belsky 2004 020
Covellite	CuS	110172	Summerville, Colorado		Belsky Display/Collection 031
Covellite		110105	Butte, Montana	Wards	Department 110105
Covellite		110101	Butte Montana	Jules Fickle, 1968	Department 110101
Covellite		110029	Butte, Montana	Wards	Department 110029
Covellite in Quartz		110076	Near Braddock Heights on US 40, Frederick County,	M. Mudrey, 1967	Department 110076
Creedite		130473	Santa Eulalia, Mexico		Department 130473
Crocidolite		160024	Griqualand, West South Africa	Wards	Department 160024
Crocoite	PbCrO4	140510	Dundas, Tasmania, Australia	Howard Minerals	Belsky 2002 112
Crocoite	PbCrO4	140511	Tasmania, Australia	Howard Minerals	Belsky 2002 113
Cryolite		130039	Ivigut, Greenland		Department 130039
Cryolite		130426	Nigtut, Greenland		Department 130426
Cryolite		130005	Ivigut, Greenland	Wards, W-53	Department 130005
Cryolite		130128	Ivigut, Greenland	Southwest Scientific Corp.	Department 130128
Cryolite		130129	Ivigut, Greenland	Southwest Scientific Corp.	Department 130129
Cryolite		130475	Francon Quarry, Montreal, Quebec, Canada	Howard Minerals	Department 130475
Cryolite (altered Zircon)		190263	Texas		Department 190263
Crystalled Malachite	Cu(+2)2(CO3)(OH)2	130595	Kamoya, Katanga	Wards	Siegel 206
Crystallized Malachite	Cu(+2)2(CO3)(OH)2	130594	Kambove, Katanga	Wards	Siegel 212

Cupprodescloizite		140379	Shattuck Arizona Mine, Bisbee, Arizona		Department 140379
Cuprite		120001	Bisbee, Arizona	Wards W-28	Department 120001
Cuprite		120133	Ruda Banya, Hungary	Wards	Department 120133
Cuprite	Cu(+1)2O	120303	Moshabd, Zaire	Howard Minerals	Belsky 2000 141
Cuprite	Cu(+1)2O	120377	Cavallo, Algeria	Howard Minerals	Belsky 2000 000
Cuprite		120287	Cornwall, England		Department 120287
Cuprite		120235	Christmas, Arizona		Department 120235
Cuprite		120131	Bisbee, Arizona	Wards	Department 120131
Cuprite		120231	Bisbee, Arizona		Department 120231
Cuprite		120239	Cavallo, Algeria	Howard Minerals	Department 120239
Cuprite		120223	Tsumeb, SW Africa		Department 120223
Cuprite		120209	Bisbee, Arizona		Department 120209
Cuprite		120292	Morenci, Arizona		Department 120292
Cuprite & Copper		120291	Bisbee, Arizona		Department 120291
Cuprite on Calcite		120282	Tsumeb, SW Africa		Department 120282
Cuprite w/ Malachite		120048	Butte, Montana	Wards	Department 120048
Cuprite, Copper, Barite, Azurite	Cu(+1)2O	120395	Kapulo, Pweto	Wards	Siegel 164
Cuprite, Malachite		120229			Department 120229
Cuprite, Malachite		120214	Bisbee, Arizona		Department 120214
Curite	Pb2U(6+)5O17-4H2O	120339	Swambo, Katanga (North of Shinkolobwe)	Wards	Siegel 047
Cyanotrichite		140399	Coconino Co., Arizona		Department 140399
Cyanotrichite w/ Brochanite		140367	Coconino Co., Arizona	Howard Minerals	Department 140367
Dahllite		140105	Manhattan, Nevada	Wards	Department 140105
Damourite		160108	Williamstown, South Australia	Filers	Department 160108
Danburite		150280	Charcas, S. Luis, Potosi, Mexico		Department 150280
Danburite		150189	San Luis Potosi, Mexico	The Prospector's Shop	Department 150189
Danburite		150213	Charcas, Mexico		Department 150213
Danburite		150378	Charcas, Mexico		Department 150378
Danburite	CaB2(SiO4)2	150347	Charcas, San Luis Potosi, Mexico	Howard Minerals	Belsky Display/Collection 072
Danburite		150320	Charcas, San Luis, Potisi, Mexico		Department 150320
Danburite		150285	Charcas, San Luis, Potosi, Mexico		Department 150285
Danburite		150190	San Luis, Potosi, Mexico	The Prospector's Shop	Department 150190
Danburite		150235	Charcas, Mexico		Department 150235
Danburite		150350	Charcas, Mexico		Department 150350
Danburite Xls.,		150193		Wards	Department 150193

Datolite	Ca ₂ B ₂ Si ₂ O ₈ (OH) ₂	190311	Granby, Conn.	Howard Minerals	Belsky 2000 177
Datolite		190233	Near Centerville, Virginia		Department 190233
Datolite		190216	Clark Mine, Copper Harbor, Michigan		Department 190216
Datolite		190295	E. Granby, Conn.		Department 190295
Datolite		190029	Westfield, Mass.	Wards	Department 190029
Datolite		190021	Westfield, Mass.	Wards, W-99	Department 190021
Datolite		190245			Department 190245
Datolite		190222	Bergen Hill, NJ		Department 190222
Descloizite	PbZn(VO ₄)(OH)	140424	Berg Aukus, SW Africa	Howard Minerals	Belsky 2000 075
Descloizite		140359	Tsumeb, S.W. Africa		Department 140359
Descloizite		140297			Department 140297
Descloizite	PbZn(VO ₄)(OH)	140488	Berg Aukus Mine, Grootfontein, SW Africa	Howard Minerals	Belsky 2002 091
Descloizite		140322	Berg Aukus Mine, Grootfontein, S.W.Africa	Howard Minerals	Department 140322
Descloizite	PbZn(VO ₄)(OH)	140244	Berg Aurus, Namibia		Belsky Display/Collection 067
Descloizite	PbZn(VO ₄)(OH)	140487	Berg Aukus Mine, Grootfontein, SW Africa	Howard Minerals	Belsky 2002 090
Descloizite	PbZn(VO ₄)(OH)	140525	Berg Ankus, S. Africa	Howard Minerals	Belsky 2004 095
Descloizite		140264	Berg Aukus Mine, Grootfontein, S.W.Africa	Howard Minerals	Department 140264
Descloizite		140352	Berg Aukus Mine, Grootfontein, S.W.Africa	Howard Minerals	Department 140352
Descloizite		140178	Berg Aukus, Namibia		Department 140178
Descloizite		140303	Tsumeb, S.W.Africa		Department 140303
Descloizite	PbZn(VO ₄)(OH)	140524	Grootfontein, Berg Arkus, Nambia	Howard Minerals	Belsky 2004 094
Descloizite		140393	Berg Aukus Mine, Grootfontein, S.W.Africa	Howard Minerals	Department 140393
Descloizite on Wulfenite		140304	Tsumeb, S.W.Africa		Department 140304
Descloizite Xls.		140256	Berg Aukus Mine, Grootfontain, S.W. Africa	Howard Minerals	Department 140256
Descloizite Xls.		140335	Berg Aukus Mine, Grootfontain, S.W.Africa	Howard Minerals	Department 140335
Descloizite Xls.		140353	Chihuahua, Mexico	Howard Minerals	Department 140353
Diallage		170087	Raggedy Mtns., Roosevelt, Kiowa Co., Oklahoma	Southwest Mineral Supply	Department 170087
Diamond	C	100018	South Africa	Shortmann's Minerals	Department 100018
Diamond	C	100050	Africa	Walter E. Johansen	Department 100050
Diamond	C	100068	South Africa	Howard Minerals	Department 100068
Diamond in Kimberlite	C	100038	Location Unknown	Wards	Department 100038
Diaspore		120058	Rosebud, Missouri		Department 120058
Diaspore		120020	Rosebud, Missouri	Wards	Department 120020
Diaspore		120065	Nevada	Wards	Department 120065

Diaspore with Natrolite	AlO(OH)	120388	Saga Quarry, Tvedalen, Brunlanes, Vestfold, Norway	Howard Minerals	Belsky 2004 030
Diatomaceous earth		150030	Santa Barbara, California	Wards, W-57	Department 150030
Digenite mixed w/ Covellite		110116	Butte, Montana	Watkins	Department 110116
Diopside		170067	Ontario	Schortmann's Minerals	Department 170067
Diopside		170010	Quebec	Wards, W-109	Department 170010
Diopside		170123	Orford, Quebec		Department 170123
Diopside		170124	Storrington Twp, Ont, Canada		Department 170124
Diopside		170077	Pta Lunella, Ussaglio Valley, Piedmont, Italy	Wards	Department 170077
Diopside		170079	Cherbadune (a Peack SE of Binn Velais), Switzerlan	Wards	Department 170079
Diopside		170038			Department 170038
Diopside		170115	Brewster NY		Department 170115
Diopside var. Chrome-Diopside		170039	Near the Dallas Gain Mine, San Benite Co., Califor	Minerals Unlimited	Department 170039
Diopside, Meionite		170120			Department 170120
Dioptase	Cu(+2)SiO2(OH)2	180215	Tsumeb, South Africa	Howard Minerals	Belsky 2002 128
Dioptase		180123	Tsumeb, Namibia		Department 180123
Dioptase	Cu(+2)SiO2(OH)2	180221	Tsumeb, Nambia	Howard Minerals	Belsky 2004 137
Dioptase	Cu(+2)SiO2(OH)2	180220	Tsumeb, Nambia	Howard Minerals	Belsky 2004 136
Dioptase	Cu(+2)SiO2(OH)2	180219	Tsumeb, Nambia	Howard Minerals	Belsky 2004 135
Dioptase and Calcite (Co bearing)	Cu(+2)SiO2(OH)2	180211	Tantara, Katanga	Wards	Siegel 129
Dioptase and Malachite	Cu(+2)SiO2(OH)2	180212	Tantara, Katanga	Wards	Siegel 112
Dioptase and Plancheite	Cu(+2)SiO2(OH)2	180210	Tantar, Katanga	Wards	Siegel 137
Dioptase Xls.	Cu(+2)SiO2(OH)2	180201	Tsumeb, SW Africa	Howard Minerals	Belsky 2000 074
Dolerite (Diabase)		195011	Manono, Katanga	Wards	Siegel 064
Dolomite		130193	Herkimer, NY	R.Nicols (gift)	Department 130193
Dolomite		130239			Department 130239
Dolomite	CaMg(CO3)2	130660	Black Rock, Arkansas	Howard Minerals	Belsky 2004 051
Dolomite		130144	Rakovac Com., Szerm, Slavomia, Czechoslovakia	Wards	Department 130144
Dolomite		130192	Herkimer, NY	R. Nicols (Gift)	Department 130192
Dolomite		130393	Joplin, Missouri		Department 130393
Dolomite		130459	Longenbach, Q. Binn, Switzerland		Department 130459
Dolomite		130032	Lee, Massachusetts	Wards	Department 130032
Dolomite		130233	Lockport, NY		Department 130233
Dolomite		130014	Thornwook, NY	Wards	Department 130014

Dolomite		130013	Pentfield, NY	Wards, W-66	Department 130013
Dolomite		130054	Thornwook, NY	Wards	Department 130054
Dolomite		130019	Near Baxter Springs, Kansas	Wards	Department 130019
Dolomite		130314	Niagara falls, Ontario Canada		Department 130314
Dolomite		130031	Thornwook, NY	Wards	Department 130031
Dolomite		130035	Thornwook, NY	Wards	Department 130035
Dolomite	CaMg(CO ₃) ₂	130262	Eugui Pamplona, Spain		Belsky Display/Collection 036
Dolomite twin xl.	CaMg(CO ₃) ₂	130571	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 012
Dolomite with Hemimorphite		130389	Chihuahua, Mexico	Howard Minerals	Department 130389
Dolomite Xls.		130357	Pamplona, Spain	Howard Minerals	Department 130357
Dolomite, Sphalerite		130380	Picher, Oklahoma		Department 130380
Dolomites	CaMg(CO ₃)	130638	Black Rock, Arkansas	Howard Minerals	Belsky 2002 080
Dolomite-white Xls. W/Smokey Its. Xls.		130236	San Goatherd Pass, Switzerland	Howard Minerals	Department 130236
Dravite		180085	Limecrest Quarry, Newton, New Jersey	C.F. Buddenhagen	Department 180085
Dravite Tourmaline		180107	Yinnietharra, West Australia	S.J. Guggenheim	Department 180107
Dufrenite, Strengite and Unknowns	Fe(+2)Fe(+3) ₄ (PO ₄) ₂ (OH) ₂	140455	Kobokobo, near Kamituga, Kivu	Wards	Siegel 085
Duftite Xls., And Calcite, Malachite, Smithsonite		140365	Tsumeb, S.W.Africa	Howard Minerals	Department 140365
Dumortierite		180112	Dehesa, California	S. J. Guggenheim	Department 180112
Dumortierite		180061	Location Unknown	American Gem and Minerals	Department 180061
Dumortierite		180062	San Diego, California	Schortmann's Minerals	Department 180062
Dumortierite in Qtz. And Albite		180100	San Diego Co., California	Watkins	Department 180100
Elbaite, Tourmaline		180147	Santa Rosa, Minas, Gerais, Brazil		Department 180147
Ellestadite		140152	Crestmore, Riversite Co., California	Filers	Department 140152
Emerald		180065	Chiron Mine, Colombia	Wards	Department 180065
Emerald		180175	Little Switzerland, North Carolina		Department 180175
Emerald		180130	Little Switzerland, North Carolina		Department 180130
Emerald, Terminated Xl.		180081	Chivor Mines, Columbia	The Prospector's Shop	Department 180081
Emery Ore, gray		120102	Di Rubbro Emery Quarry, Calbaugh Pond Rd., near Pe	C.F. Buddenhagen	Department 120102
Enargite		110104	Butte Montana	Watkins	Department 110104
Endlichite		140158	Chihuahua, Mexico		Department 140158
Enstatite		170008	N. Carolina	Wards	Department 170008
Enstatite		170016	Near Bamble, Norway	Wards	Department 170016

Enstatite		170055	Stillwater Complex, Montana	Watkins	Department 170055
Enstatite		170085	"Zdaraka Hora" near Ruda nad Maravov, Near Sumpark	Wards	Department 170085
Enstatite (Bronzite)		170009	Jackson County, N. Carolina	Wards, W-103	Department 170009
Enstatite var. Harzburgite		170017	Nye Co., Montana	Wards	Department 170017
Eosphorite	Mn(+2)Al(PO4)(OH)2-H2O	140425	Taquaral, Minas Gerais, Brazil	Howard Minerals	Belsky 2000 080
Eosphorite on Quartz	Mn(+2)Al(PO4)(OH)2-H2O	140442	Foote Mine, Kings Mountain, NC	Howard Minerals	Belsky 2000 260
Eosphorite Xls	Mn(+2)Al(PO4)(OH2)-H2O	140530	Minas Gerais, Brazil	Howard Minerals	Belsky 2004 079
Epidote		180097	Winona, Michigan	Mackinaw Geological Supply	Department 180097
Epidote		180082	Zacatecas, Mexico	The Prospector's Shop	Department 180082
Epidote		180066	Calumet, Colorado	Wards	Department 180066
Epidote	Ca2(Fe(+3),Al)3(SiO4)(OH)	180156	Green Monster Mine, Alaska		Belsky Display/Collection 073
Epidote		180046	Canyon City, Colorado	Watkins	Department 180046
Epidote		180007	Calumet, Colorado	Wards, W-102	Department 180007
Epidote		180196			Department 180196
Epidote		180055	Prince of Wales island, Alaska	Schortmann's Minerals	Department 180055
Epidote		180087	Colorado	Wards	Department 180087
Epidote		180042	North Carolina	Watkins	Department 180042
Epidote	Ca2(Fe(+3),Al)3(SiO4)(OH)	180129	Green Monster Mine, Prince of Wales Is., Alaska		Belsky Display/Collection 081
Epidote		180105	Tyrol, Switzerland	Crane Collection	Department 180105
Epidote		180088	N. Carolina	Watkins	Department 180088
Epidote		180075	Madagascar	Wards	Department 180075
Epidote		180024			Department 180024
Epidote		180072	Colle del Pa s elsietto, Ala Valley, Piedmont, Ita	Wards	Department 180072
Epidote		180009	Albermalre Co., Virginia	Wards	Department 180009
Epidote		180053	Calumet, Colorado	Wards	Department 180053
Epidote		180076	Sobotin/Zoptav, Moravia, Czechoslovakia	Wards	Department 180076
Epidote after Plagioclase (w/magnetite)		180013	Cranberry, N. Carolina	R.T. Dodd, 1960	Department 180013
Epidote and Garnet		180043	Nevada	Watkins	Department 180043
Epidote and Garnet		180059	Warwick, Mass.	Schortmann's Minerals	Department 180059
Epidote and Malachite, Greenstone		180037	Precambrian, North of Smithburg, Maryland, Washing	Cloos, 1958: C.F.Buddenhagen	Department 180037
Epidote and Quartz xls.		180163	Prince of Wales Island, Alaska		Department 180163

Epidote Crystal		180102	San Quentin, Baja California, Mexico	Filer's	Department 180102
Epidote in Unakite		180015	Blue Ridge Parkway, Virginia	R.T. Dodd, 1960	Department 180015
Epidote inclusions on Quartz Crystals		180051	Mazatlan, Mexico	Vellor Comp.	Department 180051
Epidote w/Quartz		180157	Prince of Wales Island, Alaska		Department 180157
Epidote,Greenstone(metabasalt, CatoctinMetabasalt		180036	Precambrian, North of Smithburg, Maryland, Washing	Cloos, 1958: C.F.Buddenhagen	Department 180036
Erythrite		140204	Bou Azzer, Morocco		Department 140204
Erythrite		140361	Bou Azzer, Morocco		Department 140361
Erythrite		140371	Bou Azzer, Morocco		Department 140371
Erythrite		140378	Bou Azzer, Morocco		Department 140378
Erythrite	Co3(AsO4)2-8H2O	140526	Bou Azzer Morocco	Howard Minerals	Belsky 2004 075
Erythrite		140239	Sonora, Mexico		Department 140239
Erythrite		140247	Bou Azzer, Morocco		Department 140247
Erythrite		140320	Bou Azzer, Morocco		Department 140320
Erythrite	Co3(AsO4)2-8H2O	140429	Bou Azzer, Morocco	Howard Minerals	Belsky 2000 145
Erythrite		140112	Alamos, Sonora, Mexico	The Prospector's Shop	Department 140112
Erythrite	Co3(AsO4)2-8H2O	140500	Bou-Azzer, Anti-Atlas Mountains, Morocco	Howard Minerals	Belsky 2002 103
Erythrite	Co3(AsO4)2-8H2O	140499	Bou Azzer, Morocco	Howard Minerals	Belsky 2002 102
Erythrite (Cobalt)		140012	Ontario	Wards, W-86	Department 140012
Euxenite	(Y,Ca,Ce,U,Th)(Nb,Ta,Ti)2O6	120356	Mitwaba, Katanga	Wards	Siegel 142
Euxenite in pegmatite		120038	McKinney, N.C.	Gift of R.T.Dodd, 1966	Department 120038
Evansite	Al3(PO4)(OH)6-6H2O	140471	Kobokobo, near Kamituga, Kivu	Wards	Siegel 086
Fassaite w/ Black Spinel		170075	Fassa, Italy	Wards	Department 170075
Fayalite		190030	Rockport, Mass.	Wards	Department 190030
Fayalite in Granite		190186	Douglas County, Colorado	Wards	Department 190186
Fayalite in Granite (Black Olivine)		190004	Douglas County, Colorado	Wards	Department 190004
Fayalite on Cristobalite		150156	Little Lake, California	Wards	Department 150156
Fayalite Xl., on Cristobalite		190031	Inyo County, California		Department 190031
Fayalite Xls., on Cristobalite		190077	Little Lake, Inyo County, California	Filers	Department 190077
Feldspar var. Perthite		150108	Perth, Ontario, Canada	Minerals Unlimited	Department 150108
Ferberite		140203	Felsobanga, Romania		Department 140203
Ferberite		140342	Boulder Co., Colorado		Department 140342
Ferberite	Fe(2+)WO4	140472	MQL, Cie Miniere de Grands Lacs, kamituga, Kivu	Wards	Siegel 159
Ferberite	Fe(2+)WO4	140450	Sebaya Mine, north Ruanda-Urundi	Wards	Siegel 078
Ferberite	Fe(2+)WO4	140465	Kigali, Ruanda-Urundi	Wards	Siegel 034

Ferberite and Stibiconite	Fe(2+)WO4	140467	Mierges Mine, Kigale, Rwanda	Wards	Siegel 168
Ferberite with Mica	Fe(2+)WO4	140475	Mierges Mine, Kigali, Rwanda	Wards	Siegel 080
Ferrierite		150208	Kamloops, BC	Allens Minerals, S. J. Guggenheim	Department 150208
Ferroaxinite		180200	Dauphine, France		Department 180200
Flint		150258	Dover, England		Department 150258
Flint Arrowhead	SiO2	150477		Howard Minerals	Belsky 2002 123
Fluorapatite	Ca5(PO4)3F	140547	Ontario, Canada	Howard Minerals	Belsky Display/Collection 111
Fluorapatite		140253	Switzerland		Department 140253
Fluorapophyllite		160152	Poona, India		Department 160152
Fluorapophyllite		160148	Centreville, Virginia		Department 160148
Fluorite		130199	Manor, KY	B.E. Clements	Department 130199
Fluorite		130092	Rosiclare, Illinois	Filers	Department 130092
Fluorite		130201	Cave-in-rock, Ill	B.E. Clements	Department 130201
Fluorite		130089	Marion, Kentucky	Clements	Department 130089
Fluorite		130087	Cave in Rock, Ill.	B.E. Clements	Department 130087
Fluorite		130102	Mexico	Watkins	Department 130102
Fluorite		130050	Rosiclare, Illinois		Department 130050
Fluorite		130414	Winawweep, New Mexico		Department 130414
Fluorite		130202	Cave-in-rock, Ill	B.E. Clements	Department 130202
Fluorite		130094		Clements	Department 130094
Fluorite		130258	Switzerland		Department 130258
Fluorite		130026	South Platte, Colo.	Wards	Department 130026
Fluorite		130203	Near Rosiclare(?), Ill	B.E. Clements	Department 130203
Fluorite		130088	Marion, Kentucky	B. Clements	Department 130088
Fluorite		130149	Spar Mt. Mine Near Cave-in-rock, Hardin Co., Illin	Wards	Department 130149
Fluorite		130049	Madoc, Ontario		Department 130049
Fluorite		130071	Rosiclare, Illinois	Wards	Department 130071
Fluorite		130072	Fallow, Nevada	Watkins	Department 130072
Fluorite		130235	Wear dale, Cumberland, England		Department 130235
Fluorite		130150	Mexico	Wards	Department 130150
Fluorite		130084	Weardale, Durham, England	Wards	Department 130084
Fluorite		130309	Illinois		Department 130309
Fluorite	CaF2	130668	Musquiz Mexico	Howard Minerals	Belsky 2004 059

Fluorite	CaF2	130669	Musquiz Mexico	Howard Minerals	Belsky 2004 060
Fluorite		130423	Mine du Kaymar, Lunel, Averyron, France	Howard Minerals	Department 130423
Fluorite		130281	Wolsendorf, Bavaria, W. Germany		Department 130281
Fluorite		130279	Mine Du Kaymar, Lunel. Averyrow		Department 130279
Fluorite	CaF2	130278	Lunel, France		Belsky Display/Collection 057
Fluorite		130186	Minerva Mine, Cave In Rock, ILL.	S.J. Guggenheim	Department 130186
Fluorite		130230	S. Gottard, Switz.		Department 130230
Fluorite		130405	Grant Co., New Mexico		Department 130405
Fluorite	CaF2	130513	Vladivostok, Primorsk, Kray, USSR	Howard Minerals	Belsky 2000 172
Fluorite		130178	Franklin, NJ	Gift of Thomas R. Fusto	Department 130178
Fluorite		130465	Cave-In-Rock, Illinois	Howard Minerals	Department 130465
Fluorite		130470	Grand Jot., Mesa Co., Colorado		Department 130470
Fluorite		130474	Muzquiz, Mexico		Department 130474
Fluorite		130003	Quebec	Wards, W-51	Department 130003
Fluorite	CaF2	130514	Ribadesella, Spain	Howard Minerals	Belsky 2000 180
Fluorite		130476	Bingham, New Mexico (AZ?)		Department 130476
Fluorite		130259	La Collada, Spain		Department 130259
Fluorite		130315			Department 130315
Fluorite		130226	Weardale Co., Durham		Department 130226
Fluorite		130151	Barbyshire, England		Department 130151
Fluorite (Bladed)		130196	Cave-in-Rock, Ill.	B.E. Clements	Department 130196
Fluorite (High Temp)		130170	Durango, Mexico	B. Clements	Department 130170
Fluorite (Oil Inclusions)		130200	Manor, KY	B.E. Clements	Department 130200
Fluorite (Optical)		130204	Near Rosiclare, Ill	B.E. Clements	Department 130204
Fluorite (Pink)	CaF2	130667	Goschemen,Switzerland	Howard Minerals	Belsky 2004 058
Fluorite [a]	CaF2	130636	Musquiz, Mexico	Howard Minerals	Belsky 2002 075
Fluorite [b]	CaF2	130636	Musquiz, Mexico	Howard Minerals	Belsky 2002 076
Fluorite [c]	CaF2	130636	Musquiz, Mexico	Howard Minerals	Belsky 2002 077
Fluorite [d]	CaF2	130636	Musquiz, Mexico	Howard Minerals	Belsky 2002 078
Fluorite and Quartz		130454	Ribadesella, Spain	Howard Minerals	Department 130454
Fluorite var. Antozonite		130043	Wilberforce, Ontario	Wards	Department 130043
Fluorite w/ Marcasite		130205	Cave-in-Rock, Ill	B.E. Clements	Department 130205
Fluorite w/ Pyrite Inclusions		130443	Cacilia Mine, Nabburg, West Germany	Howard Minerals	Department 130443
Fluorite w/qtz & Oil Inclusions		130206	Cave-in-Rock, Ill	B.E. Clements	Department 130206
Fluorite Xls.		130430	Cumberland, England		Department 130430

Fluorite Xls.		130382	Castleton, Derbyshire, England		Department 130382
Fluorite Xls.		130277	Cumberland, England		Department 130277
Fluorite, Cleavage Octahedrons		130166	Rosiclare, Illinois	Watkins	Department 130166
Fluorite, Rare		130093		Clements	Department 130093
Fluorite, Sphalerite, and Chalcopyrite		130477	Trepca		Department 130477
Fluorite,Green		130468	Black Dene Mine, Cumberland, England	Bentley Minerals	Department 130468
Fluororichtorite	Na2Ca(Mg, Fe(2+))5Si8O22(F,OH)2	170204	Canada	Howard Minerals	Belsky 2004 132
Fluor-Richterite		170127	Wilberforce, Ontario, Canada		Department 170127
Forsterite		190085	Crestmore Quarry, Riverside Co., California	S. J. Guggenheim	Department 190085
Forsterite		190032	Bancroft, Ontario		Department 190032
Forsterite w/ Spinel Xls.		190033	Riverside County, California		Department 190033
Franklin Marble	(Zn,Mn(+2),Fe(+2))(Fe(3+).Mn(+3))2O4	130550	Franklin, NJ	Howard Minerals	Belsky 2000 360
Franklinite		120003	Franklin, NJ	Wards W - 46	Department 120003
Franklinite		120256	Ogdenberg, NJ		Department 120256
Franklinite		120185	Franklin, NJ		Department 120185
Franklinite		120149	Franklin, NJ		Department 120149
Franklinite	(Zn,Mn (2+), Fe(2+))(Fe(+3)Mn(+3))2O4	120387	Franklin, New Jersey	Howard Minerals	Belsky 2004 029
Franklinite & Calcite	(Zn,Mn(+2),Fe(+2))(Fe(+3)Mn(+3))2O4	120315	Franklin, NJ	Howard Minerals	Belsky 2000 355
Franklinite and Biotite in Marble		120043	Sterling Mine, NJ	Gift of R.T. Dodd, 1960	Department 120043
Franklinite and Willemite		120197	Ugdensburg, NJ		Department 120197
Franklinite in Calcite		120041	Sterling Mine Pump, NJ	Gift of R.T. Dodd, 1958	Department 120041
Franklinite on Calcite		120179	Franklin, NJ	Gift of Thomas R. Fusto	Department 120179
Franklinite w/ Troostite		120111	Franklin Furnace, New Jersey	Wards	Department 120111
Franklinite, Calcite, Willemite		120200	Sterling Hill, NJ		Department 120200
Franklinite, Pyroxene, Calcite, Magnetite		120069	Sterling Mine, NJ	Gift of R. T. Dodd, 1960	Department 120069
Franklinite, Zincite, Calcite		120045	Sterling Mine, NJ	Gift of R.T. Dodd, 1960	Department 120045
Freibergite		110123	Wallace, Idaho		Department 110123
Friedelite		160115	Franklin, NJ	S. Guggenheim	Department 160115
Fuchsite var. Muscovite		160142			Department 160142
Fulgurites	SiO2	150413		Howard Minerals	Belsky 2000 157
Gadolinite		180142	Barringer Hill, Texas		Department 180142
Gahnite in Franklin Marble		120046	Sterling Mine, NJ	Gift of R. T. Dodd, 1960	Department 120046

