Specimen Number	001	Lot No.		Donor/Consignor No 20	00			
Specimen Name	Fluorite and C	alcite						
Specimen Description	Crystals of white fluorite and calcite (orange under UV light) generously covering a mounded hand specimen from China. From the Nate Martin fluorite collection.							
Specimen Location	China							
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction				
Length 7.5	Width 6.3	Height 5	v.5 w	eight (g) 235				
Specimen Dimensions	7.5 x 6.3 x 5.5 cm	m.	Don/Co	on				
Mineral Data	elder) in 79 from Class: 05.AB.05 Fluorite : CaF ₂ N Latin, fluere = "to	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the Ider) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05 Cluorite: CaF ₂ Named in 1797 by Carlo Antonio Galeani Napione from the atin, fluere = "to flow" (for its use as a flux). The term fluorescence is erived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25						
Photo 1		Photo 2	2	Photo 3	٦			

		=					
Specimen Number	002	Lot No.		Donor/Consignor No	200		
Specimen Name	Azurite & Ma	lachite					
Specimen Description		pink baryte, the l	arger of which als	occo. Two showy thumbnails of so has white fluorites, making a collection.			
Specimen Location	Atlas Mountair	ns, Morocco					
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction			
Length Perky	Width	Height [Weight (g)			
Specimen Dimensions	Perky x x cm.		Don/C	Con			
Mineral Data	05.BA From the color. Name Malachite Cuito CE) molochitus color of the lea	Azurite: Cu3(CO3)2(OH)2 Dana Class:16a.02.01.01 Strunz Class: 15.BA From the ancient Persian lazhward, meaning "blue", in allusion to the color. Name changed to azurite in 1824 by François Sulpice Beudant. Malachite Cu2(CO3)(OH)2 Named in antiquity (see Pliny the Elder, 79 CE) molochitus after the Greek μαλαχή, "mallows," in allusion to the green color of the leaves. Dana Class: 16a.03.02.01 Strunz Class 05.BA.10					
Photo 1		Photo 2	2	Photo 3			
Paul CX Alve Int							

Specimen Number	003	Lot No.	Donor/Consignor No 200	
Specimen Name	Fluorite & Quar	tz		
Specimen Description		orite on sparkly quartz m	e, Hunan Province, China. Large cubes natrix, from the Nate Martin fluorite	
Specimen Location	Xian Mine, Hunar	n Prov. China		
SpecimenType Length 5.2 Specimen Dimensions Mineral Data	Fluorite : CaF_2Na Latin, fluere = "to the derived from fluorithe Quartz: SiO_2 The Theophrastus in	med in 1797 by Carlo flow" (for its use as a fite. Dana Class: 09.02 are most ancient name	ction Type Voice Auction Weight (g) 172 on/Con Antonio Galeani Napione from the flux). The term fluorescence is 2.01.01 Strunz 03.AB.25 are known is recorded by Ε, κρύσταλλος or kristallos. ss:04.DA.05	
Photo 1		Photo 2	Photo 3	

Specimen Number	004 L	ot No.	Donor/Consignor No 200				
	Fluorite & Wulfenit			<u> </u>			
Specimen Description	association of comp	ite from Tombstone, plex frosted green flu Nate Martin fluorite	orite with accessory				
Specimen Location	Tombstone, AZ						
	Donation	Auction					
Length 8.7			(eight (g) 163				
Specimen Dimensions	8./ x 4./ x 4.0 cm.	Don/Co	on				
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 **Wulfenite**: Pb(MoO4** Renamed in 1845 by Wilhelm Karl von Haidinger in honor of Franz Xaver Freiherr von Wulfen **Dana Class: 48.01.03.01 Strunz Class: 07.GA.05**						
Photo 1		Photo 2	Photo 3				

Specimen Number	005	Lot No.		Donor/Consignor No	200			
Specimen Name								
Specimen Description	pyromorphite aesth famous locality in th	yromorphite on fluorite from Chaillac, Indra, France. Lustrous dark green spray of yromorphite aesthetically perched on a plate of gray fluorite – a classic combo from this amous locality in the Loire Valley region of France. From the Nate Martin fluorite bllection. Fabre Minerals label.						
Specimen Location	Chaillac, France	;						
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 6.3	Width 3.5	Height 1	.5	Weight (g)				
Specimen Dimensions	6.3 x 3.5 x 1.5 c	m.	Don/0	Con				
Mineral Data	Minera plumbi later, Mine de Fluorite : CaF2 Latin, fluere = "t	Pyromorphite Pb5(PO4)3CI: Originally called Grön Blyspat and Minera plumbi viridis by Johan Gottschalk Wallerius in 1748 and, ater, Mine de plumb verte in 1753. **Nuorite**: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the atin, fluere = "to flow" (for its use as a flux). The term fluorescence is erived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25						
Photo 1		Photo 2	2	Photo 3				

Specimen Number	006	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite & Clin	ozoisite							
Specimen Description	Valley, Inyo County	luorite pseudomorphs after clinozoisite, with clinochlore, from Birch Creek, Deep Springs alley, Inyo County, California. A very unusual pseudomorph of fluorite replacing linozoisite from an unusual locality. From the Nate Martin fluorite collection.							
Specimen Location	Birch Creek, Iny	vo, CA							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length L, Perky	Width	Height [Veight (g)					
Specimen Dimensions	L, Perky x x cr	n.	Don/C	on					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 Clinozoisite: CaSrAl3(Si2O7)(SiO4)O(OH)Originally named Fouqueite by Alfred LaCroix in 1889. Re-named in 1896 by Ernst Weinschenk in allusion to its its monoCLINic crystal form and the relationship to Zoisit. Dana Class: 58.02.01a.09 Strunz Class: 09.BG.05a								
Photo 1		Photo 2	2	Photo 3					

Specimen Number		Donor/Consignor No 200					
Specimen Name	Garnet Group (Almandine)						
Specimen Description	Garnet, locality unknown. A large black peg distinct trapezohedral form on a matrix of w Martin.						
Specimen Location	Maine						
SpecimenType	Donation \(\) Auction Ty	ype Voice Auction					
Length 6.0	Width 4.9 Height 4.3 Weight	ht (g) 167					
Specimen Dimensions	6.0 x 4.9 x 4.3 cm. Don/Con						
Mineral Data	Garnet Group, Almandine Fe2+3Al2(SiO4)3 Named Carchedonius Garamanticus = Carthaginian or Garamantic Carbuncle in 77-79 by Pliny the Elder. Earlier named Ανθραχέ by Tyrtamus, commonly known by his honorary name, Theophrastus,						
	possibly about 325-300 BCE						
Photo 1	Photo 2	Photo 3					

Specimen Number	008	Lot No.		Donor/Consignor No	200			
Specimen Name	Carletonite & A	Aegerine						
Specimen Description	example of deep blu Quarry at Mont Sair	carletonite and aegerine on fluorite, Mont St. Hilaire, Quebec, Canada. An excellent example of deep blue carletonite with aegerine on white fluorite from the famous Poudrette equarry at Mont Saint Hilaire in Quebec, which is known as a "best in the world" locality for earletonite. From the Nate Martin fluorite collection.						
Specimen Location	Mont Saint-Hila Canada	ire, La Vallé	ee-du-Richelie	ı RCM, Montérégie, Qué	bec,			
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 5.5	Width 4.5	Height 3	5.1 V	Weight (g) 72				
Specimen Dimensions	5.5 x 4.5 x 3.1 c	m.	Don/C	on				
Mineral Data	Carleton Unive Strunz Class:0 Aegirine NaFe (1821) from Ru	Carletonite: KNa4Ca4Si8O18(CO3)4(OH,F)·(H2O) Named after Carleton University, Ottawa, Canada. Dana Class: 72.03.01.04 Strunz Class:09.EB.20 Aegirine NaFe+++Si2O6 First described as acmit by P. H. Ström 1821) from Rundemyr, Øvre Eiker, Buskerud, Norway Dana Class: 65.01.03c.02 Strunz Class:09.DA.25						
Photo 1		Photo 2	2	Photo 3				

Specimen Number	009	Lot No.		Donor/Consignor I	No 200		
Specimen Name	Garnet Group	(Grossular)					
Specimen Description		rossular garne	et etched free fr	Mills, Vermont. Lovely spe om enclosing calcite, self- y.	I		
Specimen Location	Belvidere Mour Vermont, USA	tain Quarrie	s, Lowell & E	den, Orleans & Lamoille	e Cos.,		
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction	L		
Length 9.0	Width 6.7	Height 3	3.0	Weight (g) 240			
Specimen Dimensions	9.0 x 6.7 x 3.0 c	m.	Don/C	Con			
Mineral Data	minerals with t stone" ("Kanel Werner and re	Grossular Ca ₃ Al ₂ (SiO ₄) ₃ The classical name for a group of silicate ninerals with the same structure. Originally named "cinnamon tone" ("Kanelstein" in German) in 1803 by Abraham Gottlob Verner and renamed grossularite by Werner in 1806. Dana Class:51.04.03b.02 Strunz Class:09.AD.25					
Photo 1		Photo 2	2	Photo 3			

Specimen Number	010	Lot No.		Donor/Consignor No	200				
Specimen Name	Aegirine & Flu	orapatite							
Specimen Description	Quebec, Canada. Ir	Regerine, fluorapatite and fluorapophyllite from the Poudrette Quarry, Mont Saint-Hilaire, Quebec, Canada. Interesting combination piece showing shiny aggregates of aegerine in a mall vug from this classic locality, known for hosting so many species. Ex Nate Martin.							
Specimen Location	Proudette Qry., Montérégie, Que		•	ée-du-Richelieu RCM,					
SpecimenType	Donation	\ <u>\</u>	Auctior	Type Voice Auction					
Length L. Perky	Width	Height	w	eight (g)					
Specimen Dimensions	L. Perky x x c	m.	Don/Co	on					
Mineral Data	Aegirine NaFe+++Si2O6 First described as acmit by P. H. Ström (1821) from Rundemyr, Øvre Eiker, Buskerud, Norway Dana Class: 65.01.03c.02 Strunz Class:09.DA.25 Fluorapatite: Ca₅(PO₄)₃F Renamed in 1860 from the original Apatite of Abraham Werner by Carl F. Rammelsberg to emphasize the chemical composition. Apatite is from the Greek ἀπατάω (apatao), to deceive. Dana Class:41.08.01.01 Strunz Class: 08.BN.05								
Photo 1		Photo 2	2	Photo 3	\neg				

Specimen Number	011	Lot No.		Donor/Consignor No	200				
Specimen Name									
Specimen Description	specimen showin	rehnite from the Roncari Quarry, East Granby, Connecticut. Lovely hand pecimen showing the classic helmet-shaped aggregates of lustrous green rehnite on white calcite for which this locality is known. Ex Nate Martin.							
Specimen Location	Roncari Quarry,	oncari Quarry, East Granby, Hartford County, Connecticut, USA							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 6.3	Width 4.0	Height 3	8.8 v	Weight (g) 129					
Specimen Dimensions	6.3 x 4.0 x 3.8 c	m.	Don/C	on					
Mineral Data	Werner in hon- 31/August 2, 1 Heilbronn, Wu	Prehnite, Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂ Named in 1788 by Abraham Gottlieb Werner in honor of the Dutch Colonel, Hendrik von/van Prehn [July 31/August 2, 1733 Cape of Good Hope Colony - August 1785 Heilbronn, Wurttemberg {Germany}], who is credited with discovering the mineral in 1774 at the Cape of Good Hope in South Africa.							
Photo 1		Photo 2	2	Photo 3					

	012]						
Specimen Number		Lot No.		Donor/Consignor No 200				
Specimen Name	Catapleite, Rh	odochrosite	& Arfvedson	nite				
Specimen Description	Saint-Hilaire, Que	Catapleite, rhodochrosite and arfvedsonite from the Poudrette Quarry, Mont saint-Hilaire, Quebec, Canada. Fine combination piece with 3 of the unusual ninerals for which this locality is famous. Ex Nate Martin.						
Specimen Location	Mont Saint-Hila Canada	iire, La Vallé	e-du-Richelie	u RCM, Montérégie, Québec,				
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length Perky	Width	Height		Weight (g)				
Specimen Dimensions	Perky x x cm.		Don/C	Con				
Mineral Data	refers to its associa the mineralogist Pa Rhodochrosite: (M the Greek ρόδο, "ro Arfvedsonite [Na][(Arfwedson) of Swe	Catapleiite Na2Zr(Si3O9) · 2H2O Name is Greek κατα = 'with' and πλειον = 'more' and efers to its association with many other rare minerals. Described in 1850 from Norway by the mineralogist Paul Christian Weibye (1819-1865. Dana Class:59.02.02.01 Rhodochrosite: (MnCO ₃₀) Named in 1813 by Johann Friedrich Ludwig Hausmann from the Greek ρόδο, "rose", and χρώς, "coloring", referring to its color.Dana Class:14.01.01.04 Arfvedsonite [Na][Na2][Fe2+4Fe3+]Si8O22(OH)2 Named for Johan August Arfvedson Arfwedson) of Sweden. NaNa2(Fe++4Fe+++)Si8O22(OH)2 Dana Class: 66.01.03c.09						
Photo 1		Photo 2	2	Photo 3				
12								

Specimen Number	013 Lot No.		Donor/Consignor No 200)					
	Topaz with Quartz and Fe			7					
Specimen Description	opaz from South Baldface Mountain, Chatham, Carroll County, New Hampshire. Fine kample of a gemmy 7 mm topaz in a miarolitic pocket of smoky quartz and microcline om the Conway Granite on Baldface Mountain. Ex Nate Martin. John Betts label, with notograph of this specimen featured on Mindat.								
Specimen Location	South Baldface Mtn. Chatham, NH								
SpecimenType	Donation \(\sim \)	Auction	n Type Voice Auction						
Length 5.0	Width 4.0 Height	2.0 w	Veight (g) 50						
Specimen Dimensions	5.0 x 4.0 x 2.0 cm.	Don/Co	on						
Mineral Data	Topaz $Al_2(SiO_4)(F,OH)_2$ Named after Topasos Island in the Red Sea. In antique times, the name was probably used for the gemstone that is now known as Peridot. Dana Class:52.03.01.01 Strunz Class:09.AF.3 Quartz : SiO_2 The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.0								
Photo 1	Photo	2	Photo 3						

Specimen Number	014	Lot No.		Donor/Consignor No	200					
Specimen Name	Benitoite									
Specimen Description	joaquinites from the joaquinite on altere	An exceptionally nice example of sapphire-blue benitoite, the state gem of CA, with orange oaquinites from the type locality of both, etched from a bed of white natrolite. The small oaquinite on altered serpentinite matrix to the right is particularly gemmy for the species. Extinct locality. Ex Nate Martin, with Earth's Treasures label.								
Specimen Location	SanBenito, CA									
SpecimenType	Donation	~	Auctio	on Type Voice Auction						
Length 78	Width	Height	•	Veight (g)						
Specimen Dimensions	78 x x cm.		Don/C	on						
Mineral Data	near the head County", Califo	Benitoite BaTi(Si ₃ O ₉) Named After the type locality, "as it occurs near the head waters of the San Benito River in San Benito County", California, USA Dana Class:59.01.01.02 Strunz Class:09.CA.05								
Photo 1		Photo 2	2	Photo 3						

Specimen Number	015	Lot No.		Donor/Consignor No 2	00				
		Ludlamite on Siderite							
Specimen Description	Ludlamite from Huahuni, Oruro, Bolivia. This is a deep green botryoidal mass of this hydrated iron phosphate from one of the classic localities for the species. Ex Nate Martin, with Arkenstone label.								
Specimen Location	Huanuni town in Dept. of Oruro, Bolivia.								
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 5.3	Width 4.9	Height 2		Weight (g) 97					
Specimen Dimensions	5.3 x 4.9 x 2.5 c	m.	Don/C	Con					
Mineral Data	Ludlamite Fe ²⁺ ₃ (PO ₄) ₂ · 4H ₂ O Named in 1877 by Frederick Field in honor of Henry Ludlam [October 14, 1824 England, United Kingdom - June 23, 1880 London, England. Dana Class:40.03.05.01Strunz Class:08.CD.20 Siderite FeCO ₃ Named in 1845 by Wilhelm Karl von Haidinger from the Greek "σίδηρος" (sideros), "iron", in allusion to its composition. Dana Class:14.01.01.03 Strunz Class:05.AB.05								
Photo 1		Photo 2	2	Photo 3	\neg				

Specimen Number	016	Lot No.		Donor/Consignor No	200					
Specimen Name										
Specimen Description	fluorite abunda	Fluorite, Papiol, Genoa, Spain. Translucent green octahedra of fluorite abundantly sprinkled on matrix from this popular locality outside Barcelona. From the Nate Martin fluorite collection.								
Specimen Location	El Papiol, Spain									
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction						
Length 6.0	Width 5.2	Height 4		Weight (g) 126						
Specimen Dimensions	6.0 x 5.2 x 4.0 c	m.	Don/C	Con						
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25									
Photo 1		Photo 2	2	Photo 3	_					

Specimen Number	017	Lot No.		Donor/Consignor No	200					
Specimen Name										
Specimen Description	crystals. While the examples from the	itilbite from Connecticut. Lustrous large blades of stilbite in a vug lined with smaller rystals. While the exact locality is not listed, the color and habit is reminiscent of xamples from the Thomaston Dam and O&G Traprock Quarry, both in Woodbury, connecticut. Ex Nate Martin.								
Specimen Location	CT									
SpecimenType	Donation			n Type Voice Auction						
Length 4.6	Width 4.4	Height 1	.8	Veight (g) 29						
Specimen Dimensions	4.6 x 4.4 x 1.8 c	m.	Don/C	on						
Mineral Data	Stilbite M6-7[Al8-9Si27-28O72] · nH2O Named in 1797 by Jean Claude de la Métherie from Greek στιλβη "stilbein", to glitter of shine, or "stilbe", a mirror, alluding to its pearly or vitreous luster. Dana Class:77.01.04.03 Strunz Class:09.GE.1									
Photo 1		Photo 2	2	Photo 3						

Our advisor Novels	018	l									
Specimen Number		Lot No.		Donor/Consignor No 200							
Specimen Name	Rhodochrosite,	Rhodochrosite, Leifite & Polylithionite									
Specimen Description	Hilaire, Quebec, (Rhodochrosite and leifite on polylithionite from the Poudrette Quarry, Mont Saint- Hilaire, Quebec, Canada. Superb combination piece, collected in 1984, showing hree of the unusual minerals for which this locality is famous. Ex Nate Martin.									
Specimen Location	Mont Saint-Hila Canada	Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, Canada									
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction							
Length L. Perky	Width	Height		Weight (g)							
Specimen Dimensions	L. Perky x x cr	n.	Don/C	Con							
Mineral Data	the Greek ρόδο, "ro Strunz Class:05.AB Leifite (Na,H2O)Na Eiríksson) (ca. 970 land in North Ameri Polylithionite KLi2A	Rhodochrosite: (MnCO _{30.)} Named in 1813 by Johann Friedrich Ludwig Hausmann from the Greek ρόδο, "rose", and χρώς, "coloring", referring to its color.Dana Class:14.01.01.04 Strunz Class:05.AB.05 Leifite (Na,H2O)Na6[Be2Al2(Al,Si)Si15O39]F2 Named after Leif Ericson (Old Norse: Leifr Eiríksson) (ca. 970 – ca. 1020) who was a Norse explorer regarded as he first European to land in North America Dana Class:78.07.10.01 Strunz Class:09.EH.25 Polylithionite KLi2Al(Si4O10)(F,OH)2 From the Greek "POLY," for many or much, and in allusion to its composition with a high LITHlum content. Dana Class: 71.02.02b.08 Strunz									
Photo 1		Photo	2	Photo 3							
Rhodochromite and Leifi on Polylithionite De-Mix Quarry Mount Saint Hilbire Giorge											

Specimen Number	019	Lot No.		Donor/Consignor No 200	0					
		Powellite on Stilbite								
Specimen Description	Powellite on stilbite from Shakur, Maharashtra, India. A classic combination of white powellite nestled in a bed of bladed fans of cream to white stilbite. Powellite glows bright light yellow under SW UV light. Ex Nate Martin.									
Specimen Location	Shakur, Maharashta, India									
SpecimenType	Donation	\ <u>\</u>	Auction	n Type Voice Auction						
Length 5.6	Width 5.5	Height 3.		eight (g) 101						
Specimen Dimensions	5.6 x 5.5 x 3.8 c	m.	Don/Co	on						
Mineral Data	Powellite: Ca(MoO4) Named in 1891 by William Harlow Melville in honor of the American geologist and explorer, John Wesley Powell [March 24, 1834. Dana Class:48.01.02.02 Strunz Class:07.GA.05 Stilbite M6-7[Al8-9Si27-28O72] · nH2O Named in 1797 by Jean Claude de la Métherie from Greek στιλβη "stilbein", to glitter of shine, or "stilbe", a mirror, alluding to its pearly or vitreous luster. Dana Class:77.01.04.03 Strunz Class:09.GE.10									
Photo 1		Photo 2	:	Photo 3	1					