Galena		110066	Cave in Rock, Illinois	The Flourite Shop	Department 110066
Galena	PbS	110312	Missouri	Howard Minerals	Belsky 2000 040
Galena	PbS	110304	Missouri	Howard Minerals	Belsky 2000 032
Galena	PbS	110311	Missouri	Howard Minerals	Belsky 2000 039
Galena	PbS	110305	Missouri	Howard Minerals	Belsky 2000 033
Galena	PbS	110310	Missouri	Howard Minerals	Belsky 2000 038
Galena	PbS	110309	Missouri	Howard Minerals	Belsky 2000 037
Galena	PbS	110307	Missouri	Howard Minerals	Belsky 2000 035
Galena	PbS	110308	Missouri	Howard Minerals	Belsky 2000 036
Galena	PbS	110313	Missouri	Howard Minerals	Belsky 2000 041
Galena	PbS	110306	Missouri	Howard Minerals	Belsky 2000 034
Galena		110128	Joplin, Missouri		Department 110128
Galena		110003	Baxter Springs, Kansas	Wards W-10	Department 110003
Galena		110020	Near Aspen Colorado	Gift of Karl D. Hartzell 5-5-66	Department 110020
Galena		110038	Coeur d'Alene, Idaho	Wards	Department 110038
Galena		110112	No Data	Gift of A. F. Bence	Department 110112
Galena		110113	Judd's Bridge, Conn.	Gift of Thomas R. Fusto	Department 110113
Galena		110052			Department 110052
Galena		110086	Ottawa County, Oklahoma	Wards	Department 110086
Galena		110118	Mid Continent Mine, Tri State District, Picher, Ok	S. J. Guggenheim - 1971	Department 110118
Galena		110178	Naica, Chihuahua, Mexico		Department 110178
Galena		110119	Tulsa Quapau Mine, Tri State District, Picher Okla	S. J. Guggenheim - 1971	Department 110119
Galena	PbS	110314	Missouri	Howard Minerals	Belsky 2000 042
Galena		110140	Tsumeb, S.W.Africa		Department 110140
Galena		110170			Department 110170
Galena		110192	Naica, Chihuahua, Mexico		Department 110192
Galena		110194	Joplin, Mo.		Department 110194
Galena		110210	Silver Plume, Colorado	Howard Minerals	Department 110210
Galena	PbS	110316	Missouri	Howard Minerals	Belsky 2000 044
Galena	PbS	110315	Missouri	Howard Minerals	Belsky 2000 043
Galena		110231			Department 110231
Galena		110092	Stahlberg der Musen, Wastphalia, Germany	Wards	Department 110092
Galena	PbS	110303	Missouri	Howard Minerals	Belsky 2000 031
Galena	PbS	110302	Missouri	Howard Minerals	Belsky 2000 030

Galena	PbS	110301	Missouri	Howard Minerals	Belsky 2000 029
Galena	PbS	110300	Missouri	Howard Minerals	Belsky 2000 028
Galena	PbS	110368	Picher, Ok	Howard Minerals	Belsky 2002 008
Galena	PbS	110354	Kababara, Ruanda, Urundi	Wards	Siegel 165
Galena (Exceptional Xls)	PbS	110369	Tut, Romania	Howard Minerals	Belsky 2002 009
Galena and Calcite		110253	Tsumeb, SW Africa		Department 110253
Galena on Siderite		110252	Montezuma Mine, Colorado		Department 110252
Galena with Sulfides	PBS	110359	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 004
Galena Xls.		110263	Bingham Canyon, Utah	Howard Minerals	Department 110263
Galena, Fluorite, & Calcite	PbS	110389	Naica, Chihuahua, Mexico	Howard Minerals	Belsky 2004 015
Garnet	A3B2Si3O12	190325	Connecticut	Howard Minerals	Belsky 2000 218
Garnet	A3B2Si3O12	190320	Connecticut	Howard Minerals	Belsky 2000 225
Garnet	A3B2Si3O12	190312	Zillertal, Ost-Tyrol, Austria	Howard Minerals	Belsky 2000 178
Garnet	A3B2Si3O12	190327	Connecticut	Howard Minerals	Belsky 2000 223
Garnet	A3B2Si3O12	190321	Connecticut	Howard Minerals	Belsky 2000 222
Garnet	A3B2Si3O12	190315	Connecticut	Howard Minerals	Belsky 2000 221
Garnet	A3B2Si3O12	190323	Connecticut	Howard Minerals	Belsky 2000 220
Garnet		190215			Department 190215
Garnet	A3B2Si3O12	190326	Connecticut	Howard Minerals	Belsky 2000 217
Garnet	A3B2Si3O12	190336	Huat Kiliba, Kivu	Wards	Siegel 177
Garnet	A3B2Si3O12	190313	Otztal, Tyrol, Austria	Howard Minerals	Belsky 2000 179
Garnet	A3B2Si3O12	190368	Zillertal, Tyrol, Austria	Howard Minerals	Belsky Display/Collection 023
Garnet		190057	Laguna de Jaco, Mexico	Griegers	Department 190057
Garnet		190300	Dallas, Georgia		Department 190300
Garnet	A3B2Si3O12	190337	Ruindi	Wards	Siegel 167
Garnet		190193	Farmington Canyon, Davis County, Vermont	Wards	Department 190193
Garnet	A3B2Si3O12	190241	Zillertal, Tirol, Austria	Howard Minerals	Belsky Display/Collection 033
Garnet	A3B2Si3O12	190324	Connecticut	Howard Minerals	Belsky 2000 219
Garnet		190053	Connecticut	Harbison Collection	Department 190053
Garnet		190248	Written on Crumpled Napkin, not readable.		Department 190248
Garnet		190177	Clear Creek, NY	Watkins	Department 190177
Garnet	A3B2Si3O12	190322	Connecticut	Howard Minerals	Belsky 2000 233
Garnet	A3B2Si3O12	190329	Connecticut	Howard Minerals	Belsky 2000 232
Garnet		190209	Location Unknown		Department 190209

Garnet	A3B2Si3O12	190328	Connecticut	Howard Minerals	Belsky 2000 231
Garnet	A3B2Si3O12	190332	Connecticut	Howard Minerals	Belsky 2000 224
Garnet	A3B2Si3O12	190316	Connecticut	Howard Minerals	Belsky 2000 230
Garnet	A3B2Si3O12	190331	Connecticut	Howard Minerals	Belsky 2000 226
Garnet		190054			Department 190054
Garnet	A3B2Si3O12	190317	Connecticut	Howard Minerals	Belsky 2000 229
Garnet	A3B2Si3O12	190372	Rockland, Maine	Howard Minerals	Belsky Display/Collection 110
Garnet	A3B2Si3O12	190318	Connecticut	Howard Minerals	Belsky 2000 228
Garnet		190056			Department 190056
Garnet		190211	Wyoming	Exolite Corp.	Department 190211
Garnet	A3B2Si3O12	190319	Connecticut	Howard Minerals	Belsky 2000 227
Garnet (Almandite)		190014	River Valley, Ontario	Wards, W-92	Department 190014
Garnet (Almandite)		190192	Roxbury, Connecticut	Wards	Department 190192
Garnet (Andradite)		190191	Stanley Butte, Graham County, Arizona	Pickens Collection	Department 190191
Garnet (Andradite)		190016	Willsboro, NY	Wards, W-93	Department 190016
Garnet (Melanite)		190190	San Benito County, California	Pickens Collection	Department 190190
Garnet Crystal		190084	Southbury, Conn.	Crane Collection	Department 190084
Garnet Crystal	A3B2Si3O12	190358	Tyrol, Austria	Howard Minerals	Belsky 2004 145
Garnet Crystals	A3B2Si3O12	190356	Zillertal, Austria	Howard Minerals	Belsky 2004 143
Garnet Group (Almandine)		190176	Gouvernador Valaderes, Minas Gerais	Minerals Unlimited	Department 190176
Garnet in Muscovite Mica		190294	Mitchell Co., N. Carolina		Department 190294
Garnet var. Almandite		190195	Wrangell, Alaska	Wards	Department 190195
Garnet var. Almandite		190199	India	Wards	Department 190199
Garnet var. Almandite		190200	Yirison River, Northern Province, Sierra Leone	Wards	Department 190200
Garnet var. Andradite in Marble		190045	Willsboro, NY	Wards	Department 190045
Garnet var. Essonite		190220	McFall Mine, Ramona, California		Department 190220
Garnet var. essonite		190052	Mass.		Department 190052
Garnet var. Grossularite		190183	Chihuahua, Mexico	Wards	Department 190183
Garnet var. Grossularite		190018	Chihuahua, Mexico	Wards	Department 190018
Garnet var. Grossularite		190043	Chihuahua, Mexico		Department 190043
Garnet var. Rhodolite		190019	Jackson County, N. Carolina	Wards	Department 190019
Garnet var. Spessartine		190042	Haddom, Connecticut		Department 190042
Garnet var. Uvarovite		190017	California	Wards	Department 190017
Garnet w/ Chalcopyrite		190181	New Mexico	Watkins	Department 190181
Garnets (Andradite?)	A3B2Si3O12	190343	Escarpment de Kabasha, Kivu	Wards	Siegel 145

Garnets in Schist	A3B2(SiO4)3	190352	Otztal, Tynol Austrial	Howard Minerals	Belsky 2002 139
Garnierite		160000	Near Riddle, Oregon	Wards	Department 160000
Garosite		140252			Department 140252
Gehelenite		190039	Luna County, New Mexico	Wards	Department 190039
Gehlenite		180086	Camel Mt., East of Columbus Co., N. Mexico	Southwest Minerals Supply	Department 180086
Geode	SiO2	150418	Mexico	Howard Minerals	Belsky 2000 174
Geodes	SiO2	150526		Howard Minerals	Belsky Display/Collection 118
Geodes	SiO2	150527		Howard Minerals	Belsky Display/Collection 119
Geothite	alpha-Fe(+3)O(OH)	120326	Kasekelesa, Katanga	Wards	Siegel 099
Geothite	alpha-Fe(+3)O(OH)	120316	6 mi north on Rte #6, Kolwezi, Katanga	Wards	Siegel 069
Gibbsite		120079	Brazil	Watkins	Department 120079
Gibbsite		120064	Minas Gerais, Brazil	Wards	Department 120064
Gillespite		160141	Mezquital, BC, Mexico		Department 160141
Gilsonite		100043	Fort Duchesne, Utah	Wards	Department 100043
Glass (Radiation Colored)		150430		Howard Minerals	Belsky 2000 234
Glaucosite		160026	Hazlet, NJ	Wards	Department 160026
Glaucosite (greensand)		160025	Birmingham, NJ	Wards	Department 160025
Glaucophane		170019	Sonoma Co., California		Department 170019
Glaucophane		170044	Old Tyrone Station, Sonoma Co., California	Minerals Unlimited	Department 170044
Glaucophane		170018	Sonoma Co., California	Wards	Department 170018
Glaucophane in Matrix of Soda Amphibole		170041	Mark West Springs, Sonoma Co., California	Minerals Unlimited	Department 170041
Glaucophane on Eclogite		170042	Near Valley Ford, Sonoma County, California	Minerals Unlimited	Department 170042
Goethite		120263	Mapimi, Mexico		Department 120263
Goethite		120121	Crystal Peak, Pike's Peak Region, Colorado	Wards	Department 120121
Goethite		120169	Palmer, Michigan	Mackinan Geological Supply	Department 120169
Goethite	alpha-Fe(+3)O(OH)	120343	Kakanda, Katanga	Wards	Siegel 166
Goethite		120070			Department 120070
Goethite		120091	Minnesota	Watkins	Department 120091
Goethite		120081	Halls Corner, Alabama	The Flourite Shop	Department 120081
Goethite		120021	Ishpeming, Michigan	Wards W - 43	Department 120021
Goethite		120257	Georgia		Department 120257
Goethite after Siderite	alpha-Fe(3+)O(OH)	120394	Pikes Peak, Colorado	Howard Minerals	Belsky Display/Collection 100

Goethite on Quartz	alpha-Fe(+3)O(OH)	120300	Tismut, Morocco	Howard Minerals	Belsky 2000 069
Goethite on Quartz	alpha-Fe(+3)O(OH)	120306	Izernane, Morocco	Howard Minerals	Belsky 2000 161
Goethite w/ Magnetite and Pyrolusite		120170	Negaunee, Michigan	Mackinan Geological Supply	Department 120170
Goethite with Malachite	alpha-Fe(+3)O(OH)	120364	Kasekelesa, Katanga	Wards	Siegel 193
Gold	Au	100026	Chips Mine, Buttes-Sierra City, CA	Wards	Department 100026
Gold	Au	100077	Lichtenberg, East Germany	Howard Minerals	Department 100077
Gold	Au	100002	Central Rand, Transvaal	Wards	Department 100002
Gold	Au	100113	Chemnitz, Hungary	Howard Minerals	Belsky 2004 002
Gold	Au	100102	Kilo Moto, Senzere, Katanga	Wards	Siegel 049
Gold in Quartz	Au	100116	Boulder Colorado	Howard Minerals	Belsky 2004 005
Gold in Quartz	Au	100104	Mutotolwa, Katanga	Wards	Siegel 048
Gold Nugget	Au	100019	California Mother Lode Area, Placer Mining Operati	Lester Lea	Department 100019
Gold Quartz, Rich		100021	Mother Lode Area, Grass Valley Area, CA	Lester Lea	Department 100021
Gold Specimens	Au	100020	Mt. Shasta, CA	Lester Lea	Department 100020
Golden Beryl		180136	Siberia		Department 180136
Graftonite		140124	Custer, S. Dakota	Watkins	Department 140124
Graphite	C	100005	Warren County, New York	Wards	Department 100005
Graphite	PbS	110401		Howard Minerals	Belsky Display/Collection 112
Graphite	C	100009	Madagascar	Wards	Department 100009
Graphite	C	100004	Essex County, New York	Wards	Department 100004
Graphite	C	100003	Colombo Mines, Island of Ceylon	Wards	Department 100003
Graphite in Calcite	C	100031	Wilmington, New York	Vellor Comp.	Department 100031
Green Malachite, Green		130101	Katanga, Congo	Griegors	Department 130101
Grenatite (=Staurolite?)	(Fe(+2),Mg,Zn)2Al9(Si,Al)4O22(OH)2	150468	B.C.K. Mn Mine, Kisenge, Katanga	Wards	Siegel 178
Grossular Garnet		190238	Jeffery Quarry, Asbestos, Quebec		Department 190238
Grossular Garnet (green), Diopside		190228	Orford, Quebec, Canada		Department 190228
Grossularite		190080	Redding, Conn.	Gift of Thomas R. Fusto	Department 190080
Grossularite Garnet		190086	Colorado	Ekert Minerals	Department 190086
Groutite		120286	2 1/2 Mine, Talcville, NY	Howard Minerals	Department 120286
Grunerite		170100	Michigamme, Michigan	Mackinan Geological Supply	Department 170100
Grunerite in magnetite		170090	Spurr Mine, Michagamme, Michigan	Wards	Department 170090
Gypsum		140249			Department 140249
Gypsum		140136	Manistique, Michigan	Makinan Geological Supply	Department 140136

Gypsum		140072		ESS Society	Department 140072
Gypsum	CaSO4-2H2O	140479	Swan Hill, Victoria Australia	Howard Minerals	Belsky 2002 082
Gypsum	CaSO4-2H2O	140432	Paris Basin, France	Howard Minerals	Belsky 2000 170
Gypsum	CaSO4-2H2O	140463	Mindola near Ketwe, Zambia	Wards	Siegel 052
Gypsum	CaSO4-2H2O	140543	Quimica del Reg. Cahuila, Mexico	Howard Minerals	Belsky 2004 092
Gypsum		140163			Department 140163
Gypsum		140170			Department 140170
Gypsum	CaSO4-2H2O	140473	Kapiri, Katanga	Wards	Siegel 051
Gypsum		140055	Baden, Germany	Southwest Scientific Co.	Department 140055
Gypsum		140130	Jackson Fm., 30 mi. East of Jackson Miss.		Department 140130
Gypsum	CaSO4-2H2O	140199			Belsky Display/Collection 025
Gypsum		140162	Mexico		Department 140162
Gypsum	CaSO4-2H2O	140401	Paris Basin, France		Belsky Display/Collection 068
Gypsum		140004	Grand Rapids, Michigan	Wards, W-75	Department 140004
Gypsum		140031	Grand Rapids, Michigan	Wards, W-78	Department 140031
Gypsum (selenite)	CaSO4-2H2O	140438	Swan Hill, Victoria, Australia	Howard Minerals	Belsky 2000 268
Gypsum (Single Xl.)		140057	Nanton, Alberta, Canada	Southwest Scientific Co.	Department 140057
Gypsum car. Selenite		140108	Washington Co., Utah	Wards	Department 140108
Gypsum var. Satin Spar		140078	Alfalfa Co., Kansas	Wards	Department 140078
Gypsum var. Selenite		140037			Department 140037
Gypsum var. Selenite Xl.		140048	Brookville, Kansas	Filers	Department 140048
Gypsum Xl.		140142			Department 140142
Gypsum Xl.		140186	Caresses, Pyr. Atlant., France	Howard Minerals	Department 140186
Gypsum Xls.		140033		Harbisan Collection	Department 140033
Gypsum, Satin Spar.		140006	Derby, England	Wards, W-77	Department 140006
Gypsum, Selenite		140005	Penfield, NY	Wards, W-76	Department 140005
Gypsum, var. Satin Spar		140087	East Bridgeford, England	Wards	Department 140087
Halite	NaCl	130564	Mines de Katwe, Uganda	Wards	Siegel 077
Halite		130333			Department 130333
Halite		130253	Molecolare, Sicily, Italy	Howard Minerals	Department 130253
Halite		130490	West Germany		Department 130490
Halite		130335	Salton Sea, California		Department 130335
Halite	NaCl	130544	Germany	Howard Minerals	Belsky 2000 240
Halite		130433			Department 130433

Halite		130001	Detroit, Michigan	Wards, W-49	Department 130001
Halite		130100	Strassfurt, Germany	Southwest Scientific	Department 130100
Halite	NaCl	130563	Germany?	Howard Minerals	Belsky 2000 294
Halite (Fluorescent)		130162	Salton Sea, California	The Prospector's Shop	Department 130162
Halite crystal group on Sage Brush		130160	Salton Sea, Imperial Co., California	Southwest Scientific Co.	Department 130160
Halite in Sagebrush		130126	Salton Sea, California	Vellor Comp.	Department 130126
Halite Xls.		130106	Kern Co., California	Prospectors Shop.	Department 130106
Halite, Rock Salt		130078	Grand Saline, Texas	Watkins	Department 130078
Halite, Rock Salt	NaCl	130670	East of Carlsbad, New Mexico	Howard Minerals	Belsky 2004 061
Harmotome		150377	Middleship Mine, Strontian, Argyllshire, Scotland	Howard Minerals	Department 150377
Hauksite		140238	Borax Lake, California		Department 140238
Hedenbergite		170103	Pewabic Mine, Hanover, NM	S. J Guggenhiem	Department 170103
Helvite		150192	Brown's Gulch, Iron Mtn., Dist.	Southwest Mineral Supply	Department 150192
Helvite		150205	Iron Mine Dist., Sierra Co., NM	Southwest Mineral Co.	Department 150205
Hematite		120245	Piz Prevot, St. Gotthard region, Ticino/Uri, Switz	Howard Minerals	Department 120245
Hematite		120252	Beckermets Mine, Edgemont, Cumberland, England		Department 120252
Hematite		120087	Llano, Co., Texas	Watkins	Department 120087
Hematite		120024	Rochester, NY	Wards	Department 120024
Hematite		120088	Missouri	Watkins	Department 120088
Hematite		120250	Elba, Italy		Department 120250
Hematite		120084	Lead, S. Dakota	Watkins	Department 120084
Hematite		120249			Department 120249
Hematite		120211	Florence Mine, Beckermets, Cumberland, England		Department 120211
Hematite		120071			Department 120071
Hematite		120126	Tonkoliti, Koinadugu District, Sierra Leone	Wards	Department 120126
Hematite		120210	Frizington, Cumberland, England		Department 120210
Hematite		120164	Ishpeming, Michigan	Mackinac Geological Supply	Department 120164
Hematite		120206	Switzerland		Department 120206
Hematite		120201	Switzerland		Department 120201
Hematite		120009	Ishpeming, Michigan	Wards	Department 120009
Hematite	alpha-Fe2O3	120227	Florence Mine, Beckermets, Cumberland, England	Belsky Collection Lot # 32	Belsky Display/Collection 050
Hematite		120062	Clinton, NY	Wards	Department 120062
Hematite		120284	Elba, Italy		Department 120284

Hematite		120033	Ontario, NY	Wards W - 31	Department 120033
Hematite		120106	Utah	Watkins	Department 120106
Hematite		120251	Switzerland		Department 120251
Hematite		120010	Ishpeming, Michigan	Wards	Department 120010
Hematite	alpha-Fe2O3	120365	Fellital, Uri, Switzerland	Howard Minerals	Belsky 2002 021
Hematite	alpha-Fe2O3	120366	Fedenstock, Fellital, Uri, Switerland	Howard Minerals	Belsky 2002 022
Hematite		120025	Clinton, NY	Wards	Department 120025
Hematite		120053	Ironton, Minnesota	Wards	Department 120053
Hematite		120253	Switzerland		Department 120253
Hematite		120190	Florence Mine, Beckermets, Cumberland, England		Department 120190
Hematite		120260	Elba, Italy		Department 120260
Hematite		120090	Brazil	Watkins	Department 120090
Hematite		120267	Elba, Italy		Department 120267
Hematite		120092	Lead, S. Dakota	Watkins	Department 120092
Hematite		120063	Rochester NY	Wards	Department 120063
Hematite		120032	Clinton, NY	Wards W - 76	Department 120032
Hematite & Quarz	Fe2O3	120380	Beckermets Mine, Cumberland, England	Howard Minerals	Belsky 2004 022
Hematite (Bladed Hematite Rose)	alpha-Fe2O3	120367	Gottard, Switzerland	Howard Minerals	Belsky 2002 023
Hematite and Chalcopyrite	Fe2O3	120336	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 009
Hematite and Muscovite		120192	Switzerland		Department 120192
Hematite banded w/ Jasper		120030	Minnesota	Wards	Department 120030
Hematite Ore		120162	Ishpeming, Michigan	Mackinan Geological Supply	Department 120162
Hematite Rose	Fe2O3	120382	Fellital Switzerland	Howard Minerals	Belsky 2004 024
Hematite Taconite		120031	Twin Cities, Minnesota	Gift of Karl D. Hartzell 5-5-66	Department 120031
Hematite with Rutile	alpha-Fe2O3	120368	Cavradi, Graubunden, Switerland	Howard Minerals	Belsky 2002 024
Hematite with Rutile	Fe2O3	120381	Cavradi, Graubunden, Switzerland	Howard Minerals	Belsky 2004 023
Hematite Xls & Quarz	alpha-Fe2O3	120369	Beckermets Mine, Egremont, Cumberland, England	Howard Minerals	Belsky 2002 025
Hematite Xls.	Fe2O3	120302	Beckermets Mine, Egremont, Cumberland, England	Howard Minerals	Belsky 2000 084
Hematite xls.		120234	Zacatecas, Mexico		Department 120234
Hematite, Adularia		120198	Switzerland		Department 120198
Hematite, Iron Mtn.		120148	Pilot Knob, Mo		Department 120148
Hematite, Micaceous		120163	Moore Mine, Marquette Co., Michigan	Mackinan Geological Supply	Department 120163
Hematite, Oolitic		120085	Birmingham, Alabama	Watkins	Department 120085

Hematite, Specular		120138	Santa Fe Co., New Mexico	The Prospector's Shop	Department 120138
Hematite, Specular		120156	Champion, Michigan	Mackinan Geological Supply	Department 120156
Hematite, Specular		120187	Aspen, Colorado		Department 120187
Hematite, Specular		120165	Champion, Michigan	Mackinan Geological Supply	Department 120165
Hematite, Specular	alpha-Fe2O3	120391	Florence Mine, Egremont, Cumberland, England	Howard Minerals	Belsky Display/Collection 016
Hematite, Specular	Fe2O3	120309	Florence Mine, Bechermet Cumts., England	Howard Minerals	Belsky 2000 242
Hematite, Specular W/ Qtz, Dolomite	Fe2O3	120311	Buckermet Mine, Cumberland, England	Howard Minerals	Belsky 2000 253
Hemimorphite		180014	Sterling Mine, NJ	R.T. Dodd, 1960	Department 180014
Hemimorphite	Zn4Si2O7(OH)2-H2O	180222	Carnahan Mina, Santa Fe Co., New Mexico	Howard Minerals	Belsky 2004 138
Hemimorphite		180114	Chi., Mexico		Department 180114
Hemimorphite		180113	Carnahan Mine, Santa Fe Co., New Mexico	Howard Minerals	Department 180113
Hemimorphite		180174	Mapimi, Mexico		Department 180174
Hemimorphite		180170			Department 180170
Hemimorphite		180149	Locality Unknown		Department 180149
Hemimorphite		180135	Chihuahua, Mexico		Department 180135
Hemimorphite	Zn4Si2O7(OH)2-H2O	180213	Kengere, Katanga	Wards	Siegel 120
Hemimorphite		180143	Mapimi, Durango, Mexico		Department 180143
Hemimorphite and Calcite		180161	Carnahan Mine, Santa Fe Co., New Mexico	Howard Minerals	Department 180161
Hemimorphite w/ Calcite/Dolomite		180153	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Department 180153
Hemimorphite Xls.	Zn4Si2O7(OH)2-H2O	180202	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Belsky 2000 151
Hemo - Ilmenite		120068	Brule Lake, Quebec	Gift of A.T. Anderson Jr.	Department 120068
Herkimer Diamonds in Matrix (qtz)	C	100100	Middleville, NY	Howard Minerals	Belsky 2000 256
Heterogenite	Co(3+)O(OH)	120348	Kabolea, Katanga	Wards	Siegel 132
Heterogenite	Co(3+)O(OH)	120332	Kabolea, Katanga	Wards	Siegel 073
Heterogenite and Malachite	Co(3+)O(OH)	120333	Mindigi, Katanga	Wards	Siegel 070
Heterogenite var. Trieuite	Co(3+)O(OH)	120329	Star Mine, Lubumbashi (Elizabethville)	Wards	Siegel 029
Heterogenite, Chrysocolla	Co(3+)O(OH)	120328	Kambove, Katanga	Wards	Siegel 023
Heterosite		140121	Custer, S. Dakota	Watkins	Department 140121
Heterosite after Triphylite		140104	North Groton, New Hampshire	Wards	Department 140104
Heterosite w/qtz, and Mica		140122	Custer, S. Dakota	Watkins	Department 140122
Heulandite	(Na,Ca)2-3Al3(Al,Si)2Si13O36-12H2O	150510	Berufjord, Iceland	Howard Minerals	Belsky 2004 121
Heulandite		150360	Laumontite, Patterson, NJ		Department 150360

Heulandite	(Na,Ca)2-3Al3(Al,Si)2Si13O36-12H2O	150511	Val de Fassa, Italy	Howard Minerals	Belsky 2004 122
Heulandite		150179	Val Fasse, Italy	Wards	Department 150179
Heulandite and Mesolite		150376	Berufjord, Iceland	Howard Minerals	Department 150376
Heulandite Xls.		150383	Val De Fassa, Italy		Department 150383
Heulandite, Laumontite		150384	Patterson, NJ		Department 150384
Hexagonite		120264	Fowler, NY		Department 120264
Holmquistite		170091	Lac-Macartic, Quebec	Wards	Department 170091
Holmquistite		170092	Lac-Macartic, Quebec	Wards	Department 170092
Hornblende		170003	Spruce Pine, N. Carolina	Wards, W-116	Department 170003
Hornblende		170054	Verona, Ontario	Watkins	Department 170054
Hornblende		170073	near Treamble, Cornwall	Wards	Department 170073
Hornblende Crystal		170102	Lukov Bohemia, Czechoslovakia	Filer's	Department 170102
Hornblende in Andesite		170061	Czechoslovakia	Wards	Department 170061
Hornblende in Basalt		170064	CSR	Wards	Department 170064
Hornblende Schist		170020	Mitchell Co., N. Carolina	Wards	Department 170020
Huebnerite		140229	Black Bear Lake, Colorado		Department 140229
Huebnerite		140115	San Juan Co., Colorado	The Prospector's Shop	Department 140115
Humic Acid		100037	Falkenhau near Eger, Bohemia	Wards	Department 100037
Hyalite		190073	Spruce Pine, N. Carolina	Kittredge Mineral Supply Co.	Department 190073
Hyalite		190072	N. Dakota	Kittredge Mineral Supply Co.	Department 190072
Hyalophane	(K,Ba)Al(Si,Al)3O8	150485	Zagradski Brook, near Busovaca, Bosnia, Jugoslavia	Howard Minerals	Belsky 2004 097
Hydromagnesite		130434	Staten Island, New York		Department 130434
Hydro-Magnesite		130400	Red Mountain, Stanislaus Co., California		Department 130400
Hydromagnesite on Prismatic Dolomite		130272	Cedar Hill Quarry, Lancaster Co., OA	Col. 1973, R.V.	Department 130272
Hydromagnesite on Serpentine		130209	Spring Hill, Staten Island, NY	C.F. Buddenhagen, Gift	Department 130209
Hydromagnesite on Serpentine		130208	Spring Hill, Staten Island, NY	C.F. Buddenhagen, Gift	Department 130208
Hydrozincite		130237	Mapimi, Durango, Mexico		Department 130237
Hydrozincite Xls.		130484	Isfahan, Iran	Howard Minerals	Department 130484
Hypersthene		170045	Near Diamond Lake, Klamath Co., Oregon	Minerals Unlimited	Department 170045
Hypersthene		170078	Labrador, Canada	Wards	Department 170078
Hypersthene		170022	Lake Onatchiway, Quebec	Wards	Department 170022
Hypersthene		170021	Lake Saint John, Quebec	Wards	Department 170021
Hypersthene w/ Labradorite		150037	Nain, Labrador	Wards	Department 150037

Idocrase		180063	Crestmore, California	Wards	Department 180063
Idocrase (Vesuvianite)		180006	Crestmore, California	Wards, W-104	Department 180006
Idocrase (Vesuvianite)		180073	Dossi di Rosso, Francia val Malence, Piedmont, Ita	Wards	Department 180073
Idocrase (Vesuvianite) in Blue calcite		180078	Monte Monzoni, Fassa=Trento	Wards	Department 180078
Idocrase with Wollastonite		180101	Llano Co., Texas	Watkins	Department 180101
Ilmenite		120236	Iserwiese, Czech.		Department 120236
Ilmenite		120215	Nelson Co., Virginia		Department 120215
Ilmenite		120178	Washington, Conn	Gift of Thomas R. Fusto	Department 120178
Ilmenite		120052	Kragero, Norway	Wards	Department 120052
Ilmenite	Fe(+2)TiO3	120342	Kiandjo, Kivu	Wards	Siegel 173
Ilmenite		120193	Snarum, Norway		Department 120193
Ilmenite on Dolomite		120011	Ishpeming, Michigan	Wards W - 3	Department 120011
Ilmenite w/ Apatite (Nelsonite)		120037	Piney River, Virginia	Gift of R.T. Dodd, 1966	Department 120037
Ilvaite XI		190278	Rio Marina, Elba, Italy		Department 190278
Iodyrite		130181	Broken Hill, New South Wales, Australia	Filers	Department 130181
Iron in Basalt	Fe	100040	Buehl near Cassel, Germany	Wards	Department 100040
Jade		170033	British Columbia, Canada	Watkins	Department 170033
Jadeite		170023	Burma		Department 170023
Jadeite G		170110	Mendocino Co., California		Department 170110
Jadeite, A Mosaic		170110	San Benito Co., California		Department 170110
Jadeite, B		170110	San Benito Co., California		Department 170110
Jadeite, C		170110	San Benito Co., California		Department 170110
Jadeite, D		170110	San Benito Co., California		Department 170110
Jadeite, F		170110	Mendocino Co., California		Department 170110
Jadeite, H		170110	Burma		Department 170110
Jadeite, I		170110	Trinity Co., California		Department 170110
Jadeite. E		170110	San Benito Co., California		Department 170110
Jamesonite		110021	La Paz, Bolivia	Wards	Department 110021
Jarosite		140328	Butte, Montana		Department 140328
Jasper		150074	India	Watkins	Department 150074
Jasper		150114	Mexico	Watkins	Department 150114
Jasper		150055	Pleistocene River Gravels, Southwest Side of Windm		Department 150055
Jasper (Orbicular)	SiO2	150506	Madagascar	Howard Minerals	Belsky 2004 117
Jaspilite		120174	Ishpeming, Michigan	Mackinan Geological Supply	Department 120174

Jaspilite		120176	Wakefield, Michigan	Mackinan Geological Supply	Department 120176
Jaspilite		120155	Ishpeming, Michigan	Mackinan Geological Supply	Department 120155
Jeffersite, Clinochlore		160065			Department 160065
Kalinite		140165	Esmeralda Co., Nevada		Department 140165
Kammerite	(Mg, Fe(+2))5Al(Si3Al)O10(OH)8	160154	Erzerum, Turkey	Howard Minerals	Belsky 2000 189
Kammerite on Chromite Ore	(Mg, Fe(+2))5Al(Si3Al)O10(OH)8	160155	Kop, Erzerum, Turkey	Howard Minerals	Belsky 2000 188
Kaolin		160027	Dry Branch, Georgia		Department 160027
Kaolin		160001	Dry Branch, Georgia	Wards	Department 160001
Kaolinite		160028	Riverside Co., California		Department 160028
Kaolinite		160078	Georgia	Watkins	Department 160078
Kaolinite		160079	Mexico	Watkins	Department 160079
Kaolinite		160067	Rincon de Cerdeno, Guanajuato, Mexico	Southwest Scientific Co.	Department 160067
Katangite		195016	Kolwezi, Katanga	Howard Minerals	Belsky Display/Collection 108
Katangite (not an official name)		195004	Star Mine, Lubumbashi (Elizabethville)	Wards	Siegel 027
Kayanite and Staurolite	Al2SiO5	190357	Pizzo Forno, Switzerland	Howard Minerals	Belsky 2004 144
Kermesite	Sb2S2O	110380	Pezinok, Slovakia (Czechoslovakia)	Howard Minerals	Belsky 2002 020
Kernite		130080	California	Watkins	Department 130080
Kinoite	Ca2Cu(+2)2Si3O8(OH)4	180228	Christmas Mine, Arizona	Howard Minerals	Belsky Display/Collection 085
Kinoite	Ca2Cu(2+)2Si3O8(OH)4	180231	Christmas, Arizona	Howard Minerals	Belsky Display/Collection 092
Kinoite	Ca2Cu(+2)2Si3O8(OH)4	180232	Arizona?	Howard Minerals	Belsky Display/Collection 103
Kinoite		140340			Department 140340
Kinoite & Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	180217	Christmas Mine, Arizona	Howard Minerals	Belsky 2002 130
Kinoite & Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	180216	Christmas Mine, Arizona	Howard Minerals	Belsky 2002 129
Kinoite and Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	140435	Christmas Mine, Arizona	Howard Minerals	Belsky 2000 184
Kinoite and Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	180225	Christmas Mine, AZ	Howard Minerals	Belsky Display/Collection 005
Kinoite and Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	150514	Christmas Mine, Arizona	Howard Minerals	Belsky 2004 125
Kinoite w/ Apophyllite	Ca2Cu(+2)2Si3O8(OH)4	180229	Christmas Mine, Arizona	Howard Minerals	Belsky Display/Collection 087
Kinoite Xls. With Apaphyllite Xls.	Ca2Cu(+2)2Si3O8(OH)4	180230	Christmas Mine, Hayden, Arizona	Howard Minerals	Belsky Display/Collection 089
Klebensbergite	Sb(+3)4O4(OH)2(SO4)	140531	Pereta Mine, Tuscany, Italy	Howard Minerals	Belsky 2004 080

Koktaite		140392	Zastavka, Czechoslovakia	Howard Minerals	Department 140392
Kolweziite		195006	Musonoi Mine, Kolwezi, Katanga	Wards	Siegel 133
Kyanite		190051	Kenya	Wards	Department 190051
Kyanite		190298	Barnardsville, N. Carolina		Department 190298
Kyanite		190068	Spruce Pine, N. Carolina	Watkins	Department 190068
Kyanite		190267	Ogilvie, California		Department 190267
Kyanite		190049	Kenya	Wards	Department 190049
Kyanite		190075	Big Rock, Petaca Dist., Rio Arriba Co., NM	Southwest Mineral Supply	Department 190075
Kyanite		190050	Ogilby, Imperial Co., California		Department 190050
Kyanite		190185	Clarkesville, Georgia	Wards	Department 190185
Kyanite		190065	California	Watkins	Department 190065
Kyanite		190010	Clarkesville, Georgia	Wards	Department 190010
Kyanite		190198	Gastach, Tirol	Wards	Department 190198
Kyanite		190289	Ogliby, California		Department 190289
Kyanite in matrix		190066	K-D Mine, Quartzsite, Yuma Co., Arizona	Southwest Scientific Co.	Department 190066
Labradorite		150017	Essex County, NY	Wards, W-143	Department 150017
Labradorite		150047	Nain, Labrador		Department 150047
Labradorite		150018	Lake St. John, Quebec	Wards	Department 150018
Labradorite	An50-70	150408	Madagascar	Howard Minerals	Belsky 2000 066
Lace Agate	SiO2	150517	Locality Unknown	Howard Minerals	Belsky Display/Collection 006
Lapis Lazuli		150388			Department 150388
Lapis Lazuli	Na6Ca2Al6Si6O24(SO4), S, Cl, (OH)2	150407	Afghanistan	Howard Minerals	Belsky 2000 054
Lapis Lazuli (Hauyne)		150134	Chile	Watkins	Department 150134
Laterite (Rock)		195012	Katanga	Wards	Siegel 032
Laumonite and Calcite		150352	Grand Marais, Minn		Department 150352
Laumontite, Analcime, Apophyllite		150250	New Jersey		Department 150250
Lavendulan w/ Azurite and ?	NaCaCu(+2)5(AsO4)4Cl-5H2O	140498	Talmessi, Iran	Howard Minerals	Belsky 2002 101
Lawsonite		180069	Tiburon Peninsula, Marib County, California	Wards	Department 180069
Lazulite	MgAl2(PO4)2(OH)2	140448	Kafumba Mine, Maniema (District)	Wards	Siegel 083
Lazulite		140330	Graves Mt., Georgia		Department 140330
Lazurite		140190	Graves Mt, GA		Department 140190
Lazurite		140307	Graves Mt., Georgia		Department 140307
Lazurite	(Na,Ca)7-8(Al,Si)12(O,S)24[(SO4),Cl2,(OH)2]	150515	Badachistan, Afghanistan	Howard Minerals	Belsky 2004 126

Lazurite "Lapis"		150225	Badakshan, Afghanistan		Department 150225
Lazurite Xls (Lapis Lazuli)	(Na,Ca)7-8(Al, Si)12(O,S)24{(SO4),Cl2,(OH)2]	150476	Badachistan, Afghanistan	Howard Minerals	Belsky 2002 122
Legrandite		140410	Mapimi, Durango, Mexico		Department 140410
Legrandite	Zn2(AsO4)(OH)-H2O	140509	Mina Ojuela, Mapimi, Durango, Mexico	Howard Minerals	Belsky 2002 111
Legrandite		140200	Mina Ojuela, Mapimi, Durango, Mexico		Department 140200
Lepidolite		160030	Keystone, S. Dakota	Wards	Department 160030
Lepidolite		160061	Harding Pegmatite, New Mexico	Watkins	Department 160061
Lepidolite		160095	Keystone Black Hills, South Dakota	Wards	Department 160095
Lepidolite		160096	Greenlaw Quarry, Mt. Apatite, Maine	Wards	Department 160096
Lepidolite		160089	Western Australia	Wards	Department 160089
Lepidolite		160088	Keystone Black Hills, South Dakota	Wards	Department 160088
Lepidolite		160062	Custer, S. Dakota	Watkins	Department 160062
Lepidolite		160111	Portland, Conn.	Gift of Thomas R. Fusto	Department 160111
Lepidolite		160123			Department 160123
Lepidolite		160136	Leaf, Mt. Auburn, Maine		Department 160136
Lepidolite		160029	Gunnison Co., Colorado	Wards	Department 160029
Lepidolite		160013	Karibib, S.W.Africa	Wards	Department 160013
Lepidolite		160017	Peerless Mine, S. Dakota	Wards	Department 160017
Lepidolite (green) in Pegmatite		160101	Western Moravia, Czechoslovakia	Wards	Department 160101
Lepidolite in Pegmatite		160100	Western Moravia, Czechoslovakia	Wards	Department 160100
Lepidolite w/ Albite		160085	Custer, South Dakota	Watkins	Department 160085
Lepidolite w/ Rubellite tourmaline		160073	Stewart Mine, Near pala, San Diego Co., California	Minerals Unlimited	Department 160073
Leucite		150206	Roccomonfina, Rome, Italy	Allens Minerals	Department 150206
Leucite		150363	Frascati, Rome, Italy		Department 150363
Leucite		150022	Ciuita Castellana, Italy	Wards, W-145	Department 150022
Libethenite		140198	Lubietova (Libethen), Czechoslovakia	Howard Minerals	Department 140198
Libethenite		140396	Lubietova (Libethen), Czechoslovakia	Howard Minerals	Department 140396
Libethenite		140354	Lubietowa, Czechoslovakia (Libethen, Rumania)	Howard Minerals	Department 140354
Libethenite		140398	Libethen, Czechoslovakia	Howard Minerals	Department 140398
Libethenite		140177	Lubietova (Libethen), Czechoslovakia	Howard Minerals	Department 140177
Libethenite	Cu(+2)2(PO4)(OH)	140491	Mangulde, Beira-Alta, Portugal	Howard Minerals	Belsky 2002 094
Libethenite		140394	Lubietova (Libethen), Czechoslovakia	Howard Minerals	Department 140394
Libethenite	Cu(2)2(PO4)(OH)	130575	Kambove, Katanga	Wards	Siegel 181
Libethenite	Cu(+2)2(PO4)(OH)	140451	Kakanda, Katanga	Wards	Siegel 068

Libethenite on Chrysocolla		140280	Christmas Mine, Gila Co., Arizona	Howard Mienrals	Department 140280
Libethenite on Chrysocolla		140276	Christmas Mine, Gila Co., Arizona	Howard Minerals	Department 140276
Libethenite on Chrysocolla		140281	Christmas Mine, Gila Co., Arizona	Howard Minerals	Department 140281
Libethenite on Chrysocolla		140271	Christmas Mine, Gila Co., Arizona	Howard Minerals	Department 140271
Libethenite on Chrysocolla		140395	Christmas Mine, Christmas, Arizona	Howard Minerals	Department 140395
Libethenite on Chrysocolla		140282	Christmas Mine, Gila Co., Arizona	Howard Minerals	Department 140282
Libethenite on Chrysocolla	Cu(+2)2(PO4)(OH)	140441	Christmas Mine, Gila Co., Arizona	Howard Minerals	Belsky 2000 281
Libethinite on Chrysocolla		140323	Christmas Mine, Christmas, Arizona	Howard Minerals	Department 140323
Libthenite	Cu(+2)2(PO4)(OH)	140437	Christmas Mine, Arizona	Howard Minerals	Belsky 2000 239
Lignite Wood and Arundel Clay		100048	Patuxent Fm., L. Cretaceous, Prince Georges Co., M	C.F. Buddenhagen 1968	Department 100048
Limonite		120129	Location Unknown	Wards	Department 120129
Limonite		120135	Little Cove Point, Maryland	Wards	Department 120135
Limonite		120078	Caborca, Sonora, Mexico	Filer's	Department 120078
Limonite		120022	Bolton, Quebec	Wards W - 44	Department 120022
Limonite		120168	Three Lakes, Michigan	Mackinan Geological Supply	Department 120168
Limonite		120146	Mexico	Wards	Department 120146
Limonite		120023	Tuscaloosa County, Alabama	Wards	Department 120023
Limonite		120107	Lincolnville, Kansas	Filer	Department 120107
Limonite		120130	Russia	Wards	Department 120130
Limonite	FeO(OH)	120362	Balwanga, Kasai	Wards	Siegel 156
Limonite		120095	1/2 Mile West of Western Ave., and Westmoreland Ci	C.F. Buddenhagen, June 1965	Department 120095
Limonite		120099	Secondary ppt. In Pleistocene river sands, Calvert	C.F. Buddenhagen, 1967	Department 120099
Limonite		120083	Scotia, Pennsylvania	Watkins	Department 120083
Limonite		120124	Rio Marina, Elba Italy	Wards	Department 120124
Limonite		120154	Ohio Mine, Marquette Co., Michigan	Mackinan Geological Supply	Department 120154
Limonite		120039	Bessemer, Alabama	Gift of R.T. Dodd, 1966	Department 120039
Limonite		120117	Columbia Hill Mine, Pilgrims rest, Transvaal, Sout	Wards	Department 120117
Limonite		120119	Location Unknown	Wards	Department 120119
Limonite		120089	Lead, S. Dakota	Watkins	Department 120089
Limonite after Pyrite		120184	Arizona	D. Hoxie (Gift)	Department 120184
limonite and Hematite		120098	Tabler Dorm area, Stony Brook Campus	D.F. Reid	Department 120098
Limonite concretions in Pleistocene Sands		120096	Calvert Co., Camp Canoy, Maryland	Ed Escowitch, Oct. 1967	Department 120096

Limonite Cube		120232	New Mexico		Department 120232
Limonite of Selenite w/ Platnerite		120194		Crystal Cavern Minerals	Department 120194
Limonite pseudo after Marcasite	gen. term for hydrous iron oxides	120392	Richland Co., Wisconsin	Howard Minerals	Belsky Display/Collection 088
Limonite Xls.		120097	Belle Terre Beach	Stuart Birnbaum Oct. 1967	Department 120097
Limonite, Oolitic		120158	Australia	Mackinan Geological Supply	Department 120158
Limonite, Pseudopyrite		120299			Department 120299
Limonite, Psuedopyrite		120277	Smithe Co., VA		Department 120277
Linarite		140153	Hayden, Arizona		Department 140153
Linarite		120136	Hansonberg Dist., Socorro Co., New Mexico	The Prospector's Shop	Department 120136
Linarite		140227	Tintic Dist., Utah		Department 140227
Linarite and Malachite coating Galena Cube		120137	Hansonberg Dist., Socorro Co., New Mexico	The Prospector's Shop	Department 120137
Lizardite		160149	Snarum, Norway		Department 160149
Ludlamite	(Fe(+2), Mg, Mn(+2))3(PO4)2-4H2O	140522	Blackbird Mine, Cobalt, Idaho	Howard Minerals	Belsky 2004 071
Magnesite	MgCO3	130515	Pfischerjoch, Sudtirol	Howard Minerals	Belsky 2000 186
Magnesite		130154		Wards	Department 130154
Magnesite		130122	Custer, S.D.	Watkins	Department 130122
Magnesite		130104	Custer, S. Dakota	Watkins	Department 130104
Magnesite		130011	Stevens Co., Washington	Wards, W-59	Department 130011
Magnetite		120074			Department 120074
Magnetite	Fe(2+)Fe(3+)2O4	120384	Zillertal, Austria	Howard Minerals	Belsky 2004 026
Magnetite		120159	Champion, Michigan	Mackinan Geological Supply	Department 120159
Magnetite		120127	Traversella, Piedmont, Italy	Wards	Department 120127
Magnetite		120072			Department 120072
Magnetite		120004	Mineville, NY	Wards W _ 45	Department 120004
Magnetite		120086	Llano Co., Texas	Watkins	Department 120086
Magnetite		120005	Mineville, NY	Wards	Department 120005
Magnetite		120006	Lodestone, Magnet Cove, Arkansas	Wards	Department 120006
Magnetite	Fe2+Fe3+(2)O4	120371	Ceder City, Utah	Howard Minerals	Belsky 2002 027
Magnetite		120042	Forest of Dean Mine, Papolopen Quad, NY	Gift of R.T. Dodd, 1958	Department 120042
Magnetite		120248	Kennedy Range, Australia		Department 120248
Magnetite	Fe(2+)Fe(3+)2O4	120383	Black Rock, Utah	Howard Minerals	Belsky 2004 025
Magnetite		120082	Brazil, S. America	The Flourite Shop	Department 120082
Magnetite		120244	Dazkesan, Kazakhstan, USSR	Howard Minerals	Department 120244

Magnetite		120034	Forest of Dean Mine, U.S. Milit Rd., NY		Department 120034
Magnetite		120040	Cranberry, NC	Gift of R.T. Dodd, 1960	Department 120040
Magnetite		120161	Champion, Michigan	Mackinan Geological Supply	Department 120161
Magnetite - Carbonate Ore		120160	Empire Mine, Marquette Co., Michigan	Mackinan Geological Supply	Department 120160
Magnetite - Sillicate Ore		120157	Empire Mine, Marquette Co., Michigan	Mackinan Geological Supply	Department 120157
Magnetite & Aragonite		120222	Cedar City, Utah		Department 120222
Magnetite (ore) w/ Quartz - albite		120044	Scrub Oaks Mine, Andover, NJ	Gift of R.T. Dodd, 1960	Department 120044
Magnetite and Ulvospinel		120067	La, Blache, Quebec	Gift of A.T. Anderson Jr.	Department 120067
Magnetite Silicate		120175	Palmer, Michigan	Mackinan Geological Supply	Department 120175
Magnetite var. Lodestone		120094	Magnet Cove, Arkansas	The Prospectors Shop	Department 120094
Magnetite w/ Chalcopyrite		120073			Department 120073
Magnetite w/ Pyrite		120166	Champion, Michigan	Mackinan Geological Supply	Department 120166
Magnetite xled.	Fe(2+)Fe(3+)2O4	120357	Plain of Lufunfu, Katanga	Wards	Siegel 153
Magnetite Xls.		120100	In Catoctin Greenstone, Precambrian metabasalt, al	C.F. Buddenhagen	Department 120100
Magnetite, Malachite		120208	Pennsylvania		Department 120208
Malachite		130402	Arizona		Department 130402
Malachite		130282			Department 130282
Malachite		130174	Mohawk, Michigan	Mackinan Geological Supply	Department 130174
Malachite		130313			Department 130313
Malachite		130367	Zacatecas, Mexico	Howard Minerals	Department 130367
Malachite	Cu(+2)2(CO3)(OH)2	130568	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 017
Malachite		130439			Department 130439
Malachite	Cu(+2)2(CO3)(OH)2	130238	Mexico		Belsky Display/Collection 054
Malachite	Cu(+2)2(CO3)(OH)2	130621	Zacatescas, Mexico	Howard Minerals	Belsky 2002 056
Malachite		130143	Katanga District, Congo	Wards	Department 130143
Malachite		130491			Department 130491
Malachite		130242	Onganja, Namibia		Department 130242
Malachite	Cu(+2)2(CO3)(OH)2	130585	Musonoi Mine, Kolwezi, Katanga	Wards	Siegel 198
Malachite	Cu(+2)2(CO3)(OH)2	130592	Kambove, Katanga	Wards	Siegel 205
Malachite		130407	Zacatecas, Mexico	Howard Minerals	Department 130407
Malachite		130331	Zacatecas, Mexico		Department 130331
Malachite		130312	Bisbee, Arizona		Department 130312
Malachite		130130	Congo	Aspen Lapidary Comp.	Department 130130

Malachite	Cu(+2)2(CO3)(OH)2	130675	Zaire	Howard Minerals	Belsky Display/Collection 020
Malachite		130349			Department 130349
Malachite		130246	Mexico		Department 130246
Malachite		130017	Chihuahua, Mexico	Wards, W-68	Department 130017
Malachite		130447	Zacatecas, Mexico	Howard Minerals	Department 130447
Malachite	Cu(+2)2(CO3)(OH)2	130644	Zacatecas, Mexico	Howard Minerals	Belsky 2004 035
Malachite	Cu(+2)2(CO3)(OH)2	130579	Kakanda, Katanga	Wards	Siegel 195
Malachite & Quartz	Cu(+2)2(CO3)(OH)2	130637		Howard Minerals	Belsky 2002 079
Malachite after Azurite		130299	Tsumeb, S.W.Africa		Department 130299
Malachite after Azurite, pseudomorph	Cu(+2)2(CO3)(OH)2	130676	Tsumeb, Namibia	Howard Minerals	Belsky Display/Collection 097
Malachite and Azurite		130293	Metcalf Mine, Morenci, Arizona	Howard Minerals	Department 130293
Malachite and Azurite		130241			Department 130241
Malachite and Azurite		110265	Bisbee, Arizona		Department 110265
Malachite and Azurite		130359	Metcalf Mine, Morenci, Arizona	Howard Minerals	Department 130359
Malachite and Azurite		130342	Metcalf Mine, Morenci, Arizona	Howard Minerals	Department 130342
Malachite and Azurite for Micro mounts		130467	Metcalf Mine, Morenci, Arizona	From the Collection of Howard Belsky	Department 130467
Malachite and Diopase, fibrous	Cu(+2)2(CO3)(OH)2	130588	Ruwe, Katanga	Wards	Siegel 203
Malachite and Quartz		130356	Schulenburg, Harz, Germany	Howard Minerals	Department 130356
Malachite and Quartz		130344	Zacatecas, Mexico	Howard Minerals	Department 130344
Malachite Colored Quartz		130496	Black Pune Mine, Grante Co., Mont		Department 130496
Malachite Crystalline Mass	Cu(+2)2(CO3)(OH)2	130591	Musonoi Mine, Kolswzi, Katanga	Wards	Siegel 204
Malachite Eye	Cu(+2)2(CO3)(OH)2	130590	Kambove, Katanga	Wards	Siegel 188
Malachite needles on Wad	Cu(+2)2(CO3)(OH)2	130574	Luiswishi, Katanga	Wards	Siegel 185
Malachite on Calcite		130216	Tsumeb, S.W.Africa		Department 130216
Malachite on Cerussite	Cu(+2)2(CO3)(OH)2	130581	Luiswishi, Katanga	Wards	Siegel 200
Malachite on Shattuckite	Cu(+2)2(CO3)(OH)2	130589	Tantara, Katanga	Wards	Siegel 209
Malachite Pseudo. After Cuprite	Cu(+2)2(CO3)(OH)2	130646	Onganja, S.W.Africa	Howard Minerals	Belsky 2004 037
Malachite pseudomorph after Barite	Cu(+2)2(CO3)(OH)2	130587	Shangalowe, Katanga	Wards	Siegel 197
Malachite psuedomorphed after Azurite	Cu(+2)2(CO3)(OH)2	130622	Chebaka Sidi Said, Medelt, Morocco	Howard Minerals	Belsky 2002 057
Malachite Stalactites	Cu(+2)2(CO3)(OH)2	130584	Kolwezi, Katanga	Wards	Siegel 190
Malachite Stalactites	Cu(+2)2(CO3)(OH)2	130576	Kakanda, Katanga	Wards	Siegel 189

Malachite w/ Shattuckite and Plancheite	Cu(+2)2(CO3)(OH)2	130597	Kamoya, Katanga	Wards	Siegel 210
Malachite with Chrysocolla	Cu(+2)2(CO3)(OH)2	130583	Likasi Mine, Jadotville, Ktanga	Wards	Siegel 202
Malachite with Heterogenite & Chrysocolla	Cu(+2)2(CO3)(OH)2	130593	Kabolea, Katanga	Wards	Siegel 201
Malachite Xls., For Micro Mounts		130494	Zacatecas, Mexico	From the Collection of Howard Belskey	Department 130494
Malachite, ?	Cu(+2)2(CO3)(OH)2	130642	Zacatecas, Mexico	Howard Minerals	Belsky 2004 033
Manganese		120172	Negaunee, Michigan	Mackinan Geological Supply	Department 120172
Manganese Cement		100051	Choptank Fm., Baltimore Gas and Elec, Lusby Maryla	C.F. Buddenhagen 1968	Department 100051
Manganese Nodules		100054	Unknown	Gift, Smithsonian	Department 100054
Manganiferous Iron Formation		100053	Crosby, Minnesota	Mackinan Geological Supply	Department 100053
Manganite		120224	Sugar Grove, Virginia		Department 120224
Manganite		120238	Polk Co., Tennessee		Department 120238
Mangesite		130137	Ratkoszuha, Comitar Gomor, Hungary	Wards	Department 130137
Marble (Rock)	CaCO3	130577	Kenge, Katanga	Wards	Siegel 140
Marcasite	FeS2	110400	Beresov, Czechoslovakia	Howard Minerals	Belsky Display/Collection 015
Marcasite		110055	Missouri	Watkins	Department 110055
Marcasite		110106	Glacial Debris, Montauk Pt., NY	C.F. Buddenhagen Sept. 1968	Department 110106
Marcasite		110061	Alvoro, Texas	Watkins	Department 110061
Marcasite		110035	Dundas, Ontario	Wards	Department 110035
Marcasite		110057	Bowling Green, Ohio	Watkins	Department 110057
Marcasite	FeS2	110181	Mielthausen, Germany		Belsky Display/Collection 044
Marcasite		110031	Ottawa County, Oklahoma	Wards	Department 110031
Marcasite Ball		110266	Melrose Iowa		Department 110266
Marcasite concretions w./lignite		110046	Magothy Fm., Upper Cretaceous, Keyport Quad. S.sh	Buddenhagen, April 1967	Department 110046
Marcasite in Lignite Wood		110103	Arundel Clay, Patuxent Fm., Prince Georges Co., Md	C. F. Buddenhagen 1968	Department 110103
Marcasite Nodule	FeS2	110345	Champagne, France	Howard Minerals	Belsky 2000 286
Marcasite Nodule	FeS2	110321	Champagne, France	Howard Minerals	Belsky 2000 068
Marcasite Nodule	FeS2	110319	Champagne, France	Howard Minerals	Belsky 2000 058
Marcasite Nodule	FeS2	110318	Calais, France	Howard Minerals	Belsky 2000 057