Specimen Number	020	Lot No.		Donor/Consignor No	200					
Specimen Name	Bournonite									
Specimen Description	Province, China	Bournonite on quartz from the Yaogangxian Mine, Yizhang, Hunan Province, China. Lustrous silver crystals of bournonite on gray quartz. Ex Nate Martin.								
Specimen Location	Yaogangxian ore	Yaogangxian ore field, Chenzhou, Hunan, China								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length 5.7	Width 4.3	Height 2	2.5	Veight (g) 43						
Specimen Dimensions	5.7 x 4.3 x 2.5 cr	n.	Don/C	on						
Mineral Data	honor of Jacque August 1825], o	Bournonite: PbCuSbS3 Named in 1805 by Robert Jameson in honor of Jacques-Louis, Comte de Bournon [21 January 1751 - 24 August 1825], crystallographer and mineralogist. Dana Class: 03.04.03.02 Strunz Class:02.GA.50								
Photo 1		Photo 2	2	Photo 3						

Specimen Number	021	Lot No.		Donor/Consignor No 200)					
Specimen Name	Milarite									
Specimen Description	nice example o	Milarite from Moat Mountain, North Conway, New Hampshire. A nice example of the uncommon mineral milarite, from a vug in the Conway Granite on Moat Mountain. Ex Nate Martin.								
Specimen Location	Moat Mountain,	Moat Mountain, North Conway, NH								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length L Perky	Width	Height	v	Veight (g)						
Specimen Dimensions	L Perky X X cm	l .	Don/C	on						
Mineral Data	(1870) for the 'his first descrip	Milarite: K2Ca4Al2Be4Si24O60 · H2O. Named by Kenngott (1870) for the Val Milà, Grischun, Switzerland, where the material of his first description was erroneously said to come from. Dana Class:63.02.01a.12 Strunz Class:09.CM.05								
Photo 1		Photo 2	2	Photo 3						

Specimen Number	022	Lot No.		Donor/Consignor No 200					
Specimen Name	Topaz				7				
Specimen Description	Topaz from the Boa Vista Mine, Galileia, Minas Gerais, Brazil. Gemmy royal topaz, both free standing and embedded in matrix, from a Brazilian pegmatite locality. Ex Nate Martin.								
Specimen Location	Boa Vista Mine,	M.G. Brazil			7				
SpecimenType	Donation	\ <u>\</u>	Auctio	1 Type Voice Auction	_				
Length 4.5	Width 4.4	Height 4.	2 w	eight (g) 60					
Specimen Dimensions	4.5 x 4.4 x 4.2 c	m.	Don/C	on					
Mineral Data	Topaz: Al2(SiO4)(F,OH) Boa Vista Mine, M.G. Brazil. Named after Topasos Island in the Red Sea. In antique times, the name was probably used for the gemstone that is now known as Peridot.Dana Class:52.03.01.01 Strunz Class:09.AF.3								
Photo 1		Photo 2	!	Photo 3					

Specimen Number	023	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite on Calcite								
Specimen Description	Fluorite on calcite from Auglaiz, Ohio. Lavender cubic fluorites, zoned with slightly darker purple cores, from the Auglaize Quarry in Junction, Ohio. From the Nate Martin fluorite collection. Stepping Stone Minerals label.								
Specimen Location	Auglaize Qry, Moulton township, Ohio								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 4.8	Width 4.0	Height 3	v.4 v	Veight (g) 52					
Specimen Dimensions	4.8 x 4.0 x 3.4 c	m.	Don/C	on					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05								
Photo 1		Photo 2	2	Photo 3					

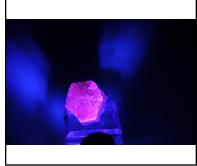
Specimen Number	024	Lot No.			200						
Specimen Name			& Lepidolote								
Specimen Description	combination piece	ydroxylherderite, elbaite and lepidolite from the Dunton Mine, Newry, Maine. Colorful ombination piece of hydroxylherderite, pale elbaite tourmaline and pink lepidolite ollected in 1978 from the famous Dunton Mine in Maine. Ex Nate Martin.									
Specimen Location	Dunton Mine, N	Dunton Mine, Newry, ME									
	Donation W. 14 0			on Type Voice Auction							
Length 7.5 Specimen Dimensions	Width 4.9 7.5 x 4.9 x 3.5 c	l <u>L</u>	.5 N	Veight (g) 145							
Mineral Data	Samuel L. Penfi Berman, and Fre Elbaite (Tourmal Named after the Dana Class: 6 Lepidolote:KLi2	Hydroxylherderite: CaBe(PO4)(OH) Named "hydro-herderite" in 1894 by Samuel L. Penfield. Named changed to "hydroxyl-herderite" by Palache, Berman, and Frondel in 1954. Elbaite (Tourmaline Grop)Na(Li1.5Al1.5)Al6(Si6O18)(BO3)3(OH)3(OH) Named after the type locality, the island of Elba, Italy. Dana Class: 61.03d.01.08 Strunz Class:09.CK.05 Lepidolote:KLi2Al(Si4O10)(F,OH) Named after the type locality, the island of Elba, Italy. Dana Class:71.02.02b.07 Strunz Class: 09.EC.20									
Photo 1		Photo 2	2	Photo 3							

		7			r					
Specimen Number	025	Lot No.		D ₍	onor/Consignor No	200				
Specimen Name	Apatite Group	(Carbonate-ri	(ch)							
Specimen Description		Carbonate apatite from Minas Gerais, Brazil. Large crystals of arbonate apatite from a pegmatite in Brazil. Ex Nate Martin.								
Specimen Location	Minas Gerais,	Minas Gerais, Brazil								
SpecimenType	Donation		Aucti	on Type	• Voice Auction					
Length 4.0	Width 3.4	Height 3		Weight (
Specimen Dimensions	4.0 x 3.4 x 3.3	cm.	Don/	Con						
Mineral Data	Renamed in 1 Carl F. Ramm Apatite is fron was often cor	Fluor-apatite (Carbonate-rich Ca5(PO4,CO3)3F Renamed in 1860 from the original apatite of Abraham Werner by Carl F. Rammelsberg to emphasize the chemical composition. Apatite is from the Greek ἀπατάω (apatao), to deceive, as apatite was often confused with other minerals (e.g. beryl, milarite or phenakite).Dana Class:41.08.01.04 Strunz Class:08.BN.05								
Photo 1		Photo	2		Photo 3					

Specimen Number	026	Lot No.		Donor/Consignor No	200				
Specimen Name		cimens, large	er one's dimen						
Specimen Description	specimens showing	wo fluorite specimens from the Nikolaevsky Mine in Dal'Negorsk, Primorsky, Russia. Two pecimens showing small water clear fluorites from the world famous Dal'Negorsk eposits. From the Nate Martin fluorite collection. Rocksmith and Trinity Mineral Company abels.							
Specimen Location	Nikolaevskiy M Krai, Russia	Nikolaevskiy Mine, Dalngorsk, Dalnegorsk Urban District, Primorsky Krai, Russia							
SpecimenType Length 4.3	Donation Width 3.1	∨ Height [1		n Type Voice Auction					
Specimen Dimensions	4.3 x 3.1 x 1. cn	1.	Don/C	on					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	027 Lot No.	Donor/Consignor No 200						
Specimen Name	Corundum (Cr-bearing) Ruby							
Specimen Description	Ruby corundum from Madagascar. Classic squat purplish red corundum (var. ruby). Ruby corundur fluorescent light and even turns brighter red in su	m fluoresces bright red under						
Specimen Location	Madagascar							
SpecimenType	Donation \(\) Auction	Type Voice Auction						
Length 2.5	Width 2.4 Height 1.2 We	eight (g) 25						
Specimen Dimensions	2.5 x 2.4 x 1.2 cm. Don/Cor	n						
Mineral Data	Corundum (Cr-bearing) Ruby Al2O3 Nam	ned "corinvindum" in 1725						
	by John Woodward and derived from the ("Ruby"). Richard Kirwan used the curren 1794. Known by many names in ancient ruby, hyacinthos, asteria, etc. Dana Class:04.03.01.01 Strunz Class:04	nt spelling "corundum" in times: adamant, sapphire,						
Photo 1	Photo 2	Photo 3						





Specimen Number	028	Lot No.		Donor/Consignor No	00					
Specimen Name	Mimetite									
Specimen Description	from this locality. T	limetite from Mapimi, Mexico. Mimetite ranges in color from green to yellow to orange om this locality. This specimen displays intense orange balls of mimetite scattered across a face. While not listed as such, this specimen most likely comes from the Ojuela Mine. x Nate Martin.								
Specimen Location	Mapimi, Mexico)								
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction						
Length 5.0	Width 4.2	Height 4	·.2	Weight (g) 128						
Specimen Dimensions	5.0 x 4.2 x 4.2 c	m.	Don/C	on						
Mineral Data	Beudant from resemblance t	Mimetite Pb5(AsO4)3Cl Named in 1835 by François Sulpice Beudant from the Greek μϊμητής for "imitator," in allusion to its resemblance to pyromorphite. Dana Class:1.08.04.02 Strunz Class:08.BN.05								
Photo 1		Photo 2	2	Photo 3	٦					

Specimen Number	029	Lot No.		Donor/Consig	nor No 200					
Specimen Name	Quartz var. An	nethyst								
Specimen Description	doubly-termina	methyst from Wrentham, Massachusetts. This is a very fine, oubly-terminated crystal of amethyst from the Aggregate Industries Quarry in Wrentham, MA. Ex Nate Martin.								
Specimen Location	Wrentham, MA									
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Au	ction					
Length Perky	Width	Height		Veight (g)						
Specimen Dimensions	Perky x x cm.		Don/C	on						
Mineral Data	1 -	in about 300	0-325 BCE, к	nown is recorded ρύσταλλος or kris 04.DA.05	-					
Photo 1		Photo 2	2	Photo 3						

	020	·		_		200				
Specimen Number		Lot No.		Do	onor/Consignor No	, [200]				
Specimen Name	Fluorite, Sphal	erite, & Bary	te							
Specimen Description	specimen displays	luorite (with sphalerite and baryte) from the Tao Ling Mine, Hunan Province, China. This becimen displays large, complex stepped cuboctahedral white fluorite crystals with excessory white bladed baryte on sphalerite. From the Nate Martin fluorite collection.								
Specimen Location	Taoling, Hunan	aoling, Hunan Sheng, China								
	Donation	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Voice Auction					
Length 8.5	Width 7.0	Height 5.	<u> </u>	Weight (g	g) [283					
Specimen Dimensions	8.5 x 7.0 x 5.5 c	m.	Don/C	on _						
Mineral Data	as a flux). Fluorescen Sphalerite , ZnS Orion 1847 by Ernst Fried allusion to the ease lead. Dana Class:03 Baryte , BaSO4 Nan heavy, due to its un	Fluorite: Named in 1797 by Carlo Antonio Galeani Napione from Latin fluere = "to flow" (for its use is a flux). Fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 Sphalerite, ZnS Originally called blende in 1546 by Georgius Agricola Named Sphalerite in 847 by Ernst Friedrich Glocker from the Greek σφαλεροζ "sphaleros" = treacherous, in sillusion to the ease with which dark varieties were mistaken for galena, but yielded no lead. Dana Class:02.08.02.01Strunz Class: 02.CB.05a Saryte, BaSO4 Named in 1800 by Dietrich Ludwig Gustav Karsten from the Greek βάρυζ, leavy, due to its unusual heaviness for a non-metallic mineral. Dana Class:28.03.01.01								
Photo 1		Photo 2			Photo 3					

Specimen Number	031	Lot No.		Donor/Consignor No	200					
Specimen Name	Babingtonite									
Specimen Description	cluster of lustrous b recent finds in Chin	abingtonite from Lane's Trap Rock Quarry, Westfield, Massachusetts. This is a fine small uster of lustrous black babingtonite crystals from the famous Lane's Quarry. Prior to the cent finds in China, babingtonite from the Lane's Quarry was considered among the lest in the world. Ex Nate Martin.								
Specimen Location	1	ane & Son traprock quarries (Lane's Quarry), Westfield, Hampden ounty, Massachusetts, USA								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length 3.7	Width 3.2	Height 2	2.0	Veight (g) 17						
Specimen Dimensions	3.7 x 3.2 x 2.0 c	m.	Don/C	on						
Mineral Data	Named after D near Coleraine	Babingtonite Ca2(Fe,Mn)FeSi5O14(OH) Named after Dr. William Babington (May 21, 1756 Portglenone, near Coleraine, County Antrim, Northern Ireland, UK Dana Class: 65.04.01.02 Strunz Class: 09.DK.05								
Photo 1		Photo 2	2	Photo 3	_					

Specimen Number	032	Lot No.		Donor/Consignor No 20	0				
Specimen Name									
Specimen Description	Fluorite and stilbite from the San Martin Mine, Zacatecas, Mexico. Large, deep purple cuboctahedra of fluorite with accessory stilbite.								
Specimen Location		From the Nate Martin fluorite collection. Webminerals label. San Martin Mine, Zacatecas, Mexico							
SpecimenType Length 7.9	Donation Width 5.3	v Height 2		on Type Voice Auction Weight (g) 88					
Specimen Dimensions	7.9 x 5.3 x 2.4 c	m.	Don/C	Con					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Stilbite M6-7[Al8-9Si27-28O72] · nH2O Named in 1797 by Jean Claude de la Métherie from Greek στιλβη "stilbein", to glitter of shine, or "stilbe", a mirror, alluding to its pearly or vitreous luster. Dana Class:77.01.04.03 Strunz Class:09.GE.10								
Photo 1		Photo 2	2	Photo 3	1				

Specimen Number	033	Lot No.		Donor/Consignor No	200					
Specimen Name	Wulfenite & M									
Specimen Description	Bright yellow-orange "window pane" wulfenite scattered on deep orange mimetite.Mapimi is more famous for blocky and bipyramidal wulfenite,but some older specimens display this window pane habit, which is more common at the San Francisco and Rowley mines farther to the NW in northern Mexico and adjacent Arizona. Ex Nate Martin.									
Specimen Location	Mexico	Mexico								
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction						
Length 9.2	Width 6.9	Height 5	5.1 W	eight (g) 197						
Specimen Dimensions	9.2 x 6.9 x 5.1 c	m.	Don/Co	on [
Mineral Data	Haidinger in ho Dana Class:48 Mimetit e Pb5(A Beudant from resemblance to	Wulfenite Pb(MoO4) Renamed in 1845 by Wilhelm Karl von Haidinger in honor of Franz Xaver Freiherr von Wulfen. Dana Class:48.01.03.01 Strunz Class:07.GA.05 Mimetite Pb5(AsO4)3Cl Named in 1835 by François Sulpice Beudant from the Greek μϊμητής for "imitator," in allusion to its resemblance to pyromorphite. Dana Class:1.08.04.02 Strunz Class:08.BN.05								
Photo 1		Photo	2	Photo 3	\neg					
33										

Specimen Number	034	Lot No.		Donor/Consignor No	200				
Specimen Name	Strontianite								
Specimen Description	Strontianite (mislabeled "strontinite") from the Francon Quarry, Montreal, Quebec, Canada. An aesthetic cluster of white strontianite puffballs, typical of those from the Francon Quarry. Ex Nate Martin.								
Specimen Location	Francon Quarry, Montreal, Québec, Canada								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length L. Perky	Width	Height _	v	Veight (g)					
Specimen Dimensions	L. Perky x x cı	n.	Don/C	on					
Mineral Data	Strontianite:SrCO3 Named in 1791 by Friedrich Gabriel Sulzer after its discovery locality, Strontian, Scotland. Dana Class:14.01.03.03 Strunz Class:05.AB								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	035	Lot No.		Donor/Consignor No 200					
Specimen Name			Vanadinite)		7				
Specimen Description	Chihuahua, Mexico. almost certainly fror	ndlichite (Arsenic-bearing vanadinite) listed as being from the Ahumada Mine in hihuahua, Mexico. This is a lovely bed of jackstraw needles of dark brown endlichite, most certainly from the Erupcion Mine in Alhumada Municipality, Chihuahua, Mexico Probably a misread of "Alhumada M." from a now-lost older label). Ex Nate Martin.							
Specimen Location	Chihuahua, Mex	ico]				
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction					
Length 4.7	Width 3.5	Height 2.8	W	eight (g) 37					
Specimen Dimensions	4.7 x 3.5 x 2.8 cm	m.	Don/Co	on					
Mineral Data	Rio (1764-1849 before the elen	Vanadinite Pb5[(V,As)O4]3Cl First discovered by Señor A.M. del Rio (1764-1849), Professor, School of Mines of Mexico, Zimapan, pefore the element vanadium was discovered in 1830. Dana Class:41.08.04.03 Strunz Class:08.BN.05							
Photo 1		Photo 2		Photo 3					

Specimen Number	036	Lot No.		Donor/Consignor N	o 200				
Specimen Name		(Apatite Group) Fluor-apatite							
Specimen Description	mine on the outskir	Several gemmy yellow-green crystals of apatite embedded in matrix, from an open pit iron nine on the outskirts of Durango, Mexico. As an interesting aside, these Durango apatites ave been found to have an amazingly consistent chemistry, which has led them to ecome an international chemical standard. Ex Nate Martin.							
Specimen Location	Victoria de Dura	Victoria de Durango, Mexico							
SpecimenType Length 5.7	Donation Width 4.5	∨ Height 2	Aucti	on Type Voice Auction Weight (g) 71					
Specimen Dimensions	5.7 x 4.5 x 2.8 c	m.	Don/	Con					
Mineral Data	Renamed in 18 Carl F. Ramme Apatite is from was often conf	Renamed in 1860 from the original apatite of Abraham Werner by Carl F. Rammelsberg to emphasize the chemical composition. Apatite is from the Greek ἀπατάω (apatao), to deceive, as apatite was often confused with other minerals (e.g. beryl, milarite or otherwise). Dana Class:41.08.01.04 Strunz Class:08.BN.05							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	037	Lot No.		Donor/Consignor	No 200			
Specimen Name	Milarite							
Specimen Description	very representative white mineral in wh	adiating mass of coarse light green crystals of milarite, a complex beryllium silicate, and ery representative of material from this deposit. While not listed on the label, the pearly hite mineral in which the milarite is intergrown is probably bavenite, another complex eryllium silicate. Ex Nate Martin. Mineralogical Research label.						
Specimen Location	Ermakovskoe B	e Deposit, K	izhinginsky D	istrict, Buryatia, Russia	ı			
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction	1			
Length 4.5	Width 2.8	Height 2	2.6	Weight (g) 41				
Specimen Dimensions	4.5 x 2.8 x 2.6 c	m.	Don/0	Con				
Mineral Data	Milarite: K2Ca4Al2Be4Si24O60 · H2O. Named by Kenngott (1870) for the Val Milà, Grischun, Switzerland, where the material of his first description was erroneously said to come from. Dana Class:63.02.01a.12 Strunz Class:09.CM.05							
Photo 1		Photo 2	2	Photo 3				

Specimen Number	038	Lot No.		Donor/Consignor No	200			
Specimen Name	Fluorite							
Specimen Description	semi-lustrous deep discovery in 2001 in	uorite from Rossport, Ontario, Canada. This hand specimen is completely covered in emi-lustrous deep purple cubes of fluorite. This is an excellent example from this one-off scovery in 2001 in a roadcut on Highway 17 outside Rossport, Ontario. From the Nate artin fluorite collection. Northern Lights Minerals label.						
Specimen Location	Rossport, Ontari	o, Canada						
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction				
Length 8.0	Width 5.8	Height 3	.8 W	Veight (g) 157				
Specimen Dimensions	8.0 x 5.8 x 3.8 c	m.	Don/Co	on				
Mineral Data	Latin, fluere = "to	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2						
Photo 1		Photo 2	2	Photo 3				

Specimen Number	Donor/Consignor No 200							
Specimen Name	Flourite & Galena							
opcomici Description	Fluorite on galena and sphalerite from Naica, Mexico. Parallel growths of frosted clear fluorite octahedra from a classic fluorite locality in Mexico. The Showcase label. From the Nate Martin fluorite collection.							
Specimen Location	Naica, Mexico							
SpecimenType	Donation \(\sqrt{\sqrt{\text{Voice Auction}}} \)							
Length 7.7	Width 4.9 Height 4.6 Weight (g) 258							
Specimen Dimensions	7.7 x 4.9 x 4.6 cm. Don/Con							
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Galena, PbS Named by Pliny the Elder in 77-79 from the Greek "galene" meaning "lead ore" Dana Class:02.08.01.0 Strunz Class:02.CD.10							
Photo 1	Photo 2 Photo 3							





Specimen Number	040	Lot No.		Donor/Consignor No	00				
Specimen Name	Carrolite								
Specimen Description	uncommon copper	Carollite and calcite from Kamoya, Katanga, DR Congo. Excellent example of carollite, an uncommon copper-cobalt-nickel sulfide, showing the classic octahedral form, stepped faces and shiny silver-gold reflectivity. Ex Nate Martin, with Jewel Tunnel Imports label.							
Specimen Location	Katanga, D.R.C.								
SpecimenType	Donation	\ <u>\</u>	Auctior	Type Voice Auction					
Length 4.2	Width 3.8	Height 2.		eight (g) 34					
Specimen Dimensions	4.2 x 3.8 x 2.8 c	em.	Don/Co	on					
Mineral Data	Carrolite CuCo2S4 Named in 1852 by William Leonard Faber after the type locality in Carroll County, Maryland, USA Dana Class:02.10.01.02 Strunz Class:02.DA.05								
Photo 1		Photo 2		Photo 3	7				