Marcasite Nodule Pairs	FeS2	110327	Rheims, Champagne France	Howard Minerals	Belsky 2000 171
Marcasite on Dolomite		110014	Racine, Wisconsin	Wards W 21	Department 110014
Marcasite on Quartz	FeS2	110324	Bou M'Adine, Morocco	Howard Minerals	Belsky 2000 147
Marcasite on Quartz	FeS2	110325	Tisnit, Morocco	Howard Minerals	Belsky 2000 148
Marcasite Spherulites		110102	Dallas, Texas	Watkins	Department 110102
Marcasite, Calcite		130289	Naica, Chihuahua, Mexico		Department 130289
Margarite		160012	Chester, Mass	Wards	Department 160012
Margarite		160031	Chester, Mass.	Wards	Department 160031
Martite		120050	Twin Peaks, Millard Co., Utah	Wards	Department 120050
Martite		120167	Marquette Co., Michigan	Mackinan Geological Supply	Department 120167
Martite	Fe2O3	120334	Kolwezi, Katanga	Wards	Siegel 094
Martite Xled.	Fe2O3	120335	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 010
Meionite (Scapolite)		150226	Otter Lake, Quebec		Department 150226
Meionite, Scapolite		190287	Bear lake, Quebec		Department 190287
Melanite Garnet	Ca3Fe(+3)2(SiO4)3	190370	San Benito City, California	Howard Minerals	Belsky Display/Collection 090
Melanite Garnets		190354	Russia	Howard Minerals	Belsky 2004 141
Mercury	Hg	100015	Socrates Mine, Sonoma Co., CA	Wards	Department 100015
Mercury	Hg	100039	California	Wards	Department 100039
Mercury, Native	Hg	100062	Terlingua, Texas		Belsky Display/Collection 032
Mesolite		150191	Wren Co., Oregon	The Prospector's Shop	Department 150191
Mesolite		160126	Mineral County, Colorado		Department 160126
Mesolite (Fibrous)		160125			Department 160125
Mesolite Xls	Na2Ca2Al6Si9O30-8H2O	150513	Khadakvasla (Pashan), Poona District, India	Howard Minerals	Belsky 2004 124
Mesolite Xls.		160130	Hvalfjord, Iceland	Howard Minerals	Department 160130
Meta-cinnabar		110271	Klau Dist. California		Department 110271
Metahewetite		140390	Mesa #1, Lukachukai Mtns., Arizona	Howard Minerals	Department 140390
Metavariscite		140368	Fairfield, Utah		Department 140368
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160164	New Hampshire	Howard Minerals	Belsky 2000 300
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160182	New Hampshire	Howard Minerals	Belsky 2000 312
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160181	New Hampshire	Howard Minerals	Belsky 2000 313
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160180	New Hampshire	Howard Minerals	Belsky 2000 314
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160175	New Hampshire	Howard Minerals	Belsky 2000 319
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160177	New Hampshire	Howard Minerals	Belsky 2000 318
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160174	New Hampshire	Howard Minerals	Belsky 2000 320

Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160167	New Hampshire	Howard Minerals	Belsky 2000 317
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160161	New Hampshire	Howard Minerals	Belsky 2000 310
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160179	New Hampshire	Howard Minerals	Belsky 2000 315
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160165	New Hampshire	Howard Minerals	Belsky 2000 306
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160169	New Hampshire	Howard Minerals	Belsky 2000 325
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160159	New Hampshire	Howard Minerals	Belsky 2000 305
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160171	New Hampshire	Howard Minerals	Belsky 2000 323
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160172	New Hampshire	Howard Minerals	Belsky 2000 322
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160178	New Hampshire	Howard Minerals	Belsky 2000 316
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160160	New Hampshire	Howard Minerals	Belsky 2000 307
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160157	New Hampshire	Howard Minerals	Belsky 2000 304
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160162	New Hampshire	Howard Minerals	Belsky 2000 303
Mica		160137	Marilac, MG	Carlos P. Barbosa	Department 160137
Mica		160138			Department 160138
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160176	New Hampshire	Howard Minerals	Belsky 2000 311
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160183	New Hampshire	Howard Minerals	Belsky 2000 302
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160163	New Hampshire	Howard Minerals	Belsky 2000 308
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160158	New Hampshire	Howard Minerals	Belsky 2000 301
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160168	New Hampshire	Howard Minerals	Belsky 2000 326
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160170	New Hampshire	Howard Minerals	Belsky 2000 324
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160173	New Hampshire	Howard Minerals	Belsky 2000 321
Mica	XY2-3Z4O10(OH, F)2 or XY3Si4O12	160156	New Hampshire	Howard Minerals	Belsky 2000 309
Mica, Biotite in Peristerite		160060	Bancroft, Ontario, Canada	The Fluorite Shop	Department 160060
Mica, Ruby		160146	Custer, South Dakota		Department 160146
Microcline		150279	Pikes Peak, Colorado		Department 150279
Microcline		150218	Colorado		Department 150218
Microcline		150054	Near Keystone, S. Dakota	Wards	Department 150054
Microcline		150071	Custer, S. Dakota	Watkins	Department 150071
Microcline		150012	Perth, Ontario	Wards	Department 150012
Microcline		150057	Crystal Peak, Colorado	Wards	Department 150057
Microcline		150073	Custer, S.Dakota	Watkins	Department 150073
Microcline		150011	Florissant, Colorado	Wards, W-140	Department 150011
Microcline		150072	Ontario	Watkins	Department 150072
Microcline		150092	Custer, S. Dakota	Watkins	Department 150092
Microcline		150274	Ontario, Canada		Department 150274
Microcline		150039	Keystone, S.Dakota	Wards	Department 150039

Microcline		150038	Crystal Peak, Colorado	Wards	Department 150038
Microcline		150048	Parry Sound, Ontario	Wards	Department 150048
Microcline		150078	Custer, S. Dakota	Watkins	Department 150078
Microcline		150081	Crystal Peak, Colorado	Wards	Department 150081
Microcline		150077	Custer, S. Dakota	Watkins	Department 150077
Microcline	KAISi3O8	150509	Pikes Peak, Colorado	Howard Minerals	Belsky 2004 120
Microcline (Amazonstone)		150093	Pikes Peak, Colorado		Department 150093
Microcline (twinned)		150059			Department 150059
Microcline (twinned)		150050	California	Filers	Department 150050
Microcline var. Amazonite		150106	Silas Moore Field Mine, Amelia Courthouse, Virgini	Minerals Unlimited	Department 150106
Microcline var. Amazonite		150174	Rhodesia	Wards	Department 150174
Microcline var. Amazonstone		150013	Amelia Court House, Virginia	Wards, W-141	Department 150013
Microcline var. Amazonstone		150166	Near Florissant, Colorado	Wards	Department 150166
Microcline var. Amazonstone		150268	Madagascar		Department 150268
Microcline with Fluorite and Sericite (Pegmatite)		150097	Gold Is., Saganaga Lake, Minnesota, Cooke CO. (San	S.S. Goldich	Department 150097
Microlite		120216	Amelia Court House, VA		Department 120216
Microlite	(Ca,Na)2Ta2O6(O,OH,F)	120323	Katumba, Ruanda Urundi	Wards	Siegel 092
Microlite	(Ca,Na)2Ta2O6(O,OH,F)	120354	Mapembe, Ituri	Wards	Siegel 158
Microperthite		150126	Verona, Ontario	Watkins	Department 150126
Millerite		110256			Department 110256
Millerite		110203	Kladno, Bohemia, Czechoslovakia	Howard Minerals	Department 110203
Millerite		110212	Halls Gap, Kentucky		Department 110212
Millerite	NiS	110393	Hoopeston, Ill.	Howard Minerals	Belsky 2004 019
Millerite		110048	Lancaster Co. Penn.	W.H. Bean	Department 110048
Millerite and Chalcopyrite		110007	Temagami, Ontario	Wards W-15	Department 110007
Millerite in Calcite		110236	Mo		Department 110236
Millerite Xls.		110208	Halss Gap, Kentucky	Howard Minerals	Department 110208
Mimetite		140348	Tsumeb, S.W.Africa	Howard Minerals	Department 140348
Mimetite		140262	Tsumeb, S.W.Africa		Department 140262
Mimetite		140411	Tsumeb, Namibia		Department 140411
Mimetite		140257	Tsumeb, S.W. Africa	Howard Minerals	Department 140257
Mimetite		140145	Theba, Arizona	S. J. Guggenheim	Department 140145
Mimetite		140246	Tsumeb, Namibia		Department 140246
Mimetite	Pb5(AsO4)3Cl	140520	Tsumeb, South West Africa	Howard Minerals	Belsky 2004 069

Mimetite	Pb5(AsO4)3Cl	140546	Santa Eualia, Mexico	Howard Minerals	Belsky Display/Collection 101
Mimetite		140268	Chihuahua, Mexico	Howard Minerals	Department 140268
Mimetite		140275	Chihuahua, Mexico	Howard Minerals	Department 140275
Mimetite and Dolomite	Pb5(AsO4)Cl	140443	Tsumeb, SW Africa	Howard Minerals	Belsky 2000 251
Mimetite on Limestone		140138	Chihuahua, Mexico	Watkins	Department 140138
Mimetite Xls.		140274	Tsumeb, S.W.Africa	Howard Minerals	Department 140274
Mimitite	Pb5(AsO4)3Cl	140439	Santa Eulalia	Howard Minerals	Belsky 2000 272
Mimtitite	Pb5(AsO4)3Cl	140503	STE Eulalia, Chihuahua, Mex	Howard Minerals	Belsky 2002 106
Mindigite = Heterogenite	Co(3+)O(OH)	120341	Mindigi, Katanga	Wards	Siegel 175
Mineral Coal		100120	Vernal, Utah	Howard Minerals	Belsky Display/Collection 095
Minium	Pb(+2)Pb(+4)O4	120385	Commercial Quarry, Crestmore, Riverside Co., Ca.	Howard Minerals	Belsky 2004 027
Mixite		140372	Moldavia, Czech.		Department 140372
Mn & Fe Dendrites		120390	Solnhofen Limestone, Bavaria, West Germany	Howard Minerals	Belsky 2000 354
Mn & Fe Oxide Dendrites		120389	Solnhofen, Germany	Howard Minerals	Belsky 2004 128
Mohawkite		140421	Mohawk Mine, Michigan	Howard Minerals	Belsky 2000 060
Molybdenite		110254			Department 110254
Molybdenite		110016	Tenterfield, New South Wales	Wards W-23	Department 110016
Molybdenite		110214			Department 110214
Molybdenite		110229	Molly Hill, Quebec Canada		Department 110229
Molybdenite		110267	Broken Hill, N.S.W. Australia		Department 110267
Molybdenite		110030	Climax, Colorado	Wards	Department 110030
Molybdenite		110240	Otter Lake, Quebec		Department 110240
Molybdenite		110111	Champion, Michigan	Mackinan Geological Supply	Department 110111
Monazite	(Ce,La,Nd,Th)PO4	140447	Mitwaba, Katanga	Wards	Siegel 071
Monazite		140026	Petaca, Rio Arriba Co., New Mexico		Department 140026
Monazite	(Ce,La,Nd,Th)PO4	140457	Shinkolobwe Mine, Katanga	Wards	Siegel 090
Monazite		140086	Ilk Mountain, New Mexico	Prospector's Shop	Department 140086
Montgomeryite	Ca4MgAl4(PO4)6(OH)4-12H2O	140436	Tip Top Mine, Custer, South Dakota	Howard Minerals	Belsky 2000 236
Monticellite		190041	Crestmore, California	Wards	Department 190041
Montmorillonite		160144	Maine		Department 160144
Montmorillonite		160057	Lead, S. Dakota	Watkins	Department 160057
Montmorillonite var. Bentonite		160107	Mexico	Watkins	Department 160107
Montroydite		120254	Sonoma, Co., Calif.		Department 120254

Moonstone (Clear Feldspar)		150152	Location Unknown	American Gem and Minerals	Department 150152
Morganite		180083	Brazil	Walter E. Johansen	Department 180083
Moss Agate		150266	S. Dakota	Collection of A. Hoffman	Department 150266
Mottramite	PbCu(+2)(VO4)(OH)	140492	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 095
Muscovite	KAl2(Si3Al)O10(OH,F)2	160124	Shelbyville, NC		Belsky Display/Collection 079
Muscovite		160070	India	Wards	Department 160070
Muscovite		160143			Department 160143
Muscovite		160119			Department 160119
Muscovite		160120	Switzerland		Department 160120
Muscovite		160039	Palermo Mine, NH	R.T.Dodd, 1966	Department 160039
Muscovite		160043	Morehouse Mine, Amelia, Virginia	C.F. Buddenhagen	Department 160043
Muscovite		160140			Department 160140
Muscovite		160092	Lincoln Co., N. Carolina	Wards	Department 160092
Muscovite	KAl2(Si3Al)O10(OH,F)2	160185	Shabunda, Katanga	Wards	Siegel 174
Muscovite		160063	Custer, S. Dakota	Watkins	Department 160063
Muscovite		160009	Effingham Township, Ontario		Department 160009
Muscovite in Pegmatite		160064	Moorehouse Mine, Amelia, Virginia	C.F. Buddenhagen	Department 160064
Muscovite var. Fuchsite on Zoisite		160114	Near red Mtn., Inyo County, California	Filer's	Department 160114
Muscovite w/ Spodumene		160099	Harding, New Mexico	Wards	Department 160099
Muscovite with Quartz		160083	Custer, South Dakota	Watkins	Department 160083
Nadorite		140134	Nador, Algeria	Filers	Department 140134
Natrolite		150323			Department 150323
Natrolite		150264	Bound Brook Q, Chimney Rock, NJ		Department 150264
Natrolite		150351			Department 150351
Natrolite		150312	Maraldsweisach, West Germany	Howard Minerals	Department 150312
Natrolite		190277	Bound Brook Quarry, Chimney, Rock, NJ		Department 190277
Natrolite		150375	Bound Brook, Somerset Co., New Jersey	Howard Minerals	Department 150375
Natrolite		150147	Livingston, Montana	Schormann's Minerals	Department 150147
Natrolite		150322	Perbomensville, PA		Department 150322
Natrolite	Na2Al2Si3O10-2H2O	150417	Bound Brook Quarry, Chimney Rock, NJ	Howard Minerals	Belsky 2000 169
Natrolite		150328	Bound Brook, NJ	Howard Minerals	Department 150328
Natrolite		150252	Bound Brook Q, Chimney Rock, NJ		Department 150252
Natrolite		150289			Department 150289
Natrolite		150234	Bound Brook Q, Chimney Rock, NJ		Department 150234
Natrolite and Prehnite		150162	Bergen Hill, Peterson, NJ	Wards	Department 150162

Nepheline		150220	Bancroft, Ontario, Canada		Department 150220
Nepheline		150023	Dungannon Township, Ontario	Wards, W-146	Department 150023
Nepheline		150024	Bancroft, Ontario	Wards	Department 150024
Nepheline		150141	Bancroft, Ontario	Watkins	Department 150141
Nepheline		150137	Bancroft, Ontario	Watkins	Department 150137
Nepheline		150177	Capo di Bove, Appian Way, Rome, Italy	Wards	Department 150177
Nepheline Syenite (Rock)	(Na,K)AlSiO4	195009	Lueshe, Northern Kivu	Wards	Siegel 038
Nephrite Jade (J)		170110	Mendocino Co., California		Department 170110
Nephrite Jade, K		170110	Mendocino Co., California		Department 170110
Nephrite Jade, L		170110	Mendocino Co., California		Department 170110
Nephrite Jade, M		170110	Mendocino Co., California		Department 170110
Nephrite Jade, N		170110	Fremont Co., Wyoming		Department 170110
Nephrite Jade, O		170110	Fremont Co., Wyoming		Department 170110
Nephrite Jade, Q		170110	Mariposa Co., California		Department 170110
Nephrite Jade, R		170110	Mariposa Co., California		Department 170110
Nephrite Jade, S		170110	Trinity Co., California		Department 170110
Nephrite Jade, T		170110	Trinity Co., California		Department 170110
Nephrite Jade, V		170110	Butte Co., California		Department 170110
Nephrite Jade, X		170110	Sonoma Co., California		Department 170110
Nephrite Jade, Y		170110	Fraser River, BC		Department 170110
Neptunite	KNa2Li(Fe,Mn)2TiO2(Si4O12)2	170205	San Benito Co.,Ca	Howard Minerals	Belsky 2004 133
Neptunite Xls,w/sm brn Joaquinite Xls.on Natrolite		180093	Gem Mine, San Benito Co., California	Filers	Department 180093
Nickel - Skutterudite w/ Flourite & Qtz.		110262	Grube Vater - Abraham, Lauta Bei marinberg, Erzgeb	Howard Minerals	Department 110262
Nickeliferous Malachite	Cu(+2)2(CO3)(OH)2	130582	Kasompi, Katanga	Wards	Siegel 199
Nickeline		110221	Eisleben, Thuringen, Germany		Department 110221
Nickeline		110151	Eisleben, Thuring, W. Germany		Department 110151
No label		140308			Department 140308
No Label		150373			Department 150373
No Sample		140369	Prob. Never assigned (DHL		Department 140369
No Sample		100064	Prob. Never assigned (DHL)		Department 100064
No Sample		120196	Prob. Never assigned (DHL		Department 120196
No Sample		160134	Prob. Never assigned (DHL		Department 160134
No Sample		120199	Prob. Never assigned (DHL		Department 120199
No Sample		160128	Prob. Never assigned (DHL		Department 160128

No Sample		150254	Prob. Never assigned (DHL		Department 150254
No Sample		110242	Prob. Never assigned (DHL		Department 110242
No Sample		140220	Prob. Never assigned (DHL		Department 140220
No Sample		100093	Prob. Never assigned (DHL)		Department 100093
No Sample		120225	Prob. Never assigned (DHL		Department 120225
No Sample		130222	Prob. Never assigned (DHL		Department 130222
NOT Heulandite or celestite		150329	2 labels in box - both wrong! (DHL)		Department 150329
Nothing		100036	Labeled as not used	I don't know why	Department 100036
Novaculite		150135	Ouachita Mtns., Arkansas	Watkins	Department 150135
Novaculite		150117	Ouachita Mts, Arkansas	Watkins	Department 150117
Novaculite		150118	Ouachita Mts., Arkansas	Watkins	Department 150118
Obsidian (rainbow)		195000	Guedalahara, Mexico	Howard Minerals	Belsky 2002 141
Obsidian (rainbow)		195001		Howard Minerals	Belsky 2002 142
Ogdensburgite	Ca ₂ (Zn,Mn(+2))Fe(+3) ₄ (AsO ₄) ₄ (OH) ₆ -6H ₂ O	140523	960 Stope, 340' Level, S.H. Mine, Ogdensburg, NJ	Howard Minerals	Belsky 2004 072
Okanoganite	(Na,Ca) ₃ (Y,Ce) ₁₂ Si ₆ B ₂ O ₂₇ F ₁₄	190360	Okanogan Co., Washington	Howard Minerals	Belsky 2004 147
Oligoclase		150127	Verona, Ontario	Watkins	Department 150127
Oligoclase		150016	Kragero, Norway	Wards	Department 150016
Oligoclase var. Sunstone		150019	Tuedestrand, Norway	Wards	Department 150019
Oligoclase var. Sunstone		150146	Bordam, Bamble, Norway	Wards	Department 150146
Oligoclase var. Sunstone		150040	Tvendestrand, Norway	Wards	Department 150040
Oligoclase var. Sunstone		150104	India	Minerals Unlimited	Department 150104
Olivenite Xls.		140187	Wheal Gorland, St. Day, Cornwall, England	Howard Minerals	Department 140187
Olivine	(Mg,Fe) ₂ SiO ₄	190367	Locality Unknown	Howard Minerals	Belsky Display/Collection 022
Olivine		190040	Twin Sisters Range, Washington	Wards	Department 190040
Olivine		190003	Jackson County, N. Carolina	Wards, W-91	Department 190003
Olivine		190182	Spruce Pine, North Carolina	Watkins	Department 190182
Olivine		190001	San Carlos, New Mexico	Wards	Department 190001
Olivine		190279			Department 190279
Olivine in Basalt		190187	Lessini, Verona, Italy	Wards	Department 190187
Olivine var. Peridot		190210		Wards	Department 190210
Olivine, dunite		190002	Jackson County, N. Carolina	Wards	Department 190002
Opal		150181	Opal Mtns., San Bernardino, California	Wards	Department 150181
Opal		150145	Virgin Valley, Humboldt Co., Nevada	Wards	Department 150145
Opal		150075	Falln, Nevada	Watkins	Department 150075

Opal		150171	Virgin Valley, Nevada	Wards	Department 150171
Opal		150080	Llano Co., Texas	Watkins	Department 150080
Opal		150170	Lightning Ridge, South Australia	Wards	Department 150170
Opal		150217	Mexico		Department 150217
Opal		150143	Tepezzala, Mexico	Wards	Department 150143
Opal	SiO2-nH2O	150519	Mexico	Howard Minerals	Belsky Display/Collection 014
Opal	SiO2-nH2O	150409	Valec, Czechoslovakia	Howard Minerals	Belsky 2000 071
Opal		150109	Australia	Watkins	Department 150109
Opal		150116	Wyoming	Watkins	Department 150116
Opal With Cinnabar		150113	Fallon, Nevada	Watkins	Department 150113
Opals, Fire		150085	Mt. Shasta, California	Lester Lea	Department 150085
Opicalcite		130037	Essex Co., NY	Wards	Department 130037
Optical Fluorite Yellow		130091	So. Ill.	Clements	Department 130091
Optical Fluorite Yellow		130090	So. Ill.	Clements	Department 130090
Orbicular Jasper	SiO2	150431	Madagascar	Howard Minerals	Belsky 2000 243
Orpiment	As2S3	110370	Kirgizstan, USSR	Howard Minerals	Belsky 2002 010
Orpiment		110081	Gatchell Mine, near Colconda, Humboldt Co., Nevada	Minerals Unlimited	Department 110081
Orpiment		110217	Alchar, Macedonia, Greece		Department 110217
Orpiment		110247	Kirgizstan, USSR	Howard Minerals	Department 110247
Orpiment		110122	Getchel Mine, humboldt Co. Nevada	S. J. Guggenheim - 1971	Department 110122
Orpiment		110060	Nevada	Watkins	Department 110060
Orpiment w/Realgar		110011	Manhattan, Nevada	Wards W -18	Department 110011
Orthoclase	KAISi3O8	150442	Arizona	Howard Minerals	Belsky 2000 340
Orthoclase	KAISi3O8	150443	Arizona	Howard Minerals	Belsky 2000 339
Orthoclase	KAISi3O8	150454	Arizona	Howard Minerals	Belsky 2000 337
Orthoclase	KAISi3O8	150446	Arizona	Howard Minerals	Belsky 2000 336
Orthoclase	KAISi3O8	150439	Arizona	Howard Minerals	Belsky 2000 335
Orthoclase	KAISi3O8	150444	Arizona	Howard Minerals	Belsky 2000 338
Orthoclase	KAISi3O8	150457	Arizona	Howard Minerals	Belsky 2000 344
Orthoclase	KAISi3O8	150441	Arizona	Howard Minerals	Belsky 2000 341
Orthoclase	KAISi3O8	150458	Arizona	Howard Minerals	Belsky 2000 352
Orthoclase	KAISi3O8	150440	Arizona	Howard Minerals	Belsky 2000 342
Orthoclase	KAISi3O8	150456	Arizona	Howard Minerals	Belsky 2000 343
Orthoclase	KAISi3O8	150463	Arizona	Howard Minerals	Belsky 2000 347

Orthoclase	KAISi3O8	150465	Arizona	Howard Minerals	Belsky 2000 349
Orthoclase	KAISi3O8	150461	Arizona	Howard Minerals	Belsky 2000 348
Orthoclase	KAISi3O8	150447	Arizona	Howard Minerals	Belsky 2000 345
Orthoclase	KAISi3O8	150462	Arizona	Howard Minerals	Belsky 2000 346
Orthoclase	KAISi3O8	150448	Arizona	Howard Minerals	Belsky 2000 334
Orthoclase	KAISi3O8	150460	Arizona	Howard Minerals	Belsky 2000 350
Orthoclase	KAISi3O8	150455	Arizona	Howard Minerals	Belsky 2000 353
Orthoclase		150041	Ampandrandara, Madagascar		Department 150041
Orthoclase		150151	Goodsprings, Nevada	Schormann's Minerals	Department 150151
Orthoclase	KAISi3O8	150459	Arizona	Howard Minerals	Belsky 2000 351
Orthoclase		150236	Bradenberg Mts., S.W.Africa		Department 150236
Orthoclase	KAISi3O8	150449	Arizona	Howard Minerals	Belsky 2000 333
Orthoclase		150243	Penticton, BC, Canada	Howard Minerals	Department 150243
Orthoclase	KAISi3O8	150451	Arizona	Howard Minerals	Belsky 2000 331
Orthoclase	KAISi3O8	150464	Arizona	Howard Minerals	Belsky 2000 327
Orthoclase	KAISi3O8	150450	Arizona	Howard Minerals	Belsky 2000 332
Orthoclase	KAISi3O8	150445	Arizona	Howard Minerals	Belsky 2000 328
Orthoclase	KAISi3O8	150453	Arizona	Howard Minerals	Belsky 2000 329
Orthoclase	KAISi3O8	150452	Arizona	Howard Minerals	Belsky 2000 330
Orthoclase		150183	Goodsprings, Nevada	Schortmann's Minerals	Department 150183
Orthoclase - pink		150150	Goodsprings, Nevada	Schormann's Minerals	Department 150150
Orthoclase (baveno twin)	KAISi3O8	150507	Italian Mountain, Colorado	Howard Minerals	Belsky 2004 118
Orthoclase (Baveno Twin)	KAISi3O8	150411	Baveno, Novara, Italy	Howard Minerals	Belsky 2000 082
Orthoclase (Baveno twin)	KAISi3O8	150473	Baveno, Novara, Italy	Howard Minerals	Belsky 2002 119
Orthoclase (carlsbad twin)	KAISi3O8	150521	West Maroon Creek, Gothic, Colorado	Howard Minerals	Belsky Display/Collection 102
Orthoclase (var. Adularia) Coated w. Chlorite	KAISi3O8	150500	Madiaranital, Switzerland	Howard Minerals	Belsky 2004 112
Orthoclase Carlsbad Twin Xls.		150084	Crystal Pass, Ray, Pinal Co., Arizona	Southwest Scientific Co.	Department 150084
Orthoclase single Xls.		150082	Crystal Pass, Ray, Pinal Co., Arizona	Southwest Scientific Company	Department 150082
Orthoclase var Adularia (coated with chlorite)	KAISi3O8	150502	Furka Pass, Switzerland	Howard Minerals	Belsky 2004 114
Orthoclase var. Adularia	KAISi3O8	150474	Gotthard Pass, Switzerland	Howard Minerals	Belsky 2002 120
Orthoclase var. Adularia coated with ?		150251	Grosstal, Hospental, Uri, Switzerland	Howard Minerals	Department 150251