Specimen Number	041	1 -4 11-		Donor/Consignor No 200					
-		Lot No.	aslita & Chah		_				
Specimen Name	Scheente var: N	101y Daosen	eente & Chan	oazne					
Specimen Description	self-collected examp molybdoscheelite gr	cheelite (var. Molybdoscheelite) and chabazite from Hudson, MA. This is a Nate Martin elf-collected example of Mo-bearing scheelite from the Route 62 locality. The whitish olybdoscheelite grains are fairly nondescript in daylight, resembling the associated uartz, but glow intense pale yellow under SW UV light.							
Specimen Location	Rte 62 Hudson,	MA							
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 5.2	Width 5.0	Height 4	.8	Weight (g) 157					
Specimen Dimensions	5.2 x 5.0 x 4.8 cm	m.	Don/0	Con					
Mineral Data	Scheelite:Ca(WO4) Named in 1821 by Karl Caesar von Leonhard in honor of Carl Wilhelm Scheele [December 9, 1742, Stralsund, Pomerania, Sweden. Chabazite: (Na2,K2,Ca,Mg)[Al2Si4O12]·6(H2O)Named in 1788 by Louis-Augustin Bosc d'Antic from the Greek chabazios, tune or melody, one of twenty stones named in the poem Peri lithos, which extolled the virtues of minerals. The poem is ascribed to Orpheus, legendary founder of the Orphic cult, which flourished in Greece in the early centuries. Dana Class:77.01.02.01a Strunz Class:09.GD.10								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	042	Lot No.		Donor/Consignor No	200				
Specimen Name	Quartz & Pyrit	te							
Specimen Description	small spray of	Quartz with pyrite and chalcopyrite from Pachuqua, Peru. Lovely mall spray of slender quartz needles sitting on a matrix of sulfides.							
Specimen Location	Pachuca, Peru								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 7.2	Width 4.8	Height 2	.8 v	Veight (g) 72					
Specimen Dimensions	7.2 x 4.8 x 2.8 c	m.	Don/C	on					
Mineral Data	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05 Pyrite FeS2 Named in antiquity from the Greek "pyr" for "fire", because sparks flew from it when struck with another mineral or metal. Known to Dioscorides (~50 CE) under the name "περι υληζ ιατρικηζ" which included both pyrite and chalcopyrite. Dana Class: 02.12.01.01Strunz Class:02. EB.05								
Photo 1		Photo 2	2	Photo 3	_				

Specimen Number	043	Lot No.		Dono	r/Consignor No 200)				
Specimen Name	Libethenite	Libethenite								
Specimen Description	Libethenite from Slovakia. Numerous small crystals of dark green ibethenite, an unusual copper phosphate, probably from the prolific Podlipa Deposit in Lubietova, Slovakia. Ex Nate Martin.									
Specimen Location	Banská Bystrica	Banská Bystrica District, Slovakia								
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type V	oice Auction					
Length L. Perky	Width	Height [Weight (g)						
Specimen Dimensions	L. Perky x x cı	n.	Don/0	Con						
Mineral Data	Libethenite: Cu2(PO4)(OH) Named in 1823 by August Breithaupt after the type locality - L'ubietová (Libethen in German, Libetbánya in Hungarian), Slovak Republic. Prior to 1919, the locality was in the territory of Hungary. Dana Class:41.06.06.02 Strunz Class:08. BB.30									
Photo 1		Photo 2	!		Photo 3					

				, –				
Specimen Number	044	Lot No.		Donor/Consignor No 2	00			
Specimen Name	Fluorite							
Specimen Description	representative piece hydrothermal depos	uorite from the Elmwood Mine, Carthage, Tennessee. This is an aesthetic and very presentative piece of the pale purple fluorite from the famous Elmwood Mine. This is a vdrothermal deposit formed on gray dolomite breccia. From the Nate Martin fluorite ollection. Scholten's Fine Minerals label.						
Specimen Location	Elmwood Mine,	Carthage, TN			\neg			
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction				
Length 5.4	Width 4.3	Height 3.2	W	eight (g) 82				
Specimen Dimensions	5.4 x 4.3 x 3.2 c	m.	Don/Co	n				
Mineral Data	Latin, fluere = "to	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2						
Photo 1		Photo 2		Photo 3	_			

Specimen Number	045	Lot No.		Donor/Consignor No 20	00			
Specimen Name								
opcomen rume								
Specimen Description			•	ngland, UK. Clear white				
	luorite cubes from a prolific English fluorite district. From the Nate Martin fluorite collection.							
Specimen Legation					\dashv			
Specimen Location	Derbyshile Elig.	iaiiu						
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 6.4	Width 4.0	Height 2		Weight (g) 80				
		·						
Specimen Dimensions	0.4 x 4.0 x 2.9 c	iii.	Don/0	Con [
Mineral Data			•	ntonio Galeani Napione from				
	· ·	`		flux). The term fluorescence 1.01 Strunz 03.AB. 2	IS			
			•	Plinius Secundus (Pliny the elde	, I			
				01.01.01 Strunz Class: 05.AB.05 vn is recorded by Theophrast				
	_			tallos. Dana Class:75.01.03.0				
	Strunz Class:04	.DA.05						
Photo 1		Photo 2	2	Photo 3				
]			
All and a second	156h							

	046]			\neg				
Specimen Number	-	Lot No.		Donor/Consignor No 200					
Specimen Name	Bournonite, Fl	uorite & Qu	artz						
Obecinien Describiton	fine example of sha	Sournonite on fluorite and quartz, from Yaogangxian Wolfram Mine, China. An extremely ne example of sharp silver bournonite crystals perched on pale lavender fluorite. Ex Nate Martin fluorite collection. Well-Arranged Molecules label.							
Specimen Location	Hunan Prov., Cl	nina			Ī				
SpecimenType	Donation	\ <u>\</u>	Aucti	on Type Voice Auction					
Length 4.8	Width 4.4	Height 3	5.4	Weight (g) 75					
Specimen Dimensions	4.8 x 4.4 x 3.4 c	m.	Don/0	Con					
Mineral Data	Bournonite: PbCuSbS3 Named in 1805 by Robert Jameson in honor of Jacques-Louis, Comte de Bournon [21 January 1751 - 24 August 1825], crystallographer and mineralogist. Dana Class: 03.04.03.02 Strunz Class:02.GA.50 Fluorite: Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	047	Lot No.		Donor/Consignor No	200				
Specimen Name									
Specimen Description	pale blue fluorite	luorite from the Royal Flush Mine, Bingham, New Mexico. An aesthetic cluster of ale blue fluorite cubes on matrix. A fine example from this classic locality. From the Nate Martin fluorite collection.							
Specimen Location	Royal Flush Mir	ne, Bingham,	NM						
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction					
Length 11.0	Width 4.5	Height 2	.6 W	eight (g) 220					
Specimen Dimensions	11.0 x 4.5 x 2.6	cm.	Don/Co	on					
Mineral Data	Fluorite: Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25								
Photo 1		Photo 2	2	Photo 3	\neg				

Specimen Number	048	Lot No.		Donor/Consignor No 20	00				
Specimen Name									
Specimen Description	Actinolite from West Pierrepoint, New York. Excellent example of the large, free growing actinolite crystals from this historic amphibole locality in far upstate New York. Ex Nate Martin.								
Specimen Location	West Pierrepont	West Pierrepont, NY							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 7.3	Width 7.2	Height 6.4		Veight (g) 164					
Specimen Dimensions	7.3 x 7.2 x 6.4 c	m.	Don/Co	on					
Mineral Data	Actinolite13:24:30 Ca2(Mg4.5-2.5Fe0.5-2.5)Si8O22(OH)2 Named in 1794 by Richard Kirwan from the Greek ακτίνα ("aktina") for "ray" and λίθος ("lithos") for "stone" in allusion to the fibrous nature of the original specimens. Dana Class:66.01.03a.02 Strunz Class: 09.DE.10								
Photo 1		Photo 2		Photo 3	7				

Specimen Number	049 Lot No.	Donor/Consignor No 200							
Specimen Name	Uvite								
Specimen Description	vite from Power's Farm in Pierrepoint, New York. Coarse blackish-brown ystals of uvite tourmaline (probably fluor-uvite in the new tourmaline scheme) om an unusual locality in upstate New York. Ex Nate Martin.								
Specimen Location	Bower Powers Farm, Pierrpont, NY								
SpecimenType Length 6.4		Type Voice Auction							
Specimen Dimensions	6.4 x 5.8 x 3.9 cm. Don/Cor	n							
Mineral Data	Uvite CaMg3(Al5Mg)(Si6O18)(BO3)3(OF Province, Sri Lanka, the first reported occ Dana Class:61.03b.01.03 Strunz Class:0	currence.							
Photo 1	Photo 2	Photo 3							

Specimen Number	050	Lot No.		— ,	Donor/Consignor No 200	
Specimen Name					Donon-consignor No 200	
Opecimen Name		Jiu				
Specimen Description	_				Chihuahua, Mexico.	
		•			d shiny galena from the ne Collector's Stope.	;
Specimen Location			LIOII. LADCI II		le concetor à ctope.	\exists
Specimen Location	Inaica, Mexico					
SpecimenType	Donation	\ <u>\</u>	Auct	ion Tyn	voice Auction	
Length 6.3	Width 4.8	Height 3			t (g) 84	
		_				
Specimen Dimensions	0.5 X 4.6 X 5.1 C	111.	Don	Con [
Mineral Data			•		Galeani Napione from the	е
	1	`		,	term fluorescence is Strunz 03.AB.25	
	Galena, PbS 1	Named by F	Pliny the Eld		7-79 from the Greek	
	"galene" meani Dana Class:02	•		02 CD	10	
	Daria Glass.02	.00.01.0	uunz Olass.	02.00	7.10	
Photo 1		Photo 2	2		Photo 3	

Specimen Number	051	Lot No.		Donor/Consignor No	200					
Specimen Name	Siderite & Qua	ırtz								
Specimen Description	famous for its sider platy crystals which	enticular crystals of brown siderite on a bed of milky quartz from a classic Devon locality mous for its siderites. This mine is noted for its "fish scale" habit, with an overlapping of aty crystals which can resemble fish scales, as seen in this specimen. Labels from a 393 Argentum auction and from the Scalisi Collection. Ex K. Williams, Nate Martin.								
Specimen Location	Virtuous Lady I	Mine, Devon	England							
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction						
Length 6.0	Width 4.5	Height 4	v.5 v	/eight (g) 83						
Specimen Dimensions	6.0 x 4.5 x 4.5 c	em.	Don/C	on						
Mineral Data		•	-	nelm Karl von Haidinge	er e					
	from the Greel composition.	ς "σίδηρος"	(sideros), "iro	n", in allusion to its						
	Dana Class:14	I.01.01.03 S	Strunz Class:0	5.AB.05						
Photo 1		Photo 2	2	Photo 3						

Specimen Number	052	Lot No.		Donor/Consigno	or No 200					
Specimen Name	Fluorite & Pyr	rhotite								
Specimen Description	accessory Pyri	Cuboctahedral clear/gray fluorite crystals surrounded by clusters of accessory Pyrrhotite, from the Santa Eulalia District of Chihuahua, Mexico. Trinity Mineral Company label. Ex Nate Martin.								
Specimen Location	Chihuahua, Mex	Chihuahua, Mexico								
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Aucti	on					
Length 4.3	Width 3.1	Height 3	3.0	Weight (g) 53						
Specimen Dimensions	4.3 x 3.1 x 3.0 c	m.	Don/C	on						
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 Pyrrhotite: Fe1-xS Named in 1847 by Ours-Pierre-Armand Petit-Dufrénoy from Greek πνρρός "pyrrhos", flame-colored									
Photo 1		Photo	2	Photo 3						

Specimen Number	053	Lot No.		Donor/Consigno	or No 200					
Specimen Name	Boulangerite									
Specimen Description	appears to be	Dense clusters of silvery gray boulangerite needles on what appears to be clear/gray calcite, from the well-known Ramsbeck nining district in Germany. Ex Nate Martin.								
Specimen Location	Ramsbeck, Geri	nany								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auct	ion					
Length 5.4	Width 4.0	Height 2	9	Veight (g)						
Specimen Dimensions	5.4 x 4.0 x 2.9 c	m.	Don/C	on						
Mineral Data	Boulangerite Pb5Sb4S11 Named in 1837 by Moritz Christian Julius Thaulow in honor of Charles Louis Boulanger (6 May 1810 - 6 October 1849), a French mining engineer. Dana Class:03.05.02.01 Strunz Class:02.HC.15									
Photo 1		Photo 2	2	Photo 3						

Specimen Number	054	Lot No.		Donor/Consignor No	200					
Specimen Name										
Specimen Description	Mine in Chile. The cuprian powellite he	howy specimen of the rare bright green cuprian variety of powellite from the Jardinera #1 line in Chile. The Terry Sczenics label hints this is one of the famous specimens of uprian powellite he mined in the 1990s, a few of which have been discovered to contain the rare mineral sczenicsite. Trinity Mineral Company label. Ex Nate Martin.								
Specimen Location	Inca de Oro, Ch	ile								
	Donation	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		n Type Voice Auction						
Length 7.8	Width 5.9	Height 2.	.8 W	/eight (g) 114						
Specimen Dimensions	7.8 x 5.9 x 2.8 c	m.	Don/Co	on						
Mineral Data	Powellite: Ca(MoO4) Named in 1891 by William Harlow Melville in honor of the American geologist and explorer, John Wesley Powell [March 24, 1834. Dana Class:48.01.02.02 Strunz Class:07.GA.05									
Photo 1		Photo 2	2	Photo 3						

Specimen Number	055	Lot No.			Donor/Consignor No 20	00					
Specimen Name	Cuprite on Cop	per									
Specimen Description	1 '	Sparkly cluster of small, deep red-black octahedral cuprite crystals on copper, from Redruth, Cornwall, England. E. L. Clopton label. Ex late Martin.									
Specimen Location	Redruth, Cornw	Redruth, Cornwall, England									
SpecimenType	Donation	~	Aucti	on Typ	e Voice Auction						
Length 4.9	Width 3.6	Height 2.	.7	Weight	(g) 44						
Specimen Dimensions	4.9 x 3.6 x 2.7 c	m.	Don/e	Con [
Mineral Data	Cuprite: Cu2O Named in 1845 by Wilhelm Karl von Haidinger from the Latin "cuprum," in allusion to its composition. Dana Class:04.01.01.01 Strunz Class:4.AA.10 Copper: Cu From Greek "kyprios", of Cyprus, the location of ancient copper mines; Latin "cuprum".										
Photo 1		Photo 2	2		Photo 3	7					

Specimen Number	056	Lot No.		Donor/Consignor No	200					
		Vitherite & Fluorite								
Specimen Description	with pale purple fluctions witherite in the US of	esinous, whitish-gray witherite crystals, with intense white UV fluorescence, associated ith pale purple fluorite, from the Minerva #1 Mine in Illinois. Some of the best crystallized therite in the US comes from this locality. From the Nate Martin fluorite collection, exuane and Nancy Leavitt.								
Specimen Location	Minerva #1 Min	e Cave-In-R	ock, IL							
SpecimenType Length 9.0	Donation Width 5.8	V Height 3		n Type Voice Auction Veight (g) 286						
	9.0 x 5.8 x 3.8 c	·								
Mineral Data	English physic Fluorite : CaF2 l Latin, fluere = "to	Witherite: BaCO3 Named after William Withering (1741-1799), English physician and naturalist, who first described the mineral. Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2								
Photo 1		Photo 2	2	Photo 3						

Specimen Number	057	Lot No.		Donor/Consignor No	200						
Specimen Name	Epidote, Quar	tz & Titanite	e								
Specimen Description	Alaska, with acce	Coarse epidote from the world-famous Green Monster Mountain locality in claska, with accessory quartz. While titanite is listed on the Summit Minerals abel, this mineral is not listed from this locality on MinDat. Ex Nate Martin.									
Specimen Location	Green Monster	Green Monster Mountain, Prince of Wales Island, Alaska									
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction							
Length 4.0	Width 2.7	Height 2	2.7 v	Veight (g) 198							
Specimen Dimensions	4.0 x 2.7 x 2.7 c	em.	Don/C	on							
Mineral Data	Epidote: (CaCa)(AlAlFe³+)O[Si₂O₂][SiO₄](OH)Named in 1801 by Rene Just Haüy from the Greek επιδοσιζ ("epidosis"), meaning "increase", in allusion to the crystal characteristic of one longer side at the base of the prism. Quartz: SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05 Titanite: CaTi(SiO₄)O First recognized as "nouveau substance minérale" in 1787 by Marc August Pictet, but only described and named in 1795 by Martin Klaproth for its titanium content. A common synonym, sphene (from the Greek sphenos (σφηνώ), meaning wedge										
Photo 1		Photo	2	Photo 3							

Specimen Number	058	Lot No.		Donor/Consignor No 20	00					
Specimen Name	Strengite									
Specimen Description	Many small, pale lilac crystals of strengite, on a black crust of amorphous phosphates, from this famous old locality in Cherokee, Alabama. Collected in M. M. Groben in 1972. Ex Nate Martin.									
Specimen Location	Indian Mounta	Indian Mountain, Cherokee, AL								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length 7.3	Width 5.5	Height 3	.5 v	Veight (g) 113						
Specimen Dimensions	7.3 x 5.5 x 3.5	cm.	Don/C	on						
Mineral Data	Strengite: FePO4 · 2H2O Named after Johann August Streng [February 4, 1830 Frankfurt, Germany - January 7, 1897 Giessen, Germany]									
Photo 1		Photo 2	2	Photo 3	7					

Specimen Number	059	Lot No.		Donor/Consigno	or No 200					
Specimen Name	Phlogopite									
Specimen Description	Afghanistan. Possik which it resembles,	emmy hexagonal book of orange-brown phlogopite in white calcite marble from fghanistan. Possibly from the famous gem phlogopite-bearing marbles from Badakshan, hich it resembles, rather than Nooristan, as listed on the label but unlisted on MinDat. luorescent orange brown and orange. Ex Nate Martin.								
Specimen Location	Kunar Tal, Noo	Lunar Tal, Nooristan, Afghanistan								
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Aucti	on					
Length 6.1	Width 3.8	Height 2	2.9	Weight (g) 89						
Specimen Dimensions	6.1 x 3.8 x 2.9 c	m.	Don/0	Con						
Mineral Data	Phlogopite: KMg3(AlSi3O10)(OH)2 Named in 1841 by Johann Friedrich August Breithaupt from the Greek φλογωποζ "phlogopos" for "resembling fire", in allusion to the red tint of the original specimens.									
Photo 1		Photo 2	2	Photo 3						

Specimen Number	060	Lot No.		Donor/Consignor No	200				
Specimen Name	Aegerine & Fluori	ite		_					
Specimen Description	bladed crystals (microcl	egerine needles and small green cuboctahedral fluorites on a bed of unidentified gray aded crystals (microcline?), from Mont Saint Hilaire in Quebec. The green fluorites are milar to ones noted from finds around 2000. From the Nate Martin fluorite collection.							
Specimen Location	Mont Saint-Hilaire, Canada	Iont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, anada							
SpecimenType Length 6.0	Donation Width 5.2	V Height 3		on Type Voice Auction Weight (g) 39					
Specimen Dimensions	6.0 x 5.2 x 3.3 cm.		Don/C	on					
Mineral Data	(1821) from Rund Dana Class: 65.0 Fluorite: CaF2 Na from the Latin, flu	Aegirine NaFe+++Si2O6 First described as acmit by P. H. Ström (1821) from Rundemyr, Øvre Eiker, Buskerud, Norway Dana Class: 65.01.03c.02 Strunz Class:09.DA.25 Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01							
Photo 1		Photo 2		Photo 3	\neg				

Specimen Number Specimen Name								
Specimen Description	Complex stepped crystal of purple fluorite on matrix from the Cave In Rock fluorite district in Illinois. From the Nate Martin fluorite collection.							
Specimen Location								
SpecimenType Length 6.4	Donation Auction Type Voice Auction Width 3.6 Height 3.6 Weight (g) 124							
Specimen Dimensions	6.4 x 3.6 x 3.6 cm. Don/Con							
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2							
Photo 1	Photo 2 Photo 3							

Specimen Number	062	Lot No.		Donor/Consignor No 200					
	Fluorite & Calcite								
Specimen Description	Deep purple fluorite crystals associated with nicely contrasting white calcite, from the Cave In Rock fluorite district in Illinois. From the Nate Martin fluorite collection.								
Specimen Location	Cave-In-Rock, I	Cave-In-Rock, IL							
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 7.6	Width 4.9	Height 4	.9	Weight (g) 142					
Specimen Dimensions	7.6 x 4.9 x 4.9 cı	m.	Don/C	Con					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Calcite: CaCO3 Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	063	Lot No.		Don	or/Consignor No $\boxed{20}$	00		
Specimen Name								
Specimen Description	of boulangerite	Dark, almost black, crystals of purple fluorite darkened by inclusions of boulangerite needles, with clear quartz, from Yaogangxian Mine n Hunan, China. From the Nate Martin fluorite collection.						
Specimen Location	Yaogangxian M Hunan, China	Yaogangxian Mine, Yaogangxian W-Sn ore field, Yizhang Co., Chenzhou, Hunan, China						
SpecimenType	Donation	\ <u>\</u>	Auct	ion Type	Voice Auction			
Length 4.7	Width 3.2	Height 3	.1	Weight (g)	37			
Specimen Dimensions	4.7 x 3.2 x 3.1 c	m.	Don	Con				
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Boulangerite: Pb5Sb4S11 Named in 1837 by Moritz Christian Julius Thaulow in honor of Charles Louis Boulanger (6 May 1810 - 6 October 1849), a French mining engineer. Boulanger first analyzed his namesake species calling it "plomb antimonie sulfure" in 1835.							
Photo 1		Photo 2	2		Photo 3	٦		