Orthoclase var. Adularia w/qtz, chlorite, apatite		150381	Rhongletcher, Switzerland	Howard Minerals	Department 150381
Orthoclase var. Adularia with Chlorite	KAlSi3O8	150475	Val Gulf, Graubunden, Switerland	Howard Minerals	Belsky 2002 121
Orthoclase var. Adularia with Chlorite & Epidote	KAlSi3O8	150501	Val Gulf, Graubunden, Switzerland	Howard Minerals	Belsky 2004 113
Orthoclase var. Valecianite		150380			Department 150380
Orthoclase Xl.		150052	Pentication, British Columbia	Wards, W-139	Department 150052
Orthoclase Xl.		150283	Swan City, Colorado		Department 150283
Orthoclase Xls.		150042	Goodsprings, Nevada		Department 150042
Osumilite		160153	McKenzie Pass, Idaho		Department 160153
P Nephrite Jade		170110	Fremont Co., Wyoming		Department 170110
Parassmalesite		140418	Mapimi, Durango, Mexico		Department 140418
Parasymplesite		140420	Mapimi, Durango, Mexico		Department 140420
Paravauxite w/ Vauxite		140388	Llallagua, Bolivia	Howard Minerals	Department 140388
Pectolite	NaCa2Si3O8(OH)	170155	New Jersey	Howard Minerals	Belsky 2000 105
Pectolite	NaCa2Si3O8(OH)	170143	New Jersey	Howard Minerals	Belsky 2000 093
Pectolite		170068	Paterson, New Jersey	Schormann's Minerals	Department 170068
Pectolite	NaCa2Si3O8(OH)	170156	New Jersey	Howard Minerals	Belsky 2000 106
Pectolite	NaCa2Si3O8(OH)	170145	New Jersey	Howard Minerals	Belsky 2000 095
Pectolite	NaCa2Si3O8(OH)	170157	New Jersey	Howard Minerals	Belsky 2000 107
Pectolite	NaCa2Si3O8(OH)	170158	New Jersey	Howard Minerals	Belsky 2000 108
Pectolite	NaCa2Si3O8(OH)	170159	New Jersey	Howard Minerals	Belsky 2000 109
Pectolite	NaCa2Si3O8(OH)	170160	New Jersey	Howard Minerals	Belsky 2000 110
Pectolite	NaCa2Si3O8(OH)	170138	New Jersey	Howard Minerals	Belsky 2000 088
Pectolite	NaCa2Si3O8(OH)	170137	New Jersey	Howard Minerals	Belsky 2000 087
Pectolite	NaCa2Si3O8(OH)	170141	New Jersey	Howard Minerals	Belsky 2000 091
Pectolite	NaCa2Si3O8(OH)	170142	New Jersey	Howard Minerals	Belsky 2000 092
Pectolite	NaCa2Si3O8(OH)	170154	New Jersey	Howard Minerals	Belsky 2000 104
Pectolite	NaCa2Si3O8(OH)	170144	New Jersey	Howard Minerals	Belsky 2000 094
Pectolite	NaCa2Si3O8(OH)	170139	New Jersey	Howard Minerals	Belsky 2000 089
Pectolite	NaCa2Si3O8(OH)	170161	New Jersey	Howard Minerals	Belsky 2000 111
Pectolite	NaCa2Si3O8(OH)	170162	New Jersey	Howard Minerals	Belsky 2000 112
Pectolite	NaCa2Si3O8(OH)	170140	New Jersey	Howard Minerals	Belsky 2000 090
Pectolite	NaCa2Si3O8(OH)	170136	New Jersey	Howard Minerals	Belsky 2000 086
Pectolite		170108	Rt. 80 Roadcut, Paterson NJ	R. Nicols (gift)	Department 170108
Pectolite	NaCa2Si3O8(OH)	170149	New Jersey	Howard Minerals	Belsky 2000 099

Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170150	New Jersey	Howard Minerals	Belsky 2000 100
Pectolite		170126	Paterson, NJ		Department 170126
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170151	New Jersey	Howard Minerals	Belsky 2000 101
Pectolite		170114	Paterson, NJ		Department 170114
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170152	New Jersey	Howard Minerals	Belsky 2000 102
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170147	New Jersey	Howard Minerals	Belsky 2000 097
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170146	New Jersey	Howard Minerals	Belsky 2000 096
Pectolite		170107	Rt. 80 Roadcut, Paterson NJ	R. Nicols (gift)	Department 170107
Pectolite		170105	Rt. 80 Roadcut, Paterson NJ	R. Nicols (gift)	Department 170105
Pectolite		170104	Rt. 80 Roadcut, Paterson NJ	R. Nicols (gift)	Department 170104
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170153	New Jersey	Howard Minerals	Belsky 2000 103
Pectolite	NaCa ₂ Si ₃ O ₈ (OH)	170148	New Jersey	Howard Minerals	Belsky 2000 098
Pectolite		170106	Rt. 80 Roadcut, Paterson NJ	R. Nicols (gift)	Department 170106
Pele's Hair (air spun Obsidian Strands)		190517	Kilauea Volcano, Hawaii	Howard Minerals	Belsky Display/Collection 114
Pennine		160032	Quebec	Wards	Department 160032
Penninite		160131	Bumatal, Switzerland	Howard Minerals	Department 160131
Pericline		150344	S. Gotthard, Uri, Switz.		Department 150344
Peridot bombs		190071	El Paso, Texas	Watkins	Department 190071
Peridotite changing to Serpentine		160033	Lowell, Vermont	Wards	Department 160033
Peridots	Mg ₂ SiO ₄	190371	Arizona	Howard Minerals	Belsky Display/Collection 107
Perthite		150043	Perth, Ontario	Wards	Department 150043
Perthite in Pegmatite		150033	McKinney, NC	R.T.Dodd, 1960	Department 150033
Petalite		150207	Bikita, Rhodesia	S. J. Guggenheim	Department 150207
Petalite		150195	Londonderry, Western Australia	Filers	Department 150195
Petrified Wood		195014	Locality Unknown	Howard Minerals	Belsky Display/Collection 094
Petrified Wood		195015	La Platte River, Colorado	Howard Minerals	Belsky Display/Collection 098
Petrified wood		150056	S.E. Utah	Wards	Department 150056
Petrified wood (qtz)		150028	Purchased near Aspen Colorado	Karl D. Hartzell	Department 150028
Peuedo-hex Aragonite		130302	Spain		Department 130302
Phantom Amethyst		150139	Africa	Watkins	Department 150139
Phantom Quartz		150091	Brazil	Watkins	Department 150091

Pharmacosiderite pseudo. After Cobaltite		140345	Vermilion Mine, Sudbury, Ontario, Canada	Howard Minerals	Department 140345
Phenakite		190270	Lord Hill, Maine		Department 190270
Phlogopite		160052	Queensboro Circle, Papolopen L. Quad., NY	R.T. Dodd, 1965, C.F Buddenhagen, 1967	Department 160052
Phlogopite		160139			Department 160139
Phlogopite		160011	North Burgess, Ontario	Wards	Department 160011
Phlogopite		160084	Verona, Ontario	Watkins	Department 160084
Phlogopite		160102	North Burgess, Ontario, Canada	Wards	Department 160102
Phlogopite		160034	Huddersfield, Quebec		Department 160034
Phlogopite		160059	Ontario	Watkins	Department 160059
Phlogopite mica in Calcite		160072	New Jersey	Vellor Comp.	Department 160072
Phosgenite		130325	Laurium, Greece		Department 130325
Phosphate pebbles		140070	Brightseat Fm (Paleocene), Cabin Creek off Addison	C.F. Buddenhagen	Department 140070
Phosphate Pebbles		140110	Aquia Fm. (Paleocene), Prince Georges Co., Marylan	Charles Buddenhagen	Department 140110
Phosphatic Filling of Sponge Borings		150188	Chesapeake and Delaware Canal, 1/4 of US 186 Bridg	C.F. Buddenhagen and D.F. Reid 1968	Department 150188
Picropharmacolite		140387	Salsigne Mine, Aude, France	Howard Minerals	Department 140387
Pink Calcite	CaCO3	130556	Mexico	Howard Minerals	Belsky 2000 284
Pink Calcite	CaCO3	130555	Mexico	Howard Minerals	Belsky 2000 283
Pink Dolomite		130323	Avent, Arkansas		Department 130323
Pink Dolomite	CaMg(CO3)2	130263			Belsky Display/Collection 060
Pink Dolomite		130290	Black Rock, Arkansas		Department 130290
Pink Dolomite		130297			Department 130297
Pink Dolomite		130435	Black Rock, Arkansas		Department 130435
Pirssonite		130376	Seals Lake, California		Department 130376
Plagioclase Andesine		150187	Near Palmdale, Los Angeles Co., California	Minerals Unlimited	Department 150187
Plancheite	Cu(+2)8Si8O22(OH)4-H2O	170196	Kamoya, Katanga	Wards	Siegel 111
Plancheite and Chrysocolla	Cu(+2)8Si8O22(OH)4-H2O	170191	Mindigi, Katanga	Wards	Siegel 110
Plancheite in Cuprite	Cu(+2)8Si8O22(OH)4-H2O	170192	Tantara, Katanga	Wards	Siegel 105
Plancheite, Malachite xled.	Cu(+2)8Si8O22(OH)4-H2O	170195	Kambove, Katanga	Wards	Siegel 020
Platinum and Palladium	Pt	100008	Zwartsfonstein, Transvaal	Wards	Department 100008
Plattnerite		120237	Mapimi, Mex.		Department 120237

Plattnerite on Limestone and Albite		120181	Durango, Mexico	Watkins	Department 120181
Platy Albite		150064	Moorhouse Mine, Amelia, Virginia	C.F. Buddenhagen, 1963	Department 150064
Platy Albite, Cleavlandite		150094	Rutherford Mine, Amelia, Virginia	C.F. Buddenhagen, 1964	Department 150094
Polianite	MnO2	120346	BCK Mn Mine, Kisenge, Ktanga	Wards	Siegel 170
Polianite	MnO2	120345	Kasekelesa, Katanga	Wards	Siegel 171
Pollucite		150394	NC		Department 150394
Pollucite	CsAlSi2O6.nH2O	150528	Bernic Lake, Manitoba, Canada	D. H. Lindsley (gift)	Department 150528
Pollucite		150197	Bernic Lake, Manitoba, Canada	Filers	Department 150197
Polycrase	(Y,Ca,Ce,U,Th)(Ti,Nb,Ta)2O6	120347	Ruhengeri, Rwanda	Wards	Siegel 169
Polydymite and Sulvanite?	NiNi2S4	110258	Lufunfu, Katanga	Wards	Siegel 039
Polyhalite		130022	Carlsbad, NM	Wards, W-75	Department 130022
Prehnite	Ca2Al2Si3O10(OH)2	180188	Paterson, New Jersey		Belsky Display/Collection 037
Prehnite		180158	Asbestos, Ontario, Canada		Department 180158
Prehnite		180109	Rt. 80 roadcut, Paterson, NJ	R. Nicols (gift)	Department 180109
Prehnite		180182			Department 180182
Prehnite		180152	Livingston, NJ	Howard Minerals	Department 180152
Prehnite		180155	Jeffrey Quarry, Asbestos, Quebec, Canada	Howard Minerals	Department 180155
Prehnite		180154	Jeffrey Quarry, Asbestos, Quebec, Canada	Howard Minerals	Department 180154
Prehnite		180128	Jeffery Q, Asbestos, Quebec, Canada		Department 180128
Prehnite		180111	Rt. 80 roadcut, Paterson, NJ	R. Nicols (gift)	Department 180111
Prehnite	Ca2Al2Si3O10(OH)2	160192	O&G Quarry, Southbury CT	Howard Minerals	Belsky 2000 247
Prehnite		180151	Paterson, NJ		Department 180151
Prehnite		180127			Department 180127
Prehnite		180108	Rt. 80 roadcut, Paterson, NJ	R. Nicols (gift)	Department 180108
Prehnite		180179	Paterson, NJ		Department 180179
Prehnite	Ca2Al2Si3O10(OH)2	160188	Patterson, NJ	Howard Minerals	Belsky 2002 125
Prehnite		180164	Asbestos, Ontario, Canada		Department 180164
Prehnite		180110	Rt. 80 roadcut, Paterson, NJ	R. Nicols (gift)	Department 180110
Prehnite		180173	Paterson, NJ		Department 180173
Prehnite		180172	Paterson, NJ		Department 180172
Prehnite		180119	Paterson, NJ		Department 180119
Prehnite		180150	Switzerland		Department 180150
Prehnite	Ca2Al2Si3O10(OH)2	160189	Patterson, NJ	Howard Minerals	Belsky 2002 126
Prehnite		180068	New St. Quarry, Patterson, New Jersey	Wards	Department 180068
Prehnite		180126			Department 180126

Prehnite		180022	W. Paterson, NJ	Wards	Department 180022
Prehnite	Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂	160196	Paterson, NJ	Howard Minerals	Belsky Display/Collection 024
Prehnite		180160	Paterson, NJ		Department 180160
Prehnite		180187	New Jersey		Department 180187
Prehnite		180192	Scotland		Department 180192
Prehnite		180133	Tessin, Switzerland		Department 180133
Prehnite	Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂	160193	West Orange, New Jersey	Howard Minerals	Belsky 2004 129
Prehnite and Apophyllite casts after Laumontite	Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂	160196	Poona, India	Howard Minerals	Belsky Display/Collection 011
Prehnite w/ Apophyllite		180039	Fairfax Quarry, Centreville, Fairfax City., Virgin	Minerals Unlimited	Department 180039
Prehnite w/Apophyllite		180190	Chantilly, Virginia		Department 180190
Prehnite Xls.		180183	Livingston, New Jersey	Howard Minerals	Department 180183
Prehnite Xls.	Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂	160191	Jeffrey Mine, Asbestos, Quebec, Canada	Howard Minerals	Belsky 2000 290
Prehnite Xls.		180194	Prospect Park, New Jersey	Howard Minerals	Department 180194
Prehnite, Heulandite, Quartz		180176	Prospect Park, NJ		Department 180176
Priceite		130172	20 Mule Team Canyon, Death Valley, Inyo Co., Calif	Filers	Department 130172
Prochlorite		160035	Chester, Vermont	Wards	Department 160035
Prochlorite		160042			Department 160042
Pseudobrookite		120262	Topaz Mt, Utah		Department 120262
Pseudobrookite		120233	Thomas Mtns, Utah		Department 120233
Pseudobrookite	(Fe ³⁺ , Fe ²⁺) ₂ (Ti, Fe ³⁺)O ₅	120370	Thomas Range, Juab Co., Utah	Howard Minerals	Belsky 2002 026
Pseudobrookite on Quartz	(Fe ³⁺ , Fe ²⁺) ₂ (Ti, Fe ³⁺)O ₅	120308	Thomas Range, Juab Co., Utah	Howard Minerals	Belsky 2000 237
Pseudocubal, Quartz		150382	Rio Grande, Brazil		Department 150382
Pseudomalachite		140279	Silberbrunnele, Haigerach bei Gengenbach, Schwartz	Howard Minerals	Department 140279
Pseudomalachite	Cu(+2) ₂ (CO ₃)(OH) ₂	130596	Kalabi, Katanga	Wards	Siegel 207
Pseudomalachite		140273	Silberbrunnele, Haigerach bei Gengenbach, Schwartz	Howard Minerals	Department 140273
Pseudomalachite		140324	Silberbrunnele, Haigerach bei Gengenbach, Schwartz	Howard Minerals	Department 140324
Pseudomalachite		140258	Silberbrunnele, Haigerach bei Gengenbach, Schwartz	Howard Minerals	Department 140258
Pseudomalachite		140263	Silberbrunnele, Haigerach bei Gengenbach, Schwartz	Howard Minerals	Department 140263

Pseudomalachite	Cu(+2)2(CO3)(OH)2	140452	Kamoya, Katanga	Wards	Siegel 102
Pseudomorph of Calcite after Glauberite	CaCO3	130554	Camp Verde, AZ	Howard Minerals	Belsky 2000 271
Pseudomorph of Calcite after Glauberite	CaCO3	130553	Camp Verde, AZ	Howard Minerals	Belsky 2000 270
Psilomelane		120153	Luis Lopez Dist., Socorro Co., NM	Southwest Mineral Supply	Department 120153
Psilomelane		120213	Black Canyon, NM		Department 120213
Psilomelane		120265	Sugar Grove, VA		Department 120265
Pyrargyrite		110248	Trebeske, Czechoslovakia	Howard Minerals	Department 110248
Pyrargyrite	Ag3SbS3	110326	Harry Mtn., Germany	Howard Minerals	Belsky 2000 166
Pyrite		110235	French Creek, Pennsylvania		Department 110235
Pyrite		110044	Ambasaquas, Longrono, Spain	Wards	Department 110044
Pyrite		110045	Ambasaquas, Longrono Spain	Wards	Department 110045
Pyrite		110189	Chihuahua, Mexico		Department 110189
Pyrite		110085	Chester Vermont	Wards	Department 110085
Pyrite		110272			Department 110272
Pyrite		110080	Park City, Utah	Wards	Department 110080
Pyrite		110222	Tsumeb, SWA		Department 110222
Pyrite		110202	Trabzon, Turkey		Department 110202
Pyrite		110204	Naica, Chihuahua, Mexico	Howard Minerals	Department 110204
Pyrite		110209	Trabzon, Anatolia, Turkey	Howard Minerals	Department 110209
Pyrite		110108	Ambrasaguas, Logrono, Spain	Filers	Department 110108
Pyrite	FeS2	110386	Love Field, Dallas Texas	Howard Minerals	Belsky 2004 012
Pyrite		120173	Arntfield, Quebec	Mackinan Geological Supply	Department 120173
Pyrite	FeS2	110396	Elba, Italy	Howard Minerals	Belsky Display/Collection 004
Pyrite		110195			Department 110195
Pyrite		110250	Trabzon, Anatolia, Turkey		Department 110250
Pyrite		110269	Naica, Chihuahua, Mexico		Department 110269
Pyrite		110049			Department 110049
Pyrite	FeS2	110399	Huanzala, Peru	Howard Minerals	Belsky Display/Collection 013
Pyrite		110050			Department 110050
Pyrite	FeS2	110385	Elba, Italy	Howard Minerals	Belsky 2004 011
Pyrite		110215	Ambasaguas, Spain		Department 110215
Pyrite		110197			Department 110197

Pyrite		110127			Department 110127
Pyrite		110145			Department 110145
Pyrite		110142			Department 110142
Pyrite		110139			Department 110139
Pyrite		110138	Turkey		Department 110138
Pyrite		110136	Turkey		Department 110136
Pyrite		110188	Mexico		Department 110188
Pyrite		110134	Ambagasus, Spain		Department 110134
Pyrite	FeS2	110322	Rio Marina, Elba, Italy	Howard Minerals	Belsky 2000 077
Pyrite		110133			Department 110133
Pyrite		110132			Department 110132
Pyrite		110131	Chihuahua, Mexico		Department 110131
Pyrite		110146	Gilpin, Colorado		Department 110146
Pyrite		110129			Department 110129
Pyrite		110166			Department 110166
Pyrite		110126			Department 110126
Pyrite	FeS2	110347	Rio Marina, Elba, Italy	Howard Minerals	Belsky 2000 299
Pyrite	FeS2	110381	Gilman, Colorado	Howard Minerals	Belsky 2004 007
Pyrite	FeS2	110382	Ambesagrias, Spain	Howard Minerals	Belsky 2004 008
Pyrite		110098	Rio Marina, Island of Elba	Wards	Department 110098
Pyrite		110107	Ambrasaguas, Logrono, Spain	Filers	Department 110107
Pyrite		110070	Cooke City, Montana	Watkins	Department 110070
Pyrite	FeS2	110364	Naica, Mexico	Howard Minerals	Belsky 2002 004
Pyrite	FeS2	110363	Quiruvilca, Peru	Howard Minerals	Belsky 2002 003
Pyrite	FeS2	110340	Huancayo, Peru	Howard Minerals	Belsky 2000 142
Pyrite		110093	Rio Marina, Island of Elba	Wards	Department 110093
Pyrite		110013	Colorado, Rico	Wards W-20	Department 110013
Pyrite		110089	Sinaloa, Mexico	Wards	Department 110089
Pyrite	FeS2	110330	Logrono, Spain	Howard Minerals	Belsky 2000 235
Pyrite		110176	Naica, Chihuahua Mexico		Department 110176
Pyrite	FeS2	110342	Zacatecas, Mexico	Howard Minerals	Belsky 2000 288
Pyrite		110177	Naica, Chihuahua, Mexico		Department 110177
Pyrite		110168	I can't read the label		Department 110168
Pyrite		110183	Dallas, Texas		Department 110183
Pyrite	FeS2	110161	Quiruvilca, Peru		Belsky Display/Collection 045

Pyrite		110157	Ambasaguas, Spain		Department 110157
Pyrite	FeS2	110323	Quiruvilca, Peru	Howard Minerals	Belsky 2000 079
Pyrite		110186			Department 110186
Pyrite		110150			Department 110150
Pyrite		110187			Department 110187
Pyrite	FeS2	110384	Logromo, Spain	Howard Minerals	Belsky 2004 010
Pyrite		110158	Turkey		Department 110158
Pyrite - Chalcopyrite ore		110024	Ore. Knob, N.C.	Gift of R.T.Dodd - 1960	Department 110024
Pyrite & Gypsum		110141	Naica, Chihuahua, Mexico		Department 110141
Pyrite & Hematite	FeS2	110383	Elba, Italy	Howard Minerals	Belsky 2004 009
Pyrite & Hematite		110148	Rio Marina, Elba, Italy		Department 110148
Pyrite (cubes)	FeS2	110365	Logrono(?) Spain	Howard Minerals	Belsky 2002 005
Pyrite (Octahedral)	FeS2	110397	Huanzala, Peru	Howard Minerals	Belsky Display/Collection 007
Pyrite and Chalcocite		110179	Tsumeb		Department 110179
Pyrite and Hematite		110175	Elba, Italy		Department 110175
Pyrite and Hematite	FeS2	110343	Rio Marina, Elba, Italy	Howard Minerals	Belsky 2000 287
Pyrite and Hematite	FeS2	110152	Elba, Italy		Belsky Display/Collection 039
Pyrite and Hematite		110224	Elba, Italy		Department 110224
Pyrite and Pyrrhotite in Gray Emery		110078	Di Rubbro Emery Quarry, Colbaugh Pond Rd. near Pee	C.F. Buddenhagen	Department 110078
Pyrite Ball		110218	Melrose, Iowa		Department 110218
Pyrite Balls		110149	Grove, Co., Kansas		Department 110149
Pyrite Concretion in Clay		110047	Perth Amboy, NJ	R.T. Dodd	Department 110047
Pyrite Cubes in Mica Schist		110075	Vance Co., NC	Earth and Space Sci. Soc.	Department 110075
Pyrite in Chalcocite		110171	Tsumeb, S.W.A.		Department 110171
Pyrite in Cortland Emery		110077	Di Rubbro Emery Quarry, Colgbaugh Pond Rd. near Pe	C.F. Buddenhagen	Department 110077
Pyrite in Quartz		110069	Cooke City, Montana	Watkins	Department 110069
Pyrite in Quartz		110245			Department 110245
Pyrite on Hematite		110255	Elba, Italy		Department 110255
Pyrite pseudomorphed after magnetite	FeS2	110387		Howard Minerals	Belsky 2004 013
Pyrite Sun	FeS2	110341	Baldwin #1 Mine, near Marrisca, Illinois	Howard Minerals	Belsky 2000 261

Pyrite 'Sun"	FeS2	110173	Mazon Creek, Illinois	Howard Minerals	Belsky Display/Collection 035
Pyrite w/ Calcite and Quartz	CaCO3	110344	Stari Trg Mine, Trepca, Yugoslavia	Howard Minerals	Belsky 2000 282
Pyrite with Hematite		110246	Rio Marina, Elba, Italy	Howard Minerals	Department 110246
Pyrite Xls.		110147	Rio Marina, Elba, Italy		Department 110147
Pyrite Xls.		110074	Rico, Colorado	Earth and Space Sci. Soc.	Department 110074
Pyrite Xls.		110190	Ambasaguas, Spain	Howard Minerals	Department 110190
Pyrite Xls.		110124	Ambasaguas, Spain		Department 110124
Pyrite Xls.		110191	Trabzon, Anatolia, Turkey		Department 110191
Pyrite Xls.		110230	Naica, Chihuahua, Mexico	Howard Minerals	Department 110230
Pyrite, Calcite, Dolomite		110234	Gilman, Colorado		Department 110234
Pyrite, Galena, Arsenopyrite, and Calcite		110260	Stari Trg Mine, Trepca, Yugoslavia	Howard Minerals	Department 110260
Pyrite, Sphalerite, Qtz	FeS2	120305	Huangula, Pern	Howard Minerals	Belsky 2000 156
Pyrolusite	Mn(+4)O2	120337	Kasumbalesa, Katanga	Wards	Siegel 044
Pyrolusite		120016	Lake Valley, NY	Wards	Department 120016
Pyrolusite	Mn(+4)O2	120320	B.C.K. Mn Mine, Kisenge, Katanga	Wards	Siegel 103
Pyrolusite		120171	Alberta, Michigan	Mackinan Geological Supply	Department 120171
Pyrolusite		120283	Lake Valley, New Mexico		Department 120283
Pyrolusite		120015	Ironwook, Michigan	Wards W - 36	Department 120015
Pyrolusite		120140	Hibbling, Minnesota	Mineral Research	Department 120140
Pyrolusite		120093	Lead, S. Dakota	Watkins	Department 120093
Pyrolusite on Quartz		120141	Cumberland, England	Mineral Research	Department 120141
Pyromorphite		140182			Department 140182
Pyromorphite	Pb5(PO4)3Cl	140544	France	Howard Minerals	Belsky Display/Collection 086
Pyromorphite		140351	Mies, Bohmen	Peter Indergand, Mineralienhandlung	Department 140351
Pyromorphite		140312			Department 140312
Pyromorphite		140265	Sonora, Mexico	Howard Minerals	Department 140265
Pyromorphite	Pb5,(PO4)3Cl	140541	Mine LaFarge Ussal, France	Howard Minerals	Belsky 2004 090
Pyromorphite		140306	Sonora, Mexico		Department 140306
Pyromorphite Xls.		140313	Chihuahua, Mexico		Department 140313
Pyromorphite Xls.		140298	Sonora, Mexico		Department 140298
Pyrophyllite		160097	Guilford Co., N. Carolina	Wards	Department 160097
Pyrophyllite		160006	Hillsboro, N. Carolina	Wards	Department 160006

Pyrophyllite		160087	North Carolina	Vellor Company	Department 160087
Pyrophyllite		160129	Hillsboro, NC		Department 160129
Pyroxene		170029			Department 170029
Pyroxene var. Augite		170005	Otter Lake, Ontario	Wards	Department 170005
Pyroxene var. Augite		170024	Quebec		Department 170024
Pyroxene var. Augite		170031	Arizona	Wards	Department 170031
Pyroxene var. Augite		170026			Department 170026
Pyroxene var. Augite		170027	Indian Wells, Arizona	Wards	Department 170027
Pyroxene var. Diopside		170080	Dissolved out of Calcite, Sanford, Maine	Wards	Department 170080
Pyroxene var. Diopside		170065		Wards	Department 170065
Pyroxene var. Hedenburgite		170006	Silverstar, Montana	Wards	Department 170006
Pyroxene var. Pigeonite		170025	Loudoun Co., Virginia	Wards	Department 170025
Pyrrhotite		110006	Ontario, Falconbridge	Wards W-14	Department 110006
Pyrrhotite		110096	Santa Eulalia, Mexico	Wards	Department 110096
Pyrrhotite		110064	Sudbury, Ontario	Watkins	Department 110064
Pyrrhotite and Pentlandite		110008	Sudbury, Ontario	Wards W-16	Department 110008
Pyrrhotite w/ Chalcopyrite		110026	Boyd Mine, Ducktown, Tenn.	Gift of R.T. Dodd	Department 110026
Pyrrhotite w/ Pyrite and Chalcopyrite ore		110025	Ore Knob, NC	Gift of R.T. Dodd - 1960	Department 110025
Quartz		150358	Florence M., Beckermets, Cumberland, England		Department 150358
Quartz		150374	Fellital		Department 150374
Quartz		150255			Department 150255
Quartz		150210	Ouray, Colorado	Howard Minerals	Department 150210
Quartz		150364	Hot Springs, Arkansas		Department 150364
Quartz		150357			Department 150357
Quartz		150365	Zacatecas, Mexico	Howard Minerals	Department 150365
Quartz		150367	Zacatecas, Mexico	Howard Minerals	Department 150367
Quartz		150368	Hot Springs, Arkansas		Department 150368
Quartz		150369	Panasqueira (Barroca Grande), Beira Baixa, Portuga	Howard Minerals	Department 150369
Quartz		150389	Switzerland		Department 150389
Quartz		150372	Herkimer, NY		Department 150372
Quartz	SiO2	150240	Keokuk, Iowa		Belsky Display/Collection 076
Quartz		150387	Zacatecas, Mexico		Department 150387
Quartz		150385	Zacatecas, Mexico		Department 150385

Quartz		150267	Hot Springs, Arkansas		Department 150267
Quartz	SiO2	150419	Russian	Howard Minerals	Belsky 2000 175
Quartz		150371			Department 150371
Quartz		150315			Department 150315
Quartz		150286			Department 150286
Quartz		150287			Department 150287
Quartz		150291	Rio Grande, Da Sul, Brazil		Department 150291
Quartz		150294	Veracruz, Mexico		Department 150294
Quartz		150295			Department 150295
Quartz		150297			Department 150297
Quartz		150299	Taylorsville, Pennsylvania		Department 150299
Quartz		150301	Switzerland		Department 150301
Quartz		150305	Switzerland		Department 150305
Quartz		150272	Miami, Arizona		Department 150272
Quartz		150307	Zacatecas, Mexico	Howard Minerals	Department 150307
Quartz		150271	Zacatecas, Mexico		Department 150271
Quartz		150265	Kibbienhouse Quarry		Department 150265
Quartz		150311	Zacatecas, Mexico	Howard Minerals	Department 150311
Quartz	SiO2	150256	Madagascar		Belsky Display/Collection 071
Quartz		150316	Switzerland		Department 150316
Quartz		150317	Rio Grande, Ho Sul, Brazil		Department 150317
Quartz		150319			Department 150319
Quartz		150321	Zacatecas, Mexico		Department 150321
Quartz		150379			Department 150379
Quartz		150334			Department 150334
Quartz		150335			Department 150335
Quartz		150263			Department 150263
Quartz		150341	Christmas, Arizona		Department 150341
Quartz		150342	Zacatecas, Mexico		Department 150342
Quartz		150260	Middleville, NY		Department 150260
Quartz		150343			Department 150343
Quartz		150346			Department 150346
Quartz	SiO2	150270			Belsky Display/Collection 070
Quartz		150216	Near Lake Winona, Arkansas		Department 150216