				_						
Specimen Number	064	Lot No.		Donor/Consignor No $\frac{2}{}$	00					
Specimen Name	Prehnite									
Specimen Description	, ,	Bottryoidal green prehnite on jet black babingtonite from the								
		•		ticut. Label from Stepher	ι B.					
	I owne colle	ection. Ex Nate	Martin.							
Specimen Location	Roncari Qry.	, East Grandby,	, CT							
SpecimenType	Donation		Auctio	Type Voice Auction						
Length 7.0	Width 6.0	Height 4		eight (g) 114						
Specimen Dimensions	7.0 x 6.0 x 4.	3 cm.	Don/Co	on						
Mineral Data	Prehnite, C	a ₂ Al ₂ Si ₃ O ₁₀ (Ol	H), Named in	1788 by Abraham Gottlie	b					
				lendrik von/van Prehn [Ju						
	1	•	•	Colony - August 1785						
		• • •		no is credited with	.415					
	Africa.	the mineral in	1774 at the C	ape of Good Hope in Sou	מגר					
	Allica.									
Photo 1		Photo	2	Photo 3						
					7					
	Piera.	-								
			*							
			2							
			1							

Specimen Number	065	Lot No.	Donor/Consignor No 20	0					
Specimen Name		LOT NO.	Dollon consignor No 20	<u>~</u>					
эресппен маше	vv unemte								
Specimen Description			wulfenite in dissolution vugs i						
	•	uartz, from the Manhan Lead Mine in western Massachusetts. No tone Unturned label. Ex Nate Martin.							
Specimen Legation			11.	\dashv					
Specimen Location	Mannan Mine, L	oudville, MA							
SpecimenType	Donation	∆ ⊔ı	ction Type Voice Auction						
Length 9.5	Width 5.0	Height 3.3	Weight (g) 101						
Specimen Dimensions									
	7.5 A 3.6 A 3.5 C		n/Con						
Mineral Data	1	•	845 by Wilhelm Karl von						
	•	onor of Franz Xavel .01.03.01 Strunz Clas	r Freiherr von Wulfen. ss:07.GA.05						
Photo 1		Photo 2	Photo 3]					

Specimen Number	066	Lot No.		Donor/Consignor No	200				
Specimen Name	Milarite								
Specimen Description		filarite with microcline and smoky quartz, from the Oliver Trench at fiddle Moat Mountain, New Hampshire. Ex Nate Martin.							
Specimen Location	Middle Moat Mo	Middle Moat Mountain, Bartlett, NH							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 7.0	Width 5.3	Height 5		Veight (g) 248					
Specimen Dimensions	7.0 x 5.3 x 5.2 c	m.	Don/C	on					
Mineral Data	(1870) for the material of his	Milarite: K2Ca4Al2Be4Si24O60 · H2O. Named by Kenngott (1870) for the Val Milà, Grischun, Switzerland, where the material of his first description was erroneously said to come from. Dana Class:63.02.01a.12 Strunz Class:09.CM.05							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	067	Lot No.			Donor/Consignor No 200				
Specimen Name	Fluorite & Hen	nimorphite							
Specimen Description	hemimorphite,	Franslucent cubes of zoned pale purple fluorite on a bed of nemimorphite, from the Is Murvonis Mine in Italy. Alessandro Genazzoni label. From the Nate Martin fluorite collection.							
Specimen Location	Caglarii, Italy								
SpecimenType	Donation	\ <u>\</u>	Auct	ion T	ype Voice Auction				
Length 7.9	Width 4.8	Height 3	0.0	Weig	ght (g) 126				
Specimen Dimensions	7.9 x 4.8 x 3.0 c	m.	Don	Con					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Hemimorphite: Zn4Si2O7(OH)2 · H2O Named in 1853 by Adolph Kenngott in allusion to the hemimorphic morphology of the crystals.								
Photo 1		Photo 2	2		Photo 3				
	3								

Specimen Number	068	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite & Sch	Fluorite & Schrol							
Specimen Description	schorl, from th	ovely green octahedra of fluorite on a contrasting matrix of black chorl, from the Erongo Mountains in Namibia. Geodite Minrals tag. From the Nate Martin fluorite collection.							
Specimen Location	Erongo Mounta	Erongo Mountains, Namibia							
SpecimenType	Donation	~	Auctio	on Type Voice Auction					
Length 4.4	Width 4.3	Height 2	.4	Weight (g) 32					
Specimen Dimensions	4.4 x 4.3 x 2.4 c	m.	Don/C	on					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Schorl: NaFe2+3Al6(Si6O18)(BO3)3(OH)3(OH) The early history of the mineral schorl shows that the name "Schorl" was in use prior to the year 1400 (AD) because a village known today as Zschorlau (in Saxony, Germany) was then named "Schorl"								
Photo 1		Photo 2	2	Photo 3					

	0.00				000				
Specimen Number		Lot No.		Donor/Consignor No					
Specimen Name	Grossular Grou	Grossular Group - Grossular							
Specimen Description		Drusy coating of pearly white grossular garnet crystals from Asbestos, Quebec. Dana Jewell label. Ex Nate Martin.							
Specimen Location	Jeffrey Quarry, ` Canada	Jeffrey Quarry, Val-des-Sources, Les Sources RCM. Estrie, Quebec, Canada							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 8.0	Width 2.8	Height 2		Veight (g) 95					
Specimen Dimensions	$8.0 \times 2.8 \times 2.6 \text{ cm}$	m.	Don/C	on					
Mineral Data	stone" ("Kanel Werner and rei	Grossular: Ca3Al2(SiO4)3 Originally named "cinnamon stone" ("Kanelstein" in German) in 1803 by Abraham Gottlob Werner and renamed grossularite by Werner in 1808. Named for the color of gooseberries							
Photo 1		Photo	2	Photo 3					

Specimen Number	070	Lot No.		Donor/Consignor	No 200				
Specimen Name	Pyromorphite								
Specimen Description	prior to the discove	Pyromorphites from the Wheatley Mines in PA, in the 1800s, were the finest in America vior to the discovery of the Idaho deposits. Generous coating of green hoppered crystals over most of the front, with a nicely contrasting orange matrix. Daniel McHugh label. Ex late Martin.							
Specimen Location	Wheatly Mine,	Phoenixville	, PA						
SpecimenType	Donation	~	Auctio	on Type Voice Auction	n				
Length 4.9	Width 4.4	Height 3	3.3	Weight (g) 107					
Specimen Dimensions	4.9 x 4.4 x 3.3 c	em.	Don/0	Con					
Mineral Data	Minera plumbi	Pyromorphite Pb5(PO4)3Cl: Originally called Grön Blyspat and Minera plumbi viridis by Johan Gottschalk Wallerius in 1748 and, later, Mine de plumb verte in 1753.							
Photo 1		Photo	2	Photo 3					

Specimen Number	071	Lot No.		Donor/Consignor No 2	00				
Specimen Name	Bertrandite								
Specimen Description		Small blades of gray bertrandite on the surface of a glassy quartz crystal from the Weissenin Quarry, Greenwood, Maine. Ex Nate Martin.							
Specimen Location	Waissenin Mine	Waissenin Mine, Greenwood, ME							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length L. Perky	Width	Height _	v	Veight (g)					
Specimen Dimensions	L. Perky x x cr	n.	Don/C	on					
Mineral Data	Bertrandite: Be4(Si2O7)(OH)2 Named by Alexis Damour in honor of Émile Bertrand (1844 - 16 November 1909), French mineralogist and co-founder of the Société française de Minéralogie.								
Photo 1		Photo 2	:	Photo 3					

Specimen Number	072	Lot No.		Donor/Consignor No	200				
Specimen Name	Vesuvianite								
Specimen Description	Glossy dark brown crystals of vesuvianite from the type locality around Mount /esuvius. These form in classic skarn deposits as the heat and fluids from the /olcano alter the surrounding limestone. Italian Minerals label. Ex Nate Martin.								
Specimen Location	Naples, Somma	Naples, Somma-Vesuvius Complex, Mt Somma, Italy							
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction					
Length 4.1	Width 3.4	Height 3	8.0 W	/eight (g) 51					
Specimen Dimensions	4.1 x 3.4 x 3.0 c	m.	Don/C	on					
Mineral Data	Vesuvianite: Ca19Fe3+Al4(Al6Mg2)(□4)□[Si2O7]4[(SiO4)10]O(OH) 9 Originally named "hyacinthus dictus octodecahedricus" by Moritz Anton Kappeler in 1723. Renamed "hyacinte du Vesuve" by Jean- Baptiste Louis Romé de L'Isle in 1772. This was possibly the inspiration for Abraham Gottlob Werner to rename the species "vesuvian" in 1795, after its discovery locality, Mount Vesuvius, Campania, Italy.								
Photo 1		Photo 2	2	Photo 3	\neg				

On a simon Manushan	073						
Specimen Number		_ot No.	Donor/Consignor No 200				
Specimen Name	Plattnerite, Fluorite	& Quartz					
Specimen Description	Shiny black microcrystals of plattnerite partially coating white cubes of fluorite on a bed of gray quartz, from Mexico. From the Nate Martin fluorite collection.						
Specimen Location	Chihuahua, Mexico						
SpecimenType	Donation	Aucti	on Type Voice Auction				
Length 5.4	Width 4.0	eight 2.0	Weight (g) 32				
Specimen Dimensions	5.4 x 4.0 x 2.0 cm.	Don/	Con				
Mineral Data	Plattnerite:PbO2 Named in 1845 by Karl Wilhelm von Haidinger in honor of Karl Friedrich Plattner (January 2, 1800, Kleinwaltersdorf, Saxony, Germany Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Quartz: SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05						
Photo 1		Photo 2	Photo 3				

Specimen Number	074	Lot No.		Donor/Consignor No	200			
Specimen Name	Roselite							
Specimen Description	cobalt, in vugs	Sparkly "red wine" crystals of roselite, a rare arsenate containing cobalt, in vugs in calcite, from one of the classic world localities that produces it. Ex Nate Martin.						
Specimen Location	Bou Azzer, Mor	occo						
SpecimenType	Donation	~	Auction	Type Voice Auction				
Length 7.4	Width 5.2	Height 3.3	W	eight (g) 143				
Specimen Dimensions	7.4 x 5.2 x 3.3 c	m.	Don/Co	n				
Mineral Data	Roselite: Ca2Co(AsO4)2 · 2H2O Named in 1824 by Armand Levy in honor of German mineralogist Gustav Rose [March 18, 1798 Berlin, Germany – July 15, 1873 Berlin, Germany], Professor of Mineralogy, University of Berlin							
Photo 1		Photo 2		Photo 3				