Quartz	SiO2	150437	Bajiz, Romania	Howard Minerals	Belsky 2000 249
Quartz	SiO2	150491	Fellital, Switzerland	Howard Minerals	Belsky 2004 103
Quartz	SiO2	150492	Cavradi, Switzerland	Howard Minerals	Belsky 2004 104
Quartz		150221			Department 150221
Quartz	SiO2	150489	Fellital, Switzerland	Howard Minerals	Belsky 2004 101
Quartz	SiO2	150487	Herkimer, New York	Howard Minerals	Belsky 2004 099
Quartz		150228	Middleville, NY		Department 150228
Quartz		150229	Four Peaks, Maricopa Co., Az	David Shannon Minerals	Department 150229
Quartz	SiO2	150518	Trepca, Yugoslavia	Howard Minerals	Belsky Display/Collection 009
Quartz	SiO2	150482	Mt. Ida, Arkansas	Howard Minerals	Belsky 2000 263
Quartz	SiO2	150467	Kanonto, Katanga	Wards	Siegel 043
Quartz	SiO2	150434	Middleville, NY	Howard Minerals	Belsky 2000 273
Quartz - Geode		150233	TS		Department 150233
Quartz "Pecos Diamond"		150083	Lake Arthur, New Mexico	Southwest Scientific Co.	Department 150083
Quartz (blue)		150032	Roseland, Virginia	R.T.Dodd, 1960	Department 150032
Quartz (blue, Ilano)		150051	Ilano, Texas		Department 150051
Quartz (drusy) w/ Barite		150182	St. Louis, Mo.	Charles Hallford	Department 150182
Quartz (Faden)	SiO2	150495	Lohn, Graubunden, Switerland	Howard Minerals	Belsky 2004 107
Quartz (Sac mix)		150288			Department 150288
Quartz (Smoky)	SiO2	150486	Winterstock, Uri, Switzerland	Howard Minerals	Belsky 2004 098
Quartz (Smoky)	SiO2	150488	Switzerland	Howard Minerals	Belsky 2004 100
Quartz (Smoky)	SiO2	150490	Fellital, Switzerland	Howard Minerals	Belsky 2004 102
Quartz (Smoky)	SiO2	150493	Fellital, Switzerland	Howard Minerals	Belsky 2004 105
Quartz (Smoky)	SiO2	150494	Cavradi, Switzerland	Howard Minerals	Belsky 2004 106
Quartz (Smoky)	SiO2	150508	Winterstock, Uri Switzerland	Howard Minerals	Belsky 2004 119
Quartz after Septarian Pseudomorph	SiO2	150520	Brazil	Howard Minerals	Belsky Display/Collection 018
Quartz and Adularia		150241	Switzerland		Department 150241
Quartz and Chlorite		150396	Minas Gerais, Brazil		Department 150396
Quartz and Chlorite		150390	Price of Wales Is., Alaska		Department 150390
Quartz and Malachite		150337	Zacatecas, Mexico		Department 150337
Quartz and Sphalerite	SiO2	150504	Huanzula, Peru	Howard Minerals	Belsky 2004 116
Quartz Crystals		150099			Department 150099
Quartz Crystals		150100	Middleville Herkimer CO., NY	Wards	Department 150100

Quartz fume (Gwindel)	SiO2	150253	Val Giuf, Grisons, Suisse		Belsky Display/Collection 077
Quartz Geode		150086	Monroe CO., Indiana	The Fluorite Shop	Department 150086
Quartz Geode	SiO2	150523		Howard Minerals	Belsky Display/Collection 115
Quartz Geode		150275			Department 150275
Quartz geode		150095	Baltimore gem and Mineral Show	ESS Society	Department 150095
Quartz noir X		150246	Castiglione d'Orcia, Toscana		Department 150246
Quartz on Hedenbergite		150167	Rio Marina, Elba	Wards	Department 150167
Quartz on Magnetite		150212	Rosette POW Island, Alaska		Department 150212
Quartz Phantom w/chlorite		150356	Minas Gerais, Brazil		Department 150356
Quartz psuedo. Cubic		150259			Department 150259
Quartz Stalactites		150362	Brazil ?		Department 150362
Quartz var Agate (Thunder Egg)		150168	Burns, Oregon	Wards	Department 150168
Quartz var. Agate		150068	Mexico	Watkins	Department 150068
Quartz var. Agate		150053	Uruguay	Wards, W-134	Department 150053
Quartz var. Agate (Thunder Egg)		150076	Burns, Oregon	Watkins	Department 150076
Quartz var. Agate (Thunder Egg)		150175	Burns, Oregon	Wards	Department 150175
Quartz var. Amethyst		150002	Malagasy Republic	Wards, W-130	Department 150002
Quartz var. Amethyst		150062			Department 150062
Quartz var. Aventurine		150069	India	Watkins	Department 150069
Quartz var. Aventurine		150006	Bahia, Brazil	Wards	Department 150006
Quartz var. Aventurine		150070	India	Watkins	Department 150070
Quartz var. Chalcedony		150008	Riverside, California	Wards	Department 150008
Quartz var. Chert		150007	Near Joplin, Missouri	Wards	Department 150007
Quartz var. Flint		150004	Dover Cliffs, England	Wards, W-135	Department 150004
Quartz var. Jasper		150005	Colchester, Vermont	Wards, W-136	Department 150005
Quartz var. Plasma		150144	Ampanihy, Madagascar	Wards	Department 150144
Quartz var. Rock Crystal		150164	Herkimer Co., NY	Wards	Department 150164
Quartz var. Rock Crystal		150160	Herkimer County, NY	Wards	Department 150160
Quartz var. Rock Crystal		150298			Department 150298
Quartz var. Rock Crystal		150157	Barr Mine, Treece, Kansas	Wards	Department 150157
Quartz var. Rock Crystal		150158	Minas Gerais, Brazil	Wards	Department 150158
Quartz var. Rock XI.		150204	Red Horse Lake, Lydenhurst, Ontario	Ward	Department 150204
Quartz var. Rock XI. W/ Phantom		150172	Location Unknown	Wards	Department 150172
Quartz var. Rock XIs.		150219	Herkimer, NY		Department 150219

Quartz var. Silicified Wood		150027	Holbrook, Arizona	Wards	Department 150027
Quartz var. Tiger's Eye		150063			Department 150063
Quartz Varities		150284			Department 150284
Quartz w/ Chlorite phantoms		120142	Shingle Springs, El Dorado Co., California	Mineral Research	Department 120142
Quartz w/ Copper Inc.	SiO2	100101	Kamoya, Katanga	Wards	Siegel 066
Quartz w/ Hematite		120271	Florence, Beckermets, Cumberland, England		Department 120271
Quartz w/ Hematite		120273			Department 120273
Quartz w/ Inclusions (cut & polished)	SiO2	150412		Howard Minerals	Belsky 2000 152
Quartz w/ minor Adularia and Chlorite on Matrix		150310	San Gotthard Pass, Andermatt, Switzerland	Howard Minerals	Department 150310
Quartz w/inc. of Heterogenite	SiO2	120330	Kolwezi, Katanga	Wards	Siegel 096
Quartz with "phantoms"		150348			Department 150348
Quartz with Chlorite	SiO2	150499	Madiaranital, Switzerland	Howard Minerals	Belsky 2004 111
Quartz with Chlorite, Chalcopyrite & Pyrite	SiO2	160184	Kalina, Kivu	Wards	Siegel 055
Quartz with inc. of Heterogenite	SiO2	120331	Mindigi, Katanga	Wards	Siegel 095
Quartz Xls.	SiO2	150481	Switzerland	Howard Minerals	Belsky 2000 276
Quartz Xls.	SiO2	150483	Cavradi, Switzerland	Howard Minerals	Belsky 2000 277
Quartz, Barytine, Calcite		150366	Province de Sali, Garoc		Department 150366
Quartz, beta		150169	Belowda Chowder Clay pits, near Bugle Cornwall, En	Wards	Department 150169
Quartz, beta		150089	San Carlos, Gila Co., Arizona	Southwest Scientific Co.	Department 150089
Quartz, Botryoidally		150060			Department 150060
Quartz, Calcite, Chrysocolla	(Cu(+2),Al)2H2Si2O5(OH)4-nH2O	160190	Zacaticas, Mexico	Howard Minerals	Belsky 2002 127
Quartz, Chlocite		150392	Coulterville, California		Department 150392
Quartz, Chlorite		150209	Switzerland		Department 150209
Quartz, drusy		150009	Location Unknown		Department 150009
Quartz, drusy		150140	Stony Brook Campus, NY	David Reid	Department 150140
Quartz, drusy in Petrified Wood		150349	S.E Douglass, Kansas		Department 150349
Quartz, gray		150119	Llano, Texas	Watkins	Department 150119
Quartz, Malachite, Chrysocolla		180191	Olobe, AZ		Department 180191
Quartz, Milky		150003	Buffalo, Colorado	Wards, W-133	Department 150003
Quartz, Milky		150087	Lead, S. Dakota	Watkins	Department 150087
Quartz, Phantom Section		150215	Brazil		Department 150215
Quartz, Rock XI		150001	Hot Springs, Arkansas	Wards, W-129	Department 150001
Quartz, Rock Xls		150101	Herkimer Co., NY	Wards	Department 150101

Quartz, smoky		150223	San Diego Co., California		Department 150223
Quartz, smoky	SiO2	150435	Switzerland	Howard Minerals	Belsky 2000 278
Quartz, smoky	SiO2	150484	Cavradi, Switzerland	Howard Minerals	Belsky 2000 279
Quartz, smoky	SiO2	150433	Cavradi, Switzerland	Howard Minerals	Belsky 2000 274
Quartz, smoky		150061			Department 150061
Quartz, smoky		150058			Department 150058
Quartz, smoky		150124	Brazil	Watkins	Department 150124
Quartz, smoky and Feldspar		150281	Ossipee, NH		Department 150281
Quartz, smoky w/ Hematite		150391	Switzerland		Department 150391
Quartz, Yellow		150125	Australia	Watkins	Department 150125
Quartz, Natural Smoky	SiO2	150432	Pornts, Switzerland	Howard Minerals	Belsky 2000 275
Quartz-Citrine		120139	Brazil	Walter E. Johansen	Department 120139
Quarz with Dolomite	SiO2	150471	Ramsbeck, West Germany	Howard Minerals	Belsky 2002 117
Radiated Tourmaline in Schist		180084	Mt. Grace, Warwick, Mass.	Mineral Research	Department 180084
Realgar		110090	Manhattan, Nevada	Wards	Department 110090
Realgar		110219	Getchell M. Red House, Nevada		Department 110219
Realgar		110079	Near Manhattan, Nevada	Wards	Department 110079
Realgar		140358			Department 140358
Realgar		110201	Humboldt Co. Nevada		Department 110201
Realgar red veins in Ulexite		110065	The Open pit, Boron, Kern Co., California	Southwest Scientific Company	Department 110065
Realgar Xls	AsS	110372	Utah	Howard Minerals	Belsky 2002 012
Red Tiger Eye		150065	Africa	Watkins	Department 150065
Renierite with Sulfides	(Cu,Zn)11(Ge,As)2Fe4S16	110356	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 001
Rhodochrosite	Mn(+2)CO3	130607	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Belsky 2002 042
Rhodochrosite	Mn(+2)CO3	130606	Santa Eulailia, Chihuahua, Mexico	Howard Minerals	Belsky 2002 041
Rhodochrosite	Mn(+2)CO3	130611	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Belsky 2002 046
Rhodochrosite	Mn(+2)CO3	130608	Santa Eulia, Mexico	Howard Minerals	Belsky 2002 043
Rhodochrosite	Mn(+2)CO3	130609	Santa Domingo Mine, Santa Eulalia, Chihuahua, Mex	Howard Minerals	Belsky 2002 044
Rhodochrosite	Mn(+2)CO3	130610	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Belsky 2002 045
Rhodochrosite	Mn(+2)CO3	130612	N'chwaning Mine, Hotazel, Cape Providence S. Afric	Howard Minerals	Belsky 2002 047
Rhodochrosite		130074	Butte, Montana	Watkins	Department 130074
Rhodochrosite		130362	Santa Eulalia, Mexico		Department 130362
Rhodochrosite	Mn(+2)CO3	130551	Santa Eulalia, Mexico	Howard Minerals	Belsky 2000 264
Rhodochrosite	Mn(+2)CO3	130516	Santa Eulalia, Mexico	Howard Minerals	Belsky 2000 187

Rhodochrosite	Mn(+2)CO3	130613	N'chwaning Mine, Hotazel, Cape Province S. Africa)	Howard Minerals	Belsky 2002 048
Rhodochrosite		130408	Foote Q., Kings Mt., NC		Department 130408
Rhodochrosite		130156	Imuris, Mexico	Jules Fickle	Department 130156
Rhodochrosite		130075	Emma Mine, Butte, Montana	Watkins	Department 130075
Rhodochrosite		130213	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Department 130213
Rhodochrosite		130301	Ama, Colorado		Department 130301
Rhodochrosite		130140	Silverton, Colorado	Wards	Department 130140
Rhodochrosite		130217	Santa Eulalia, Mexico		Department 130217
Rhodochrosite		130392	Alma, Colorado		Department 130392
Rhodochrosite		130215	Santa Eulalia, Mexico		Department 130215
Rhodochrosite		130350	Santa Eulalia, Mexico		Department 130350
Rhodochrosite		130073	Argentina	Watkins	Department 130073
Rhodochrosite		130038	Utah		Department 130038
Rhodochrosite		130250	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Department 130250
Rhodochrosite		130268	Hotazel, South Africa		Department 130268
Rhodochrosite		130012	Butte, Montana	Wards, W-61	Department 130012
Rhodochrosite	MnCO3	130648	Santa Eulia, Mexico	Howard Minerals	Belsky 2004 039
Rhodochrosite	MnCO3	130647	Santa Eulia, Mexico	Howard Minerals	Belsky 2004 038
Rhodochrosite		130135	Catamarca Province, Argentina	Wards	Department 130135
Rhodochrosite		130191	Imuris, Sonora, Mexico	S.J. Guggenheim	Department 130191
Rhodochrosite Xls.	Mn(+2)CO3	130546	Santa Domingo Mine, Santa Eulalia, Chihuahua, Mexi	Howard Minerals	Belsky 2000 165
Rhodochrosite Xls.	Mn(+2)CO3	130329	Hotazel, Cape Province, South Africa OR Cassandra,		Belsky Display/Collection 056
Rhodochrosite Xls.		130273	Hotazel, Cape Province, South Africa	Howard Minerals	Department 130273
Rhodolite		170013	Butte, Montana	Wards, W-112	Department 170013
Rhodolite Garnet w/Albite and Muscovite		190082	Macon Co., N. Carolina	Watkins	Department 190082
Rhodonite		170101	Franklin, NJ	Gift of Thomas R. Fusto	Department 170101
Rhodonite		170048	California	Watkins	Department 170048
Rhodonite		170049	Butte, Montana	Watkins	Department 170049
Rhodonite		170047	Australia	Watkins	Department 170047
Riebeckite		170072	St. Peter's Dome, carley Mt. Road, Colorado Spring	Wards	Department 170072
Riebeckite		170096	Palmer, Michigan	Mackinan Geological Supply	Department 170096

Riebeckite		170063	El Paso Co., Colorado	Wards	Department 170063
Rock w/ Cinnabar & Free Mercury		110233	Almaden, Ciudad Real, Spain	R. Z. Allen 5/8/75	Department 110233
Rockbridgeite, Triphyllite, & Hureaulie Xls, w/?	(Fe(+2),Mn(+2))Fe(+3)4(PO4)3(OH)5	140453	Kobokobo, Kivu	Wards	Siegel 084
Romaneolite	(U,Pb)(Ti,Fe(+2),Fe(+3))2O38	120212	Black Canyon, New Mexico		Belsky Display/Collection 047
Romeite	(Ca,Fe(+2),Mn(+2), Na)2(Sb,Ti)2O6(O,OH, F)	120376	Praborna M. Aosta Valley, St. Marcel, Italy	Howard Minerals	Belsky 2002 032
Rosasite		130287	Mapimi, Durango, Mexico		Department 130287
Rosasite		130218	Mapimi, Mexico		Department 130218
Rosasite		130431	Mapimi, Mexico		Department 130431
Rosasite		130346	Mapimi, Mexico		Department 130346
Rosasite		130412	Mapimi, Mexico	From the Collection of Howard Belsky	Department 130412
Rose Quartz		150088	Custer, S. Dakota	Watkins	Department 150088
Rose Quartz		150121	Brazil	Watkins	Department 150121
Rose Quartz		150123	Custer, South Dakota	Watkins	Department 150123
Rose Quartz		150149	Albany, Maine	Schormann's Minerals	Department 150149
Rose Quartz Xls.		150269	Minas Gerais, Brazil	Howard Minerals	Department 150269
Roselite		140231	Bou Azzer, Morocco		Department 140231
Roselite	Ca2(Co(+2),Mg)(AsO4)2-2H2O	140502	Bou Azzer, Morocco	Howard Minerals	Belsky 2002 105
Roselite		140355	Bou Azzer, Morocco	Howard Minerals	Department 140355
Roselite		140389	Bou Azzer, Morocco	Howard Minerals	Department 140389
Roselite	Ca2(Co(+2),Mg)(AsO4)2-2H2O	140524	Bou Azzer, Morocco	Howard Minerals	Belsky 2004 073
Roselite	Ca2(Co(+2),Mg)(AsO4)2-2H2O	140525	Bou Azzer, Morocco	Howard Minerals	Belsky 2004 074
Rosenhahnite		150395	Cloverdale, Mendocino Co., California		Department 150395
Ruby	Al2O3	120393	Mysore, India	Howard Minerals	Belsky Display/Collection 099
Rutilated Quartz		150148	Minas Gerais, Brazil	Wards	Department 150148
Rutilated Quartz		120120	Brazil	Wards	Department 120120
Rutilated Quartz		150120	Brazil	Watkins	Department 150120
Rutilated Quartz	SiO2	150438		Howard Minerals	Belsky 2000 246
Rutilated Quartz		120109	Brazil	Aspen lapidary Supplies	Department 120109
Rutile		120059	Mexico	Wards	Department 120059
Rutile	TiO2	120317	Kele, MQL	Wards	Siegel 081
Rutile	TiO2	120310	Champion Mine, Mono Co., California	Howard Minerals	Belsky 2000 248

Rutile		120128	Naraguta Tin Mines, Near Jos, Bauchi Plateau, N. N	Wards	Department 120128
Rutile		120122	York Co., Pa	Wards	Department 120122
Rutile		120118	Coyote Dam, Santa Clara Co., California	Wards	Department 120118
Rutile		120103	North Carolina	Prospectors Shop	Department 120103
Rutile	TiO2	120218	Ashe County, North Carolina		Belsky Display/Collection 049
Rutile	TiO2	120217	Polk City, Tennessee		Belsky Display/Collection 048
Rutile (Pyrophyllite)		120183	Champion Spack Plug Mine, Mono CO., Cal.	S.J. Guggenhiem	Department 120183
Rutile in Anorthosite		120035	Roseland, Virginia	Gift of R.T. Dodd, 1960	Department 120035
Rutile in Felsite		120080	Nelson Co., Virginia	S. W. Scientific Company	Department 120080
Rutile in Pegmatite		120013	Nelson, County, Virginia	Wards W - 35	Department 120013
Rutile ore (High Grad)		120036	Roseland, Virginia	Gift of R.T. Dodd, 1960	Department 120036
Rutile w/ Quartz		120134	Gorge of Medals, Dissentis, Grisons, Switzerland	Wards	Department 120134
Rutile Xls. In Calcite		120191	Furka Tunnel, Switz.	Howard Minerals	Department 120191
Saffiankoffite (unpublished)		195008	Lueshe, N. Kivu	Wards	Siegel 088
Samarskite		120151	Golden, Jefferson Co., Colorado	Filers	Department 120151
Sand Calcite	CaCO3	130605	Rattlesanke Butte, Washington County S. Dakota	Howard Minerals	Belsky 2002 040
Sand Calcite	CaCO3	130604	South Dakota	Howard Minerals	Belsky 2002 039
Sand Calcite	CaCO3	130654	South Dakota	Howard Minerals	Belsky 2004 045
Sand Calcite		130485	South Dakota		Department 130485
Sand Crystal Cemented by Calcite		130125	South Dakota	Watkins	Department 130125
Saneroite	MgSO4-2H2O	140490	Molinello Mine, Genova, Italy	Howard Minerals	Belsky 2002 093
Sanidine (Krypto-perthite)		150333	Near Naica, Chi., Mexico		Department 150333
Sanidine-Oligoclase		150046	Drachensfels, Rhenish Prussia	Wards	Department 150046
Satin spar		140099	Benjamin, Texas	Wards	Department 140099
Satin Spar (Gypsum)		140066	Benjamin, Texas	Watkins	Department 140066
Scapolite		150354	Greenville, Quebec		Department 150354
Scapolite		150122	New Hampshire	Watkins	Department 150122
Scapolite		150132	Ontario	Watkins	Department 150132
Scapolite		150112	Mexico	Watkins	Department 150112
Scapolite		150021	Grenville, Quebec (21a - Bolton, Mass)	Wards (21a-W-147)	Department 150021
Scheelite		140027	Porcupine, Ontario	Wards	Department 140027
Scheelite		140391	Timmons, Ontario, Canada		Department 140391

Scheelite		140044	Porcupine, Ontario	Wards	Department 140044
Scheelite		140119	Eagle Point Claims, Little Hatchet Mtns., Hidalgo	Southwest Mineral Supply	Department 140119
Scheelite		140407	The Wha, Korea		Department 140407
Scheelite		140149	Little Hatchet Mtns., Hidalgo Co., NM	S. J. Guggenheim, 1971	Department 140149
Scheelite in Epidote		140083	Fallon, Nevada	Watkins	Department 140083
Scheelite in Garnet		140051	Fallon, Nevada	Watkins	Department 140051
Schneiderhoehnite	Fe(2+)Fe(3+)3As5(3+)O13	140517	Tsumbe, S.W. Africa	Howard Minerals	Belsky 2004 066
Schroekingetite		140144	Valeneia Co., Grants, NM	S. J. Guggenheim	Department 140144
Scolecite		150303	Switzerland		Department 150303
Scorzalite		140132	Custer, Custer Co., S. Dakota	Filers	Department 140132
Selenite	CaSO4-2H2O	140478	Swan Hill, Victoria Australia	Howard Minerals	Belsky 2002 081
Selenite		140076	Libous, Near Chomutov, Bohemia, Czechoslovakia	Wards	Department 140076
Selenite	CaSO4-2H2O	140542	Australia	Howard Minerals	Belsky 2004 091
Selenite	CaSO4-2H2O	140523	Chihuahua, Mexico	Howard Minerals	Belsky 2004 093
Selenite (Gypsum)	CaSO4-2H2O	140431	Swan Hull, Victoria, Australia	Howard Minerals	Belsky 2000 168
Selenite Rose	CaSo4-2H2O	140446	Chihuahua, Mexico	Howard Minerals	Belsky 2000 045
Selenite rose		140251	Texas		Department 140251
Selenite w/ Calcite Intrusions		140061	New York	Watkins	Department 140061
Selenite Xl. With Calcite		140073	Mexico	ESS Society	Department 140073
Selenite Xl., Lg Clear	CaSO4-2H2O	140444	Essene, Loire-Atlantquire, France	Howard Minerals	Belsky 2000 257
Selenite Xls.		140380	Paterson, NJ		Department 140380
Selenite, Gypsum		140060	California	Watkins	Department 140060
Selenite, Gypsum		140059	Utah	Watkins	Department 140059
Selenium	Se	100033	Ambrosia Lake District, McKinley Co., New Mexico	Pickens Collection	Department 100033
Selenium	Se	100029	McKinley County, New Mexico	Vellor Comp.	Department 100029
Senarmontite		120288	Constantine, Algeria		Department 120288
Senarmontite		120150	Haminamate, Algeria	Filers	Department 120150
Senarmontite		120182	Haminamate, Algeria	Filer's	Department 120182
Senegalite		140419	Kouroudiako, Senegal		Department 140419
Sepiolite		160036	Vallecas, Spain	Wards	Department 160036
Sepiolite	Mg4Si6O15(OH)2-6H2O	160195	Eskashahir, Turkey	Howard Minerals	Belsky 2004 131
Serandite		160135	St. Hilaire, Quebec		Department 160135
Serpentine		160110	Ishpeming, Michigan	Mackinaw	Department 160110
Serpentine		160058	Stillwater Complex, Montana	Watkins	Department 160058

Serpentine		160127			Department 160127
Serpentine		160093	Westfield, Massachusetts	Schortmann's Minerals	Department 160093
Serpentine		160055	Texas	Watkins	Department 160055
Serpentine		160004	Cardiff, Maryland	Wards	Department 160004
Serpentine		160003	Lowell, Vermont	Wards	Department 160003
Serpentine		160002	Perkins Mills, Quebec	Wards	Department 160002
Serpentine		160112	Tilley Roster, NY	Gift of Thomas R. Fusto	Department 160112
Serpentine		160074	Gila Co., Arizona	Minerals Unlimited	Department 160074
Serpentine	(Mg,Fe(+2),Ni)3Si2O5(OH)4	160147			Belsky Display/Collection 078
Serpentine car. Chrysotile		160051			Department 160051
Serpentine var. Antigorite w/ Veins of Chrysotile		160045	Massachusetts		Department 160045
Serpentine var. Chrysotile		160005	Thetford, Quebec	Wards	Department 160005
Serpentine var. Chrysotile		160050			Department 160050
Serpentine var. Chrysotile		160038	Arizona	Filers	Department 160038
Serpentine var. Chrysotile		160048	Lancaster Co., Pennsylvania		Department 160048
Serpentine var. Verdute		160053	Africa	Watkins	Department 160053
Shattuckite	Cu(2+)5(SiO3)4(OH)2	170193	Kamoya	Wards	Siegel 100
Shattuckite	Cu(2+)5(SiO3)4(OH)2	170199	Tantar, Katanga	Wards	Siegel 135
Shattuckite and Malachite	Cu(2+)5(SiO3)4(OH)2	170198	Ruwe, Katanga	Wards	Siegel 136
Shattuckite w/ Azoite		180091	Azo Pit, Cochise Co., Arizona	Watkins	Department 180091
Shungite (not an official name)		180206	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 014
Siderite	Fe(+2)CO3	130535	Connecticut	Howard Minerals	Belsky 2000 208
Siderite	Fe(+2)CO3	130537	Connecticut	Howard Minerals	Belsky 2000 210
Siderite	Fe(+2)CO3	130538	Connecticut	Howard Minerals	Belsky 2000 211
Siderite	Fe(+2)CO3	130539	Connecticut	Howard Minerals	Belsky 2000 212
Siderite	Fe(+2)CO3	130541	Connecticut	Howard Minerals	Belsky 2000 214
Siderite	Fe(+2)CO3	130542	Connecticut	Howard Minerals	Belsky 2000 215
Siderite		130061			Department 130061
Siderite	Fe(+2)CO3	130543	Connecticut	Howard Minerals	Belsky 2000 216
Siderite		130042	Roxbury, Connecticut		Department 130042
Siderite	Fe(+2)CO3	130536	Connecticut	Howard Minerals	Belsky 2000 209
Siderite	Fe(+2)CO3	130540	Connecticut	Howard Minerals	Belsky 2000 213
Siderite	Fe(+2)CO3	130526	Connecticut	Howard Minerals	Belsky 2000 199
Siderite	Fe(+2)CO3	130517	Connecticut	Howard Minerals	Belsky 2000 190

Siderite	Fe(+2)CO3	130518	Connecticut	Howard Minerals	Belsky 2000 191
Siderite	Fe(+2)CO3	130519	Connecticut	Howard Minerals	Belsky 2000 192
Siderite	Fe(+2)CO3	130520	Connecticut	Howard Minerals	Belsky 2000 193
Siderite	Fe(+2)CO3	130522	Connecticut	Howard Minerals	Belsky 2000 195
Siderite	Fe(+2)CO3	130523	Connecticut	Howard Minerals	Belsky 2000 196
Siderite		130116	N. Carolina	Watkins	Department 130116
Siderite	Fe(+2)CO3	130525	Connecticut	Howard Minerals	Belsky 2000 198
Siderite	Fe(+2)CO3	130533	Connecticut	Howard Minerals	Belsky 2000 206
Siderite	Fe(+2)CO3	130527	Connecticut	Howard Minerals	Belsky 2000 200
Siderite	Fe(+2)CO3	130528	Connecticut	Howard Minerals	Belsky 2000 201
Siderite	Fe(+2)CO3	130529	Connecticut	Howard Minerals	Belsky 2000 202
Siderite	Fe(+2)CO3	130530	Connecticut	Howard Minerals	Belsky 2000 203
Siderite	Fe(+2)CO3	130531	Connecticut	Howard Minerals	Belsky 2000 204
Siderite	Fe(+2)CO3	130521	Connecticut	Howard Minerals	Belsky 2000 194
Siderite	Fe(+2)CO3	130532	Connecticut	Howard Minerals	Belsky 2000 205
Siderite	Fe(+2)CO3	130524	Connecticut	Howard Minerals	Belsky 2000 197
Siderite		130472	Velko Mine, Arizona		Department 130472
Siderite		130180	Ishpeming, Michigan	Mackinaw	Department 130180
Siderite	Fe(+2)CO3	130569	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 016
Siderite		130173	Palmer, Michigan	Mackinan Geological Supply	Department 130173
Siderite	Fe(+2)CO3	130534	Connecticut	Howard Minerals	Belsky 2000 207
Siderite		130390			Department 130390
Siderite	Fe(+2)CO3	130559	Leukmanika, Schlucht, Gaubandin, Switzerland	Howard Minerals	Belsky 2000 289
Siderite & Calcopyrite	Fe(+2)CO3	130635	Saarbrucken, W. Germany	Howard Minerals	Belsky 2002 074
Siderite in Limonite botryoidal		130124	Montauk Point, NY	Bill Zamor	Department 130124
Siderite in Quartz		130081	N. Carolina	Watkins	Department 130081
Siderite var. Sphaerosiderite	Fe(+2)CO3	130562	Elk River, Idaho	Howard Minerals	Belsky 2000 293
Siderite w/ Galena and Pyrite		130177	Roxbury, Conn.	Gift of Thomas R. Fusto	Department 130177
Siderite, Malachite		130251			Department 130251
Silicified Wood		150161	Holbrook, Arizona	Wards	Department 150161
Sillimanite		190196	Dillon, Montana	Wards	Department 190196
Sillimanite		190008	Dillon, Montana	Wards	Department 190008
Sillimanite	Al2SiO5	190342	Pella, N. Cape Province	Wards	Siegel 149
Sillimanite in Quartz		190070	Custer, S. Dakota	Watkins	Department 190070
Sillimanite w/ Magnetite, Quartz		190009	Benson Mines, NY	Wards	Department 190009
Silver	Ag	100070	Near Tegucigalpa, Honduras		Department 100070

Silver	Ag	100056	Creede, Colorado	Unknown	Department 100056
Silver	Ag	100030	Cobalt, Ontario, Canada	Vellor Comp.	Department 100030
Silver	Ag	100006	New South Wales, Broken Hill	Wards, Wards - 2	Department 100006
Silver	Ag	100027	Teguchigalpo, Honduras	Vellor Comp.	Department 100027
Silver	Ag	100024	Creede, Colorado	The Prospector's Shop	Department 100024
Silver	Ag	100066	TS		Department 100066
Silver & Cerussite	Ag	100055	Spokane, Wash.	Unknown	Department 100055
Silver in Shale	Ag	100035	Eisleben Bez. Halle DDR, East German Republic	Wards	Department 100035
Silver on Chalcocite	Ag	100103	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 013
Silver, Native	Ag	100092	Sylvanite Mine, Gothic, Colorado		Department 100092
Silver, Native	Ag	100072	Sylvanite Mine, Gothic, Colorado	Alpine Exploration	Department 100072
Silver, Native	Ag	100073	Sylvanite Mine, Gothic, Colorado	Alpine Exploration	Department 100073
Skarn		195003	Kola Peninsula, Russia	Howard Minerals	Belsky 2002 144
Skutterudite		110223	Bou Azzer, Morocco		Department 110223
Smaltite & Cobalt		110017	Ontario	Wards W - 24	Department 110017
Smaltite and Cobalt		110036	Ontario	Wards	Department 110036
Smaltite and Niccolite		140097	Cobalt, Ontario, Canada	Wards	Department 140097
Smargdite		170094	Clay Co., NC	Wards	Department 170094
Smithsonite		130432	Tsumeb, Namibia		Department 130432
Smithsonite	ZnCO3	130626	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 065
Smithsonite		130492	Tsumeb, Namibia		Department 130492
Smithsonite	ZnCO3	130512	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2000 167
Smithsonite		130486	Tsumeb, S.W.Africa		Department 130486
Smithsonite		130336	Masua, Sardenia, Italy	Howard Minerals	Department 130336
Smithsonite	ZnCO3	130627	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2002 066
Smithsonite		130469	Tsumeb, Namibia		Department 130469
Smithsonite		130379	Arkansas		Department 130379
Smithsonite	ZnCO3	130328	Tsumeb, Nambia		Belsky Display/Collection 064
Smithsonite		130340	Tsumeb, S.W. Africa	Howard Minerals	Department 130340
Smithsonite	ZnCO3	130560	Tsumeb	Howard Minerals	Belsky 2000 291
Smithsonite		130285	Tsumeb, Namibia		Department 130285
Smithsonite		130341			Department 130341
Smithsonite		130416	Magdalena, New Mexico		Department 130416
Smithsonite		130361	Tsumeb, S.W.Africa		Department 130361
Smithsonite		130345	Tsumeb, S.W.Africa		Department 130345

Smithsonite		130348	Tsumeb, S.W.Africa	Howard Minerals	Department 130348
Smithsonite		130266	Tsumeb, Namibia		Department 130266
Smithsonite		130453	Tsumeb, S.W.Africa	Howard Minerals	Department 130453
Smithsonite	ZnCO3	130659	Tsumeb, S.W. Africa	Howard Minerals	Belsky 2004 050
Smithsonite		130489	Alamosa, Sonora, Mexico		Department 130489
Smithsonite	ZnCO3	130570	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 015
Smithsonite		130415	Tsumeb, Namibia		Department 130415
Smithsonite		130372	Tsumeb, Namibia		Department 130372
Smithsonite		130321	Tsumeb, Namibia		Department 130321
Smithsonite		130133	Calamite, Broken Hill, New South Wales, Australia	Wards	Department 130133
Smithsonite		130131	Old Kelly Magdalena, NM	Pickens Collection	Department 130131
Smithsonite		130121	New Mexico	Watkins	Department 130121
Smithsonite		130255	Mexico		Department 130255
Smithsonite		130483	Germany		Department 130483
Smithsonite		130033	Kelly, New Mexico	Wards	Department 130033
Smithsonite (Green)	ZnCO3	130624	Tsumeb, South Africa	Howard Minerals	Belsky 2002 063
Smithsonite (Green)	ZnCO3	130625	Tsumeb, South Africa	Howard Minerals	Belsky 2002 064
Smithsonite on Cerussite	ZnCO3	130661	Tsumbe, S.W. Africa	Howard Minerals	Belsky 2004 052
Smithsonite w/ Coronadite Xls.		130066	Brokenhill, N.S. Wales	Wards	Department 130066
Smithsonite Xls.	ZnCO3	130548	Tsumeb, SW Africa	Howard Minerals	Belsky 2000 252
Smithsonite, Green	ZnCO3	130561	Tsumeb, Namibia	Howard Minerals	Belsky 2000 292
Smithsonite, Sphalerite		130338	Arkansas		Department 130338
Smoky Quartz, Natural	SiO2	150420	Cavradi, Graubunden, Switzerland	Howard Minerals	Belsky 2000 185
Sodalite		150111	Bancroft, Ontario, Canada	Watkins	Department 150111
Sodalite		150025	(near) Bancroft, Ontario	Wards, W-147	Department 150025
Sodalite	Na8Al6Si6O24Cl2	150480	Kirundu, N. Kivu	Wards	Siegel 076
Sodalite in Nepheline Syenite		150079	Red Hill, new Hampshire	Wards	Department 150079
Sodalite with Cancrinite		150103	Minas Gerais, Brazil	Minerals Unlimited	Department 150103
Spessartine Garnet	Mn(+2)3Al2(SiO4)3	190369	White Pine City, Nevada	Howard Minerals	Belsky Display/Collection 084
Spessartine Garnet	Mn3Al2(SiO4)3	190314	Garnet Hill, White Pine Co., Nevada	Howard Minerals	Belsky 2000 245
Spessartone Garnets		190361	White Pine City, Nevada	Howard Minerals	Belsky 2004 148
Sphaerocobaltite	CoCO3	130565	Musonoi Mine, Kolwezi	Wards	Siegel 074
Sphalerite	(Zn, Fe)S	110367	Naica, Chihuahau, Mexico	Howard Minerals	Belsky 2002 007

Sphalerite		110117	Federal Gordon Mine, Tri State District, Picher Ok	S. J. Guggenheim	Department 110117
Sphalerite		110039	Ontario	Wards	Department 110039
Sphalerite		110033	Colorado	Wards	Department 110033
Sphalerite		110249			Department 110249
Sphalerite		110160	Trepca, Yugoslavia		Department 110160
Sphalerite		110040	Balmat, NY	Wards	Department 110040
Sphalerite		110244	Joplin, Missouri		Department 110244
Sphalerite		110004	Ottawa County, Oklahoma	Wards	Department 110004
Sphalerite	(Zn,Fe)S	110185	Mexico		Belsky Display/Collection 043
Sphalerite	(Zn,Fe)S	110366	Dzhezkazhan, Kazkhstan	Howard Minerals	Belsky 2002 006
Sphalerite		110088	Hanover, New Mexico	Wards	Department 110088
Sphalerite	ZnS	110350	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 007
Sphalerite		110091	Wayland Mine, Galena, Cherokee Co., Kansas	Wards	Department 110091
Sphalerite		110156	Trepca, Yugoslavia		Department 110156
Sphalerite & Calcite		110205	Stari Trg Mine, Trepca, Serbia, Yugoslavia	Howard Minerals	Department 110205
Sphalerite on Quartz		110270	Picher Okalahoma		Department 110270
Sphalerite vein in Kingsport Dolomite		110023	Jefferson City, Tenn.	Gift of R.T. Dodd - 1960	Department 110023
Sphalerite w/ Pyrite		110019	Balmat, NY	Wards	Department 110019
Sphalerite w/ Siderite		110144			Department 110144
Sphalerite w/ Tetrahedrite on Quartz	(Zn,Fe)S	110395	Cavnic, Romania	Howard Minerals	Belsky Display/Collection 002
Sphalerite w/Calcite		110022	Jefferson City, Tenn.	Gift of R.T.Dodd - 1960	Department 110022
Sphalerite with Wurtzite		110058	Beaver County, Utah	Wards	Department 110058
Sphalerite Xls.	(Zn,Fe)S	110198	Ottawa Co. Oklahoma	Howard Minerals	Belsky Display/Collection 046
Sphalerite, Flourite, and Galena		110054			Department 110054
Sphalerite, Galena on Quartz		110114	Kansas	Gift of Thomas R. Fusto	Department 110114
Sphalerite, Galena, Pyrite, and Wurtzite	(Zn,Fe)S, PbS, FeS2	110398	Macov, Poland	Howard Minerals	Belsky Display/Collection 008
Sphalerite, Galena, Wurzite, Marcasite ("Schalenblende")	(Fe,Zn)S PbS	110390	Macow, Poland	Howard Minerals	Belsky 2004 016
Sphalerite?		110154	Prob. Never assigned (DHL)		Department 110154
Sphene		190197	Nim de Mica, Quebec	Wards	Department 190197
Sphene		190188	Minas Gerais, Brazil	Wards	Department 190188

Sphene		190035	Torry Hill, Haliburton Co., Ontario		Department 190035
Sphene		190034	California		Department 190034
Sphene		190036	North Crosby Township, Ontario	Wards	Department 190036
Sphene		190208	Limecrest Quarry, Newton NJ	C.F. Buddenhagen	Department 190208
Sphene		190179	Ontario	Watkins	Department 190179
Sphene (see also titanite)					
Sphene in Quartz w/ Diopside		190202	Richville, NY	Southwest Scientific Company	Department 190202
Sphene plus Augite		190194	Gjerstady, Norway	Wards	Department 190194
Sphene Xls.w/Apatite Xls.,Chlorite in Adularia Mrx		190249	St. Gothard, Switzerland		Department 190249
Spinel in Tremolite		120152	Betty Mine, Guffey Park Co., Colorado	Southwest Mineral Supply	Department 120152
Spinel in Tremolite		120144	Betty Mine, Guffey Park Co., California	Mineral Research	Department 120144
Spinel, Ruby		120019	Burma		Department 120019
Spodumene		170066	Minas Gerais, Brazil	Wards	Department 170066
Spodumene		170083	Raymond, New Hampshire	Wards	Department 170083
Spodumene		170111			Department 170111
Spodumene		170112	Mawi, Afghanistan		Department 170112
Spodumene		170113	Gillette Quarry, Portland, Conn		Department 170113
Spodumene		170052	Custer, South Dakota	Watkins	Department 170052
Spodumene		170011	Andover, Maine	Wards, W-110	Department 170011
Spodumene		170116	Nuristan, Afghanistan	Howard Minerals	Department 170116
Spodumene		170122	Pala, California		Department 170122
Spodumene (Kunzite)		170117			Department 170117
Spodumene (var. Satin Spar)	LiAlSi2O6	170183	Arkansas	Howard Minerals	Belsky 2000 132
Spodumene (var. Satin Spar)	LiAlSi2O6	170179	Arkansas	Howard Minerals	Belsky 2000 128
Spodumene (var. Satin Spar)	LiAlSi2O6	170190	Arkansas	Howard Minerals	Belsky 2000 139
Spodumene (var. Satin Spar)	LiAlSi2O6	170189	Arkansas	Howard Minerals	Belsky 2000 138
Spodumene (var. Satin Spar)	LiAlSi2O6	170188	Arkansas	Howard Minerals	Belsky 2000 137
Spodumene (var. Satin Spar)	LiAlSi2O6	170187	Arkansas	Howard Minerals	Belsky 2000 136
Spodumene (var. Satin Spar)	LiAlSi2O6	170186	Arkansas	Howard Minerals	Belsky 2000 135
Spodumene (var. Satin Spar)	LiAlSi2O6	170185	Arkansas	Howard Minerals	Belsky 2000 134
Spodumene (var. Satin Spar)	LiAlSi2O6	170184	Arkansas	Howard Minerals	Belsky 2000 133
Spodumene (var. Satin Spar)	LiAlSi2O6	170181	Arkansas	Howard Minerals	Belsky 2000 130
Spodumene (var. Satin Spar)	LiAlSi2O6	170180	Arkansas	Howard Minerals	Belsky 2000 129
Spodumene (var. Satin Spar)	LiAlSi2O6	170178	Arkansas	Howard Minerals	Belsky 2000 127
Spodumene (var. Satin Spar)	LiAlSi2O6	170176	Arkansas	Howard Minerals	Belsky 2000 126

Spodumene (var. Satin Spar)	LiAlSi2O6	170175	Arkansas	Howard Minerals	Belsky 2000 125
Spodumene (var. Satin Spar)	LiAlSi2O6	170174	Arkansas	Howard Minerals	Belsky 2000 124
Spodumene (var. Satin Spar)	LiAlSi2O6	170173	Arkansas	Howard Minerals	Belsky 2000 123
Spodumene (var. Satin Spar)	LiAlSi2O6	170163	Arkansas	Howard Minerals	Belsky 2000 113
Spodumene (var. Satin Spar)	LiAlSi2O6	170171	Arkansas	Howard Minerals	Belsky 2000 121
Spodumene (var. Satin Spar)	LiAlSi2O6	170170	Arkansas	Howard Minerals	Belsky 2000 120
Spodumene (var. Satin Spar)	LiAlSi2O6	170182	Arkansas	Howard Minerals	Belsky 2000 131
Spodumene (var. Satin Spar)	LiAlSi2O6	170169	Arkansas	Howard Minerals	Belsky 2000 119
Spodumene (var. Satin Spar)	LiAlSi2O6	170168	Arkansas	Howard Minerals	Belsky 2000 118
Spodumene (var. Satin Spar)	LiAlSi2O6	170167	Arkansas	Howard Minerals	Belsky 2000 117
Spodumene (var. Satin Spar)	LiAlSi2O6	170166	Arkansas	Howard Minerals	Belsky 2000 116
Spodumene (var. Satin Spar)	LiAlSi2O6	170165	Arkansas	Howard Minerals	Belsky 2000 115
Spodumene (var. Satin Spar)	LiAlSi2O6	170164	Arkansas	Howard Minerals	Belsky 2000 114
Spodumene (var. Satin Spar)	LiAlSi2O6	170172	Arkansas	Howard Minerals	Belsky 2000 122
Spodumene and Albite		170057	N. Carolina	Watkins	Department 170057
Spodumene in Pegmatite	LiAlSi2O6	170194	Manono, Katanga	Wards	Siegel 061
Spodumene var. kunzite		170088	Custer South Dakota	Watkins	Department 170088
Sprudelstein, Aragonite		130152	Carlsbad, Bohemia, Czechoslovakia	Wards	Department 130152
Stainerite(so-called;=Heterogenite w/ Malachite	Co(3+)O(OH)	120327	Kakanda, Katanga	Wards	Siegel 033
Stalactite		130067	Godiva Mine, Tintic District, Utah	Wards	Department 130067
Stalactitic Malachite	Cu(+2)2(CO3)(OH)2	130586	Kamoya, Katanga	Wards	Siegel 191
Staurolite	(Fe(+2), Mg,Zn)2Al9(Si,Al)4O22(OH)2	190363	Kola Peninsula, Russia	Howard Minerals	Belsky 2004 150
Staurolite	(Fe(+2),Mg,Zn)2Al9(Si,Al)4O22(OH)2	190344	Iliba, Kasese, Kivu	Wards	Siegel 154
Staurolite		190078	Michigamme, Michigan	Makinaw Geological Supply	Department 190078
Staurolite		190206	Taos Co., NM	The Prospector's Shop	Department 190206
Staurolite		190205	Taos Co., NM	The Prospector's Shop	Department 190205
Staurolite		190204	Taos Co., NM	The Prospector's Shop	Department 190204
Staurolite	(Fe(2+),Mg,Zn)2Al9(Si,Al)4O22(OH)2	190229	Antsirabe, Madagascar	Belskey Collection Lot#7	Belsky Display/Collection 034
Staurolite		190237	Minn.		Department 190237
Staurolite	(Fe(+2), Mg, Zn)2Al9(Si, Al)4O22(OH)2	190309	New Mexico	Howard Minerals	Belsky 2000 063
Staurolite		190055			Department 190055

Staurolite		190184	Australia	Wards	Department 190184
Staurolite	(Fe(+2),Mg,Zn)2Al9(Si,Al)4O22(OH)2	190340	Dendezi, Ruanda, Urundi	Wards	Siegel 155
Staurolite	(Fe(+2), Mg, Zn)2Al9(Si, Al)4O22(OH)2	190308	New Mexico	Howard Minerals	Belsky 2000 062
Staurolite	(Fe(+2)Mg, Zn)2Al9(Si,Al)4O22(OH)2	190347	Lovosero, Kola, USSR	Howard Minerals	Belsky 2002 134
Staurolite	(Fe(+2)Mg, Zn)2Al9(Si,Al)4O22(OH)2	190345	Lovosero, Kola Peninsula, Russia	Howard Minerals	Belsky 2002 132
Staurolite	(Fe(+2), Mg,Zn)2Al9(Si,Al)4O22(OH)2	190310	Kola Pen, Russia	Howard Minerals	Belsky 2000 159
Staurolite	(Fe(+2)Mg, Zn)2Al9(Si,Al)4O22(OH)2	190346	Kevy, kola Peninsula, Russia	Howard Minerals	Belsky 2002 133
Staurolite	(Fe(+2), Mg, Zn)2Al9(Si, Al)4O22(OH)2	190307	New Mexico	Howard Minerals	Belsky 2000 061
Staurolite in Paragonite		190011	Grafton, New Hampshire	Wards, W-98	Department 190011
Staurolite in Schist		190012	Little Falls, Minnesota	Wards	Department 190012
Staurolite Twin Crystals		190062	Pilar, Rio Arriba County, New Mexico	Southwest Scientific Company	Department 190062
Staurolite Xl.		190038	Gourin, Morbihan, France		Department 190038
Staurolite Xls.		190060	Gourin, Morbihan, France	Filers	Department 190060
Staurolite-Garnet Schist		190180	Custer, South Dakota	Watkins	Department 190180
Steatite		160056	Llana Co., Texas	Watkins	Department 160056
Steatite		160054	Norris, Montana		Department 160054
Stellerite	CaAl2Si7O18-7H2O	150522	Lake Baikal, USSR	Howard Minerals	Belsky Display/Collection 104
Stibiconite	Sb(+3)Sb(+5)2O6(OH)	120355	Mierges Mine, Kigali, Rwanda	Wards	Siegel 157
Stibiconite		120145	Charcas, San Luis Potos, Mexico	Southwest Mineral Supply	Department 120145
Stibnite	Sb2S3	110376	Baia Sprie, Romania	Howard Minerals	Belsky 2002 016
Stibnite		110121	Puno, Peru	S. J. Guggenheim - 1971	Department 110121
Stibnite	Sb2S3	110379	Kremnica, Czechoslovakia	Howard Minerals	Belsky 2002 019
Stibnite		110180	Kremnica, CZ.		Department 110180
Stibnite		110097	Parshing Co., Nevada	Wards	Department 110097
Stibnite	Sb2S3	110392	Herja, Roumania	Howard Minerals	Belsky 2004 018
Stibnite		110094	Gillham, Sevier Co., Arkansas	Wards	Department 110094
Stibnite	Sb2S3	110329	Czechoslovakia	Howard Minerals	Belsky 2000 183
Stibnite		110071	Mexico	Watkins	Department 110071

Stibnite	Sb2S3	110348	Herja, Romania	Howard Minerals	Belsky 2000 297
Stibnite		110012	Sonora, Mexico	Wards W-19	Department 110012
Stibnite		110216			Department 110216
Stibnite		110264	Herja, Romania		Department 110264
Stibnite		120258	Charkas, Mex.		Department 120258
Stibnite	Sb2S3	110351	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 018
Stibnite	Sb2S3	110320	Kremnica, CZ	Howard Minerals	Belsky 2000 059
Stibnite (possibly)		110153	radiating metallic needles (DHL)		Department 110153
Stibnite in Quartz		110084	President Mine, Cottage Grove, Oregon	Vellor Comp.	Department 110084
Stibnite pseudo. After Stibnite		110206	Charcas, San Luis Potosi, Mexico	Howard Minerals	Department 110206
Stibnite Xl.		110200	Santa Eulalia, Mexico		Department 110200
Stibnite Xls	Sb2S3	110374	Herja, Romania	Howard Minerals	Belsky 2002 014
Stibnite Xls	Sb2S3	110373	Herja, Romania	Howard Minerals	Belsky 2002 013
Stibnite Xls	Sb2S3	110375	Herja, Romania	Howard Minerals	Belsky 2002 015
Stibnite Xls	Sb2S3	110377	Polana Botizir, Romania	Howard Minerals	Belsky 2002 017
Stibnite Xls	Sb2S3	110378	Santa Eulalia, Mexico	Howard Minerals	Belsky 2002 018
Stibnite Xls.		110184	Santa, Eulalia, Mexico		Department 110184
Stibnite Xls. In Quartz		110072	Fallon, Nevada	Watkins	Department 110072
Stilbite		150153	Peterson, NJ	Schormann's Minerals	Department 150153
Stilbite	NaCa2Al5Si13O36-14H2O	150479	Montclair, NJ	Howard Minerals	Belsky 2000 296
Stilbite	NaCa2Al5Si13O36-14H2O	150512	Little Falls, New Jersey	Howard Minerals	Belsky 2004 123
Stilbite	NaCa2Al5Si13O36-14H2O	150478	Montclair, NJ	Howard Minerals	Belsky 2002 124
Stilbite		150277	Parrsboro, Nova Scotia, Canada		Department 150277
Stilbite		110346	Montclair, NJ		Department 110346
Stilbite		150336	Paterson, NJ		Department 150336
Stilbite		150353	New Jersey		Department 150353
Stilbite		150330	Goble, Oregon		Department 150330
Stilbite and ?	NaCa2Al5Si13O36-14H2O	150472	Berufjord, Iceland	Howard Minerals	Belsky 2002 118
Stilbite on Mica Schist		150198	Staten Island (St. George)	Gift of Thomas R. Fusto	Department 150198
Stolzite		140269	Cochise Co., Colorado	Howard Minerals	Department 140269
Stolzite	PbWO4	140521	Star Mine, Cluster Co., Idaho	Howard Minerals	Belsky 2004 070
Strengite		140180	Indian Mtn, Alabama		Department 140180
Strengite		140374	Indian Mt., Alabama		Department 140374
Strontianite		130114	Winnfield, PA	Kittredge Minerals	Department 130114
Strontianite		130040	Washington		Department 130040
Strontianite w/ Celestite		130016	Fidalgo I., Puget Sound	Wards, W-64	Department 130016

Sugilite	KNa ₂ (Fe(2+),Mn(2+),Al) ₂ Li ₃ Si ₁₂ O ₃₀	180227	Hotazel, South Africa	Howard Minerals	Belsky Display/Collection 012
Sulfide (Acanthite)	Ag ₂ S	110331	Las Reyas Mine, Guanajuato, Mexico	Howard Minerals	Belsky 2000 238
Sulfur	S	100119	Grand Saline, Texas	Howard Minerals	Belsky Display/Collection 093
Sulfur	S	100022	Grand Saline, Texas	Watkins	Department 100022
Sulfur	S	100023	Mexico	Watkins	Department 100023
Sulfur	S	100095	Agrigento, Sicily	Howard Minerals	Belsky 2000 056
Sulfur	S	100010	Louisiana	Wards	Department 100010
Sulfur	S	100086	Unknown		Department 100086
Sulfur	S	100060	Agrigento, Sicily, Italy		Department 100060
Sulfur	S	100061	San Phillipe, Baja California, Mexico		Belsky Display/Collection 040
Sulfur	S	100065	Roccamaluto, Italy or Agrigento, Sicily		Department 100065
Sulfur	S	100105	Nyamarogongo Volcano (from eruption of 1958)	Wards	Siegel 182
Sulfur	S	100047	Kileana Volcano, Hawaii	Julius Ficke	Department 100047
Sulfur	S	100097	Steamboat Springs, Washoe Co., NV	Howard Minerals	Belsky 2000 182
Sulfur	S	100011	Winnemucca, Nevada	Wards	Department 100011
Sulfur Chrystals	S	100111	Machow, Poland	Howard Minerals	Belsky 2002 002
Sulfur Xls	S	100115	Machow, Poland	Howard Minerals	Belsky 2004 004
Sulfur Xls	S	100114	Machow Poland	Howard Minerals	Belsky 2004 003
Sulfur Xls.	S	100078	Agrigento, Sicily, Italy	Howard Minerals	Belsky Display/Collection 041
Sulfur Xls.	S	100096	Manchou, Poland	Howard Minerals	Belsky 2000 155
Sulfur Xls. On Aragonite Xls.	S	100080	Agrigento, Sicily, Italy	Howard Minerals	Department 100080
Sulfur, Native	S	100099	San Felipe, Baja California, Mexico	Howard Minerals	Belsky 2000 266
Suolunite		160150	Al Khawd, Near Mascate, Oman	Howard Minerals	Department 160150
Sussexite		130229	Oldenburg, NJ		Department 130229
Sylvanite		110130	Cripple Creek, Colorado		Department 110130
Sylvite		130079	N. Mexico	Watkins	Department 130079
Sylvite		130070	Eddy Co., NM	Prospectors Shop	Department 130070
Sylvite w/ Halite		130002	Midland, Texas	Wards, W-50	Department 130002
Tactite (Garnet and Pyroxene)		190037	Gavilanos, Baja California, Mexico		Department 190037
Talc		160007	Reading, Vermont	Wards	Department 160007
Talc		160049			Department 160049
Talc		160019	N. Carolina	R.T. Dodd, 1960	Department 160019

Talc		160098	Lancaster Co., PA	Wards	Department 160098
Talc		160076	Norris, Montana	Watkins	Department 160076
Talc		160091	Fowler, St. Lawrence Co., NY	Wards	Department 160091
Talc		160008	Murray Co., Georgia	Wards	Department 160008
Talc		160090	Hickory, North Carolina	Wards	Department 160090
Talc - Steatite		160081	Custer, South Dakota	Watkins	Department 160081
Talc - Steatite		160080	Van Horn, Texas	Watkins	Department 160080
Talc (vein in Dunite), Balsam		160020	N. Carolina	R.T.Dodd, 1960	Department 160020
Talc Schist		160075	Van Horn, Texas	Watkins	Department 160075
Talc var. Soapstone		160018	Alberene, Virginia	Wards	Department 160018
Taleschite (not an official name)		195010	N'Kana Mine, Kitwe, Zambia	Wards	Siegel 040
Tantalite var. Manganotantalite	FE(+2)Ta2O6	120358	Buranga, Ruanda Urundi	Wards	Siegel 143
Tavistockite (not an official name)		195005	Mushishimano, near Tenke, Katanga	Wards	Siegel 025
Tennantite with Sulfides	(Cu, Ag, Fe, An)12As4S13	110360	Prince Leopold Mine, Kipushi, Katanga	Wards	Siegel 005
Tenorite on Malachite	Cu(+2)O	120322	Musonoï Mine, Kolwezi	Wards	Siegel 093
Terihlin and Apatite		150239			Department 150239
Tetrahedrite		110251	Kapnik, Romania		Department 110251
Tetrahedrite		110032	Park City, Utah	Wards	Department 110032
Tetrahedrite and Chalcopyrite		110193	Boulder, Colorado		Department 110193
Tetrahedrite with Siderite		110018	Coeur d'Alene District, Idaho	Wards W-25	Department 110018
Thenardite		140337	S. Lupis, Obispo Co., California		Department 140337
Thenardite		140183	Washington Camp, Arizona		Department 140183
Thenardite		140234	S. Luis, Obispo Co., California		Department 140234
Thenardite		140327	Sooa Lake, San Luis Obispo, County, Califonia		Department 140327
Thomsenolite		130252	Ivigtoṭ, Greenland		Department 130252
Thomsonite		150278	Minn.		Department 150278
Thoreaulite	Sn(2+)Ta2O6	120361	Manono, Katanga	Wards	Siegel 060
Thorianite		120280	Betroka, Malagash		Department 120280
Thouserolite		130462	Ivigtoṭ, Greenland		Department 130462
Tiger Eye		150066	Africa	Watkins	Department 150066
Tiger Eye		150067	Africa	Watkins	Department 150067
Tincalconite pseudomorph after Borax Xls.		130368	Boron, California	Howard Minerals	Department 130368
Titanite	CaTiSiO5	190364	Monte Redondo, Portugal	Howard Minerals	Belsky 2004 151
Titanite		190258	Switzerland		Department 190258
Titanite		190293	Switzerland		Department 190293

Titanite	CaTiSiO5	190334	Switzerland	Howard Minerals	Belsky 2000 050
Titanite (see also sphene)					
Titanite (twin) encrusted with Chlorite	CaTiSiO5	190351	Drun Tobel, Graubunden, Switzerland	Howard Minerals	Belsky 2002 138
Titanite and Tourmaline		190236	Switzerland		Department 190236
Titanite Xls.		190227	Grosstal, Switzerland	Howard Minerals	Department 190227
Titanite, Adularia		190257	Switzerland		Department 190257
Titanite, Adularia		190259	Switzerland		Department 190259
Titanite, Albite		190224	Switzerland		Department 190224
Titanite, Epidote	CaTiSiO5	190330	Switzerland	Howard Minerals	Belsky 2000 250
Topaz		190219	Minas Gerais, Brazil		Department 190219
Topaz		190218	Minas Gerais, Brazil		Department 190218
Topaz		190301	Kai Hon-Shu, Japan		Department 190301
Topaz		190250	Chihuahua, Mexico		Department 190250
Topaz		190225			Department 190225
Topaz		150214	Topaz Mt., Utah		Department 150214
Topaz		190268	Kai Hon-Shu, Japan		Department 190268
Topaz	Al2SiO4(F,OH)2	190350	Topaz Mountain, Utah	Howard Minerals	Belsky 2002 137
Topaz	Al2SiO4(F,OH)2	190365	Topaz Mountain, Utah	Howard Minerals	Belsky 2004 152
Topaz		190285	Chihuahua, Mexico		Department 190285
Topaz	Al2SiO4(F,OH)2	190359	Chihuahua, Mexico	Howard Minerals	Belsky 2004 146
Topaz		190269	Kai Hon-Shu, Japan		Department 190269
Topaz		190064	Ouro Preto, Minas Gerais, Brazil	Southwest Scientific Co.	Department 190064
Topaz		190013	Gunnison County, Colorado	Wards, W-97	Department 190013
Topaz		190161	San Luis Potosi, Mexico	Prospector's Shop	Department 190161
Topaz	Al2SiO4(F,OH)2	190292	Topaz Mt., Utah		Belsky Display/Collection 026
Topaz		190178	Colorado	Watkins	Department 190178
Topaz		190063	San Lus Potosi, Mexico	Southwest Scientific Co.	Department 190063
Topaz		190284	Kai Hon-Shu, Japan		Department 190284
Topaz		190251	Thomas Mts., Utah		Department 190251
Topaz (Massive)		190081	Trumbull, Conn.	Gift of Thomas R. Fusto	Department 190081
Topaz Xl.		190286	Viitamiemi, Finland		Department 190286
Topaz Xl.	Al2SiO4(F,OH)2	190262	Ouro Preto, Brazil		Belsky Display/Collection 027
Topaz Xls.		190265	Guanajuato, Mexico		Department 190265

Tourmaline		180004	Verdi, Nevada	Wards	Department 180004
Tourmaline		180054	Minas Gerais, Brazil	Schortmann's Minerals	Department 180054
Tourmaline		180120	Sondra, Mexico		Department 180120
Tourmaline	WX3Y6(BO3)3Si6O18(O,OH, F)	180137	Sonora, Mexico		Belsky Display/Collection 080
Tourmaline		180139	Sonora, Mexico		Department 180139
Tourmaline		180025	Hartford, Vermont		Department 180025
Tourmaline		180064	Minas Gerais, Brazil	Wards	Department 180064
Tourmaline		180027			Department 180027
Tourmaline	WX3Y6(BO3)3Si6O18(O, OH, F)4	180208	Kalina	Wards	Siegel 035
Tourmaline		180029	Custer, S. Dakota	Watkins	Department 180029
Tourmaline		180032	Custer, S. Dakota	Watkins	Department 180032
Tourmaline		180125	Dolne Bory, ESSR		Department 180125
Tourmaline		180189	Minas Gerais, Brazil		Department 180189
Tourmaline		180041	Custer, South Dakota	Watkins	Department 180041
Tourmaline		180052	Mexico	Wards	Department 180052
Tourmaline		180141	Madagascar		Department 180141
Tourmaline		180199			Department 180199
Tourmaline		180077	Wakefield, Quebec	Wards	Department 180077
Tourmaline		180193	Pala, California		Department 180193
Tourmaline		180145	Paris, Maine		Department 180145
Tourmaline		180118	Sondra, Mexico		Department 180118
Tourmaline		180195	Minas Gerais, Brazil		Department 180195
Tourmaline		180167	Minas Gerais, Brazil		Department 180167
Tourmaline		180094	Australia	Watkins	Department 180094
Tourmaline		180095	Minas Gerais, Brazil	Wards	Department 180095
Tourmaline		180070	Mesa Grande, California	Wards	Department 180070
Tourmaline		180159	South Africa		Department 180159
Tourmaline (green) in Pegmatite		180071	Dobra Voda near Velke Mezirici, Western Moravia, C	Wards	Department 180071
Tourmaline (Lepidolite)		180005	Sand Diego, California	Wards	Department 180005
Tourmaline and Quartz	WX3Y6(BO3)3Si6O18(O,OH, F)	180134	Minas Gerais, Brazil		Belsky Display/Collection 082
Tourmaline and Quartz		180035	Baja, California	ESS Soc., Baltimore Gem and Mineral Show	Department 180035
Tourmaline Crystals		180026	Black Hills	Harbisan Collection	Department 180026

Tourmaline in Gneiss	WX3Y6(BO3)3Si6O18(O,OH,F)4	180204	Manono, Katanga	Wards	Siegel 065
Tourmaline in Muscovite		180058	Portland, Connecticut	Wards	Department 180058
Tourmaline in Polyanite = Pyrolusite	WX3Y6(BO3)3Si6O18(O,OH,F)4	180214	Kisenge, Katanga	Wards	Siegel 104
Tourmaline in Quartz	WX3Y6(BO3)3Si6O18(O,OH,F)4	180203		Howard Minerals	Belsky 2000 262
Tourmaline in Schist	WX3Y6(BO3)Si6O18(O,OH,F)4	180226	Geistal, Austria	Howard Minerals	Belsky Display/Collection 010
Tourmaline var. Rubellite		180038	San Diego Co., California	Wards	Department 180038
Tourmaline Xls.		180074	Enterprise, Ontario	Wards	Department 180074
Tourmaline Xls. In Muscovite		180122	G. Valadares, Minas Gerais, Brazil	Howard Minerals	Department 180122
Tourmaline, Cleavelandite		180180	Pala, California		Department 180180
Tourmaline, Cleavelandite (Albite)		180144	Pala, California		Department 180144
Tourmaline, Cookite		180185	Minas Gerais, Brazil		Department 180185
Tourmaline, Garnet		180096	Humboldt, Michigan	Mackinaw Geological Supply	Department 180096
Tourmaline, Indicolite		180186	Brandberg Mts, SWA		Department 180186
Tourmaline, Lepidolite	WX3Y6(BO3)3Si6O18(O, OH, F)4	180207	Manono, Katanga	Wards	Siegel 036
Tourmaline, Lepidolite		180181	Minas Gerais, Brazil		Department 180181
Tourmaline, Lithia		180079	Himalaya Mine, California	Jules Fickle	Department 180079
Tourmaline, Massive		180099	Portland, Conn.	Gift of Thomas R. Fusto	Department 180099
Tourmaline, Uvite		180171	Peirrepoint, NY		Department 180171
Travertine		130046	Staillo, Mexico	G. Tannenbaum	Department 130046
Travertine		130052			Department 130052
Tremolite	Ca2(Mg,Fe)5Si8O22(OH)2	170203	Lueshe, N. Kivu	Wards	Siegel 114
Tremolite		170089	St. Lawrence Co., NY	Wards	Department 170089
Tremolite		170086	Location Unknown	Wards	Department 170086
Tremolite		170082	Canaan, Connecticut	Wards	Department 170082
Tremolite		170098	Felch, Michigan	Mackinan Geological Supply	Department 170098
Tremolite		170058	California	Watkins	Department 170058
Tremolite		170028		Ward Fracture Collection	Department 170028
Tremolite		170070	Sebrechtsberg, Lower Austria	Wards	Department 170070
Tremolite (purple)		170076	Balahagat, Central Provinces, India	Wards	Department 170076
Tremolite Xls.		170095	Stockbridge FM., Dutchess Co., NY		Department 170095
Tridymite		150049	Germany	Wards	Department 150049
Tridymite		150010	Germany	Wards	Department 150010
Tridymite and Cristobalite in Basalt		150180		Wards	Department 150180
Tridymite in Rock		150184	Pontola, Plumas Co., California	Minerals Unlimited	Department 150184
Triphylite		140146	Custer, SD	S. J. Guggenheim	Department 140146

Triphylite		140126	Custer, S. Dakota	Watkins	Department 140126
Triphylite		140133	Dan Patch Mine, Keystone, S. Dakota	Filers	Department 140133
Triple Coniotite		195013	Morocco	Howard Minerals	Belsky 2000 258
Tripolite		140092	Freemont Co., Colorado	Scortmann's Minerals	Department 140092
Tripolite		140084	Criner Hills, Oklahoma	Watkins	Department 140084
Trona		130097	Westvaco, Wyoming	Wards	Department 130097
Tungstite	WO3-H2O	140456	Mierges Mine, Kigali, Rwanda	Wards	Siegel 091
Turquiose		140096	Nevada	Wards	Department 140096
Turquoise		140093	Gila Co., Arizona	Scortmann's Minerals	Department 140093
Tyrolite		140208	Ortiguero-Cabrales, Spain	From the Collection of Howard Belsky	Department 140208
U Nephrite Jade		170110	Trinity Co., California		Department 170110
Ulexite	NaCaB5O6(OH)6-5H2O	130640	Mojave Desert, California	Howard Minerals	Belsky 2004 031
Ulexite		130023	Boron, California	Wards, W-71	Department 130023
Ulexite		130127	Death Valley, California	Prospectors Shop	Department 130127
Ulexite & Inderite	NaCaB5O6(OH)6-5H2O	130510	Bigadic, Turkey	Howard Minerals	Belsky 2000 154
Unidentified Material		195007	Manono, Katanga	Wards	Siegel 063
Unknown; # may have beed cancelled		150173	I don't know why.	The note says this	Department 150173
Uraninite		120051	Utah	Wards	Department 120051
Uraninite in Pegmatite		120054	Ruggles Mine near Grafton Center, New Hampshire		Department 120054
Uranophane in Limestone		190203	Pernitt, NM	The Prospector's Shop	Department 190203
Uvarovite		190261	Alaska		Department 190261
Vanadinite		140321			Department 140321
Vanadinite	Pb5(VO4)Cl	140440	Mibladen, Morocco	Howard Minerals	Belsky 2000 265
Vanadinite		140156	Mibladden, Morocco		Department 140156
Vanadinite	Pb5(VO4)Cl	140533	Mibladen,Morocco	Howard Minerals	Belsky 2004 082
Vanadinite		140098	Old Yuma Mine, Arizona	Wards	Department 140098
Vanadinite	Pb5(VO4)Cl	140534	Mibladen, Morocco	Howard Minerals	Belsky 2004 083
Vanadinite	Pb5(VO4)Cl	140423	Mibladin, Morocco	Howard Minerals	Belsky 2000 070
Vanadinite		140294	Mibladen, Morocco		Department 140294
Vanadinite	Pb5(VO4)Cl	140545	Bou Azer, Morocco	Howard Minerals	Belsky Display/Collection 096
Vanadinite		140217	Mibladen, Morocco		Department 140217
Vanadinite	Pb5(VO4)Cl	140538	Mibladen, Morocco	Howard Minerals	Belsky 2004 086
Vanadinite	Pb5(VO4)Cl	140536	Mibladen, Morocco	Howard Minerals	Belsky 2004 085

Vanadinite		140331	Mibladen, Morocco		Department 140331
Vanadinite		140300	Mibladen, Morocco		Department 140300
Vanadinite		140400	Globe, Arizona		Department 140400
Vanadinite		140376	Mimbres Mines, New Mexico		Department 140376
Vanadinite		140346	Mibladen, Morocco	Howard Minerals	Department 140346
Vanadinite		140201	Mibladen, Morocco		Department 140201
Vanadinite		140010	Near Globe, Arizona	Wards, W-83	Department 140010
Vanadinite		140385	Globe, Arizona		Department 140385
Vanadinite	Pb5(VO4)Cl	140496	Mibladen, Morocco	Howard Minerals	Belsky 2002 099
Vanadinite w/ Barite		140295	Mibladen, Morocco	Howard Minerals	Department 140295
Vanadinite Xls	Pb5(VO4)Cl	140535	Mibladen, Morocco	Howard Minerals	Belsky 2004 084
Vanadinite Xls.		140189	Mibladen, Morocco		Department 140189
Vanadinite Xls.	Pb5(VO4)Cl	140548	Mibladen, Morocco	Howard Minerals	Belsky Display/Collection 113
Vanadinite Xls.		140344	Mibladen, Morocco	Howard Minerals	Department 140344
Vanadite		140261	Mibladen, Morocco	Howard Minerals	Department 140261
Vanadite		140224	Globe, Arizona		Department 140224
Vanadite		140223	Mibladen, Morocco		Department 140223
Vanadite		140222			Department 140222
Variscite		140311	Jessieville, Arkansas		Department 140311
Variscite		140286	Avant, Arkansas		Department 140286
Variscite		140221	Story, Arkansas		Department 140221
Variscite		140334	Story, Arkansas		Department 140334
Variscite		140332	Jessieville, Arkansas		Department 140332
Variscite	AlPO4-2H2O	140427	Fairfield, Utah	Howard Minerals	Belsky 2000 143
Variscite		140102	Fairfield, Utah	Wards	Department 140102
Variscite and Wavellite		140226	Avant, Arkansas	Howard Minerals	Department 140226
Variscite and Wavellite		140292	Avant, Arkansas	Howard Minerals	Department 140292
Variscite and Wavellite		140364	Montgomery Co., Arkansas		Department 140364
Variscite blue		140218	Lucin, Utah		Department 140218
Verdite		160086	Africa	Watkins	Department 160086
Vermiculite	(Mg,Fe(+2),Al)3(Si,Al)4O10(OH)2-4H2O	160186	Kivu, Katanga	Wards	Siegel 180
Vermiculite		160106	Verona Ontario, Canada		Department 160106
Vermiculite		160103	Location Unknown	Wards	Department 160103
Vermiculite		160046		Wards Tenacity Collection	Department 160046

Vermiculite		160044	Pennsylvania		Department 160044
Vermiculite		160037	Utah		Department 160037
Vermiculite (Zonolite)		160066	Libby, Montana	Wards	Department 160066
Vesuvianite		190252	Guanajuato, Mexico		Department 190252
Vesuvianite		190254	Taylor, Colorado		Department 190254
Vesuvianite		180138	#5 pit, Italian mtn., Taylor Park, Colorado	Howard Minerals	Department 180138
Vesuvianite		180178			Department 180178
Vesuvianite (Idocrase)		180048	Mexico	Watkins	Department 180048
Vesuvianite (Idocrase)		180049	Llano, Texas	Watkins	Department 180049
Vesuvianite and Chabazite		140219	#5 pit, Italian Mtn, Taylor Park, Colorado	Alpine Exploration	Department 140219
Veszelyite	(Cu(+2),Zn)(PO4)(OH)3-2H2O	140529	Mina La Esperanza, Zacapoaxtal Sist., Puebal Mexic	Howard Minerals	Belsky 2004 078
Viocarite		110182			Department 110182
Vivianite		140404			Department 140404
Vivianite		150201	Mullica Hill, NJ	S. J. Guggenhiem	Department 150201
Vivianite		140168			Department 140168
Vivianite		140181			Department 140181
Vivianite	Fe(+2)3(PO4)2-8H2O	140493	Clear Springs Pit, Bartow, Fl	Howard Minerals	Belsky 2002 096
Vivianite		140285	Stari Trg Mine, Trepca, Jugoslavia	Howard Minerals	Department 140285
Vivianite		140310	Clear Springs Mine, Bartow, FL		Department 140310
Vivianite	Fe(+2)3(PO4)2-8H2O	140519	Clear Springs Pit Bartow, Fla.	Howard Minerals	Belsky 2004 068
Vivianite	Fe(+2)3(PO4)2-8H2O	140518	Clear Springs Pit Bartow, Fla.	Howard Minerals	Belsky 2004 067
Vivianite		140174	Llallagua, Bolivia		Department 140174
Vivianite		140081	Blackbind Mine, Lemhi Co., Idaho	Minerals Unlimited	Department 140081
Vivianite		140284	Isle of Wight, Eng.		Department 140284
Vivianite XI.		140349	Santa Eulalia, Chihuahua, Mexico	Howard Minerals	Department 140349
Volborthite	Cu(+2)3V(+5)2O7(OH)2-2H2O	140468	Ruwe, Katanga	Wards	Siegel 139
W Nephrite Jade		170110	Butte Co., California		Department 170110
Wardite		140363	Fairfield, Utah	Schortmann's Minerals	Department 140363
Wavelite	Al3(PO4)2(OH,F)3-5H2O	140539	Arkansas	Howard Minerals	Belsky 2004 088
Wavellite		140316	Jessieville, Arkansas		Department 140316
Wavellite		140245	Jessieville, Arkansas		Department 140245
Wavellite		140408	Jessieville, Arkansas		Department 140408
Wavellite		140302	Jessieville, Arkansas		Department 140302
Wavellite		140016	Montgomery Co., Arkansas	Wards, W-85	Department 140016
Wavellite		140151	Hot Springs, Arkansas	S. J. Guggenheim, 1971	Department 140151

Wavellite		140232	Jessieville, Arkansas		Department 140232
Wavellite		140409	Jessieville, Arkansas		Department 140409
Wavellite		140406	Jessieville, Arkansas		Department 140406
Wavellite		140236	Jessieville, Arkansas	Howard Minerals	Department 140236
Wavellite		140036	Montgomery Co., Arkansas		Department 140036
Wavellite		140058	Hot Springs, Arkansas	The Fluorite Shop	Department 140058
Wavellite		140248			Department 140248
Wavellite		140333	Jessieville, Arkansas		Department 140333
Wavellite		140237			Department 140237
Wavellite Xls.		140339	Jessieville, Arkansas	Howard Minerals	Department 140339
Weddellite	Ca(C2O4)-2H2O	140504	near Briggs, Wasco Co., Oregon	Howard Minerals	Belsky 2002 107
Weloganite xls.		130493	Francon Quarry, Montreal Quebec, Canada	Howard Minerals	Department 130493
Wernerite (Scapolite)		150142	Quebec, Canada	Vellor Comp.	Department 150142
White Satin Spar.		140215	Manitou, Colorado		Department 140215
Willemite		190059	Franklin, NJ	Wards	Department 190059
Willemite		190291	Tsumeb, S.W.Africa	Howard Minerals	Department 190291
Willemite		190303	Ogdensburg, NJ		Department 190303
Willemite		190264	Florida Mountains, Deming, New Mexico	Howard Minerals	Department 190264
Willemite		190266	Tsumeb, S.W. Africa	Howard Minerals	Department 190266
Willemite		190282	Arizona		Department 190282
Willemite		190243	Ogdenburg, NJ		Department 190243
Willemite		190239	Ogdensburg, NJ		Department 190239
Willemite		190069	Franklin, NJ	Wards	Department 190069
Willemite (brown xx)	Zn2SiO4	190348	Franklin	Howard Minerals	Belsky 2002 135
Willemite and Calcite		130095	Franklin, NJ	Wards	Department 130095
Willemite and Franklinite		190231	Franklin, NJ		Department 190231
Willemite and Franklinite		190214	Ogdensburg, NJ		Department 190214
Willemite w/Franklinite etc.		190005	Franklin, NJ	Wards, W-90	Department 190005
Willemite xls in Calcite	Zn2SiO4	190353	Sterling Hillmine, Ogdensburg, NJ	Howard Minerals	Belsky 2002 140
Willemite, Franklinite	Zn2SiO4	190333	Franklin, NJ	Howard Minerals	Belsky 2000 356
Willemite, Franklinite in calcite		190024	Sterling Mine, NJ	R.T. Dodd, 1960	Department 190024
Wire Silver	Ag	100076	Creede Colorado		Department 100076
Wire Silver	Ag	100089	Creede Colorado		Department 100089
Wire Silver	Ag	100063	Creede, Colorado		Department 100063
Wire Silver	Ag	100071	Unknown		Department 100071
Witherite		130195	Minerva Mine, Cave In Rock, Ill	B.E. Clements	Department 130195

Witherite		130247			Department 130247
Witherite		130132	England	Colorado Geological Industries	Department 130132
Witherite		130194	Minerva Mine, Cave In Rock, Ill	B.E. Clements	Department 130194
Wolframite		140414	Chung Ju., South Korea		Department 140414
Wolframite	intermediate member of Hubnerite-Ferberite Series	140454	Cie Miniere de Grands Lacs, Kamiduga, Kivu	Wards	Siegel 098
Wolframite	(Fe,Mn)WO4	140449	Burgarama, Tanzania	Wards	Siegel 082
Wolframite		140028	Colorado	Wards	Department 140028
Wollastonite		170012	Willsbord, NY	Wards, W-113	Department 170012
Wollastonite		170040	Willsboro, Essex Co., New York	Minerals Unlimited	Department 170040
Wollastonite		170046	Willsboro, Essex Co., NY	Minerals Unlimited	Department 170046
Wollastonite w/ Idocrase		170032	Llano Co., Texas	Watkins	Department 170032
Wollastonite w/ Idocrase		170053	Llano Co., Texas	Watkins	Department 170053
Woodwardite	Cu(+2)4Al2(SO4)(OH)12-2-4H2O	140497	Kurakawa Mine, Kamo gun, Gifu Prefecture, Japan	Howard Minerals	Belsky 2002 100
Wulfenite	PbMoO4	140230	Chihuahua, Mexico		Belsky Display/Collection 066
Wulfenite		140325	Glove Mine, Amado, Arizona		Department 140325
Wulfenite		120113	Mexico	Colorado Geological Industries	Department 120113
Wulfenite		140077	Gailluro Mtns., Arizona	Wards	Department 140077
Wulfenite		140416	Theba, Arizona		Department 140416
Wulfenite	PbMoO4	140470	Kasekelesa, Katanga	Wards	Siegel 115
Wulfenite		140357	Tsumeb, S.W.Africa		Department 140357
Wulfenite		140299	Red Cloud Mine, Yuma, Arizona		Department 140299
Wulfenite	PbMoO4	140527	Ojuela Mine Durango, Mexico	Howard Minerals	Belsky 2004 076
Wulfenite		140157	Chihuahua, Mexico		Department 140157
Wulfenite	PbMoO4	120301	Sierra de los Lamentos, Ahumada, Chihuahua, Mexico	Howard Minerals	Belsky 2000 073
Wulfenite	PbMoO4	140537	Los Lomentos, Mexico	Howard Minerals	Belsky 2004 087
Wulfenite	PbMoO4	140528	Ojuela Mine Durango, Mexico	Howard Minerals	Belsky 2004 077
Wulfenite	PbMoO4	140495	Wierra de los Lamentos, Ahumada, Chihuahua, Mexico	Howard Minerals	Belsky 2002 098
Wulfenite		140278	Los Lamentos Mine, Ahumada, Chihuahua, Mexico	Howard Minerals	Department 140278
Wulfenite and Vanadinite		140259	Red Cloud Mtn, Yuma, Arizona		Department 140259
Wulfenite Xls.		140155	Organ Mountains, Arizona		Department 140155

Xenotime, Cassiterite, Columbite, Martite, & Monazite Concentrates	YPO ₄	140477	Lulingu, Kivu	Wards	Siegel 125
Yttrofluorite		130164	Colorado	The Prospector's Shop	Department 130164
Zenerite		140329	Majuba Hill, Nevada		Department 140329
Zincite		120298	Oldenburg, NJ		Department 120298
Zincite		120226	Oldenburg, NJ		Department 120226
Zincite in Calcite		120180	Franklin, NJ	Gift of Thomas R. Fusto	Department 120180
Zincite w/ Franklinite		120002	Franklin, NJ	Wards W-29	Department 120002
Zincite, Franklinite	(Zn,Mn(+2))O	120312	Franklin, NJ	Howard Minerals	Belsky 2000 358
Zincite, Franklinite	(Zn,Mn(+2))O	120313	Franklin, NJ	Howard Minerals	Belsky 2000 359
Zincite, Willimite	(Zn,Mn(+2))O	120314	Franklin, NJ	Howard Minerals	Belsky 2000 357
Zinnwaldite		160040	Rutherford Mine, Amelia, Virginia	C.F. Buddenhagen	Department 160040
Zircon		190058	El Paso Co., Colorado	Wards	Department 190058
Zircon	ZrSiO ₄	190366	Hakedal, Norway	Howard Minerals	Belsky Display/Collection 021
Zircon		190235	Ontario, Canada		Department 190235
Zircon		190234	El Paso Co., Colorado	Lot #11	Department 190234
Zircon	ZrSiO ₄	190335	Lilungu, Kivu	Wards	Siegel 087
Zircon		190276	Ontario, Canada		Department 190276
Zircon		190175	Tigerville, North Carolina	Wards	Department 190175
Zircon		190047	Serra de Caldas, Minas Gerais, Brazil		Department 190047
Zircon		190048	Bancroft, Ontario		Department 190048
Zircon		190302	Wichita Mts., Oklahoma		Department 190302
Zircon		190174	Cevtral Annam, French Indo-China	Wards	Department 190174
Zircon		190046	Langesundfjord, Norway	Wards	Department 190046
Zircon in Orthoclase		190299	Zirconia, NC		Department 190299
Zircon in Pegmatite		190074	Pacoima Canyon, San Gabriel mtns., L.A. County, Ca	Filers	Department 190074
Zircon w/Microcline		190020	El Paso County, Colorado	Wards, W-94	Department 190020
Zircon Xl on Matrix	ZrSiO ₄	190341	Kivu	Wards	Siegel 151
Zircon Xl.		190255	Hakedal, Norway		Department 190255
Zoisite		180060	Ducktown, Tenn.	Schortmann's Minerals	Department 180060
Zoisite var. Thulite		180010	Liksviken, Norway	Wards	Department 180010
Zoisite var. Thulite		180033	Wyoming	Eloxite Corp.	Department 180033
Zunyite		150309	Dome Rock Mountains, Yuma Co., Arizona	Howard Minerals	Department 150309
Zunyite	Al ₁₃ Si ₅ O ₂₀ (OH, F) ₁₈ Cl	180218	Dome Rock Mountains, Yuma Co., Arizona	Howard Minerals	Belsky 2002 131