Specimen Number	075	Lot No.	Donor/Consignor No	200			
	Willemite & Frankl	linite					
Specimen Description	green response to UV ligi	Willemite from Franklin, NJ, is a very popular fluorescent mineral because of its intense green response to UV light. And the strong contrast with the black franklinite makes this one interesting even in white light. John Betts Fine Minerals label. Ex Sahno, and Nate Martin.					
Specimen Location	Franklin, NJ						
	Donation W. 11. 4.6		tion Type Voice Auction				
Length 4.6		eight 3.0	Weight (g) 68				
Specimen Dimensions	4.6 x 4.6 x 3.0 cm.	Dor	n/Con				
Mineral Data	"Armand" Lévy in h (1813-1840) of the located at the time. Franklinite: Zn2+F	Franklinite: Zn2+Fe3+2O4 Named in 1819 by Pierre Berthier for the ype locality of Franklin Furnace (now Franklin Borough), New					
Photo 1		Photo 2	Photo 3				

	076	l		7 .	200			
Specimen Number								
Specimen Name	Hydroxylherde	lydroxylherderite						
Specimen Description		mall white needles of hydroxyl-herderite on quartz and muscovite, om the Bennett Quarry in Maine. Ex Nate Martin.						
Specimen Location	Bennett Quarry,	ennett Quarry, Buckfield, ME						
SpecimenType Length 7.2	Donation Width 7.0	V Height 4.3		Type Voice Auctio	n			
Specimen Dimensions	7.2 x 7.0 x 4.3 c	m.	Don/Co	on				
Mineral Data	1894 by Samu herderite" by P refers to Siegm mining official i	Hydroxylherderite: CaBe(PO4)(OH) Named "hydro-herderite" in 1894 by Samuel L. Penfield. Named changed to "hydroxylnerderite" by Palache, Berman, and Frondel in 1954. The root name efers to Siegmund August Wolfgang von Herder (1776-1838), mining official in Freiberg, Germany. The "hydroxyl-" prefix signifies the dominance of hydroxide over fluorine.						
Photo 1		Photo 2		Photo 3				

Specimen Number	077	Lot No.		Donor/Consignor No 200			
Specimen Name					$\overline{}$		
Specimen Description	Fabulous sprays of water clear natrolite needles on an unnamed rhombohedral mineral (calcite?), from the South Island of New Zealand. Ex Nate Martin.						
Specimen Location	South Island, New Zealand						
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction			
Length L. Perky	Width	Height		Veight (g)			
Specimen Dimensions	L. Perky x x cn	n.	Don/C	on			
Mineral Data	Natrolite: Na2Al2Si3O10 · 2H2O Named in 1803 by Martin H. Klaproth from the Greek natron, "soda," in allusion to its sodium content and lithos, "stone."						
Photo 1		Photo 2	2	Photo 3			
	77						

Specimen Number	078	Lot No.		Donor/Consignor No	200			
Specimen Name	Silver							
Specimen Description	preferred natural pathose dissolved out	Very fine example of arborescent silver from a classic Mexican locality. Shows the preferred natural patina of free-growing crystals, as opposed to the shiny metallic sheen of those dissolved out of calcite. Both dendritic branching and spinel twinning evident, with some branches having almost scepter-like tips. Ex Nate Martin.						
Specimen Location	Batopilas, Mexi	Batopilas, Mexico						
SpecimenType	Donation	~	Auction	Type Voice Auction				
Length Perky	Width	Height	W	eight (g)				
Specimen Dimensions	Perky x x cm.	Perky x x cm. Don/Con						
Mineral Data	meaning is no	Silver: Ag An Old English word "seolfor" whose original meaning is now lost. The current spelling "silver" was known as early as 1478. Known in ancient Roman times as argentum.						
Photo 1		Photo 2	2	Photo 3				

Specimen Number	079	Lot No.		Donor/Consignor No	200		
	Columbite Sup	pergroup - V	Volframite				
Specimen Description	growth on the glos famous Tae Hwa N	A large crystal from the wolframite group, probably ferberite, showing complex stepped growth on the glossy black faces. Although not listed, these are most likely from the amous Tae Hwa Mine, which is famous for these "stacked picket fence" growths. Ex Steve Kahn, and Nate Martin.					
Specimen Location	South Korea						
SpecimenType	Donation		Auctio	on Type Voice Auction			
Length 9.5	Width 5.0	Height 2	2.5	Weight (g) 256			
Specimen Dimensions	9.5 x 5.0 x 2.5	cm.	Don/C	Con			
Mineral Data	Wolframite: (Fe,Mn)WO 4 The name is derived from the Swedish tung sten, meaning "heavy stone." Tungsten is also known as wolfram, from WOLFRAMITE, the mineral from which the element was first recognized by the English chemist Peter Woulfe in 1779.						
Photo 1		Photo	2	Photo 3			

		_						
Specimen Number	080	Lot No.		Donor/Consignor No	200			
Specimen Name	Tourmaline							
Opcomion Bocomption	the pegmatite dist	A very gemmy tourmaline crystal with a shiny sharp pyramidal termination, from the pegmatite district in Brazil. While pale, it displays a subtle watermelon color variation from pink to green. Ex Nate Martin.						
Specimen Location	Minas Gerais, B	Ainas Gerais, Brazil						
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 3.6	Width .07	Height 0.0		Veight (g)				
			<u>'</u>	veight (g)				
Specimen Dimensions	$3.6 \times .07 \times 0.6 \text{ c}$	m.	Don/C	on				
	Tourmaline: Reported by Christianus-Fridericus Garmann in 1707. The name "tourmali" was a generic name used in Ceylon [Sri Lanka] for colored gems, mostly zircons. About 1703, it had been discovered by Dutch lapidaries that some of the "zircons" arriving in the Netherlands were actually a previously undescribed mineral. Several names were given to the new mineral including "Pierre de Ceylan, by Lemery in 1717. Tourmalin, as a more or less specific mineral name, was used by Rinmann in 1766. Hill called it Tourmaline Garnet in 1771 and Richard Kirwan shortened the name to "Tourmaline" in 1794.							
Photo 1		Photo 2		Photo 3				

Specimen Number	081 Lot No.	Donor/Consignor No 200				
Specimen Name	Tourmaline					
Specimen Description	Aesthetic grouping of green tourmaline crystals, with pearly quartz overgrowths, from Brazil. Light green core and sharp, shiny, deep green pedion terminations. The light green shows chatoyancy, similar to that seen from the Urubu Mine, where etched microtubes filled with quartz create an internal cat's eye shimmer. Ex Nate Martin.					
Specimen Location	Minas Gerais, Brazil					
SpecimenType Length 3.2		Type Voice Auction ight (g)				
Specimen Dimensions	3.2 x 2.9 x 1.5 cm. Don/Cor	1				
Mineral Data	Tourmaline: Reported by Christianus-Fridericus C "tourmali" was a generic name used in Ceylon [Si mostly zircons. About 1703, it had been discovere of the "zircons" arriving in the Netherlands were a mineral. Several names were given to the new mi Ceylan, by Lemery in 1717. Tourmalin, as a more was used by Rinmann in 1766. Hill called it Tourn Richard Kirwan shortened the name to "Tourmalin	ri Lanka] for colored gems, ed by Dutch lapidaries that some actually a previously undescribed ineral including "Pierre de e or less specific mineral name, maline Garnet in 1771 and				
Photo 1	Photo 2	Photo 3				





Specimen Number Specimen Name		Lot No.		Donor/Consignor No 200				
Specimen Description	A nice grouping of shiny, dark purple fluorite cubes showing the complex stepped-growth faces for which this Mexican locality is famous. From the Nate Martin fluorite collection, acquired at the 2012 BMC auction.							
Specimen Location	Tule Mine, Mel	Tule Mine, Melchor Múzquiz, Múzquiz Municipality, Coahuila, Mexico						
SpecimenType Length 11.9	Donation Width 8.2	V Height 4.6	Auction 7	Type Voice Auction ght (g) 568	_			
Specimen Dimensions	11.9 x 8.2 x 4.6	cm.	 Don/Con					
	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2							
Photo 1		Photo 2		Photo 3				

Specimen Number	083	Lot No.		Donor/Consignor No $\boxed{20}$	0			
Specimen Name					\neg			
Specimen Description	Ludlamite on a weathered sulfide matrix, from the type locality at the old Wheal Jane Mine in Cormwall, England. Ex Nate Martin.							
Specimen Location	Wheal Jane Min	Wheal Jane Mine. Cornwall, England						
SpecimenType	Donation	\ <u>\</u>	Auction ⁻	Type Voice Auction				
Length 8.3	Width 7.2	Height 5.8		ight (g) 417				
Specimen Dimensions	8.3 x 7.2 x 5.8 ca	m.	Don/Cor					
Mineral Data	Ludlamite: Fe2+3(PO4)2 · 4H2O Named in 1877 by Frederick Field in honor of Henry Ludlam [October 14, 1824 England, United Kingdom.							
Photo 1		Photo 2		Photo 3	,			

Specimen Number	084	Lot No.		Donor/Consignor No 20	00		
Specimen Name	Vesuvianite						
Specimen Description	Nicely exposed dark green crystals of vesuvianite from the classic locality in Sanford, Maine, self-collected by Nate Martin.						
Specimen Location	Sanford, ME						
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction			
Length 8.6	Width 6.5	Height 5.2		eight (g) 462			
Specimen Dimensions	8.6 x 6.5 x 5.2 c	m.	Don/Co	n			
Mineral Data	Vesuvianite: Ca19Fe3+Al4(Al6Mg2)(□4)□[Si2O7]4[(SiO4)10]O(OH) 9 Originally named "hyacinthus dictus octodecahedricus" by Moritz Anton Kappeler in 1723.Werner to rename the species "vesuvian" in 1795, after its discovery locality, Mount Vesuvius, Campania, Italy.						
Photo 1		Photo 2		Photo 3	7		

Specimen Number	085	Lot No.		Donor/Consignor No	200				
Specimen Name									
оросииси ишино		v 							
Specimen Description	Gray chalcedony liberally coated with aggregates of lavender fluorite and accents of cream baryte blades, from the silver mining district of CO. Pinnacle Minerals								
		abel listing it as ex Rich Fretterd. From the Nate Martin fluorite collection.							
Specimen Location	Teller CO								
Specimen Location	Teller, CO								
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 14.3	Width 7.3	Height 3		Veight (g) 317					
Specimen Dimensions	14.3 x 7.3 x 3.0	cm.	Don/C						
				L					
Mineral Data			•	tonio Galeani Napione froi					
	· ·	•	,	. The term fluorescence is .01 Strunz 03.AB.2	i				
				by Dietrich Ludwig Gu	ıstav				
				due to its unusual heavi					
	for a non-meta	llic mineral.							
Photo 1		Photo 2		Photo 3					
Prioto i		Piloto 2	: 	Piloto 3	\neg				
Addition to	in a								
W. A. W.									

Specimen Number	086 Lot No. Dono	r/Consignor No 200						
Specimen Name	Botallackite							
Specimen Description	A specimen generously coated with green botallackite, a rare copper hydroxide chloride, from the Cornwall copper mining district where it was first described. Original labels from Arnold Fisher, a Cornwall mineral dealer. Ex Nate Martin.							
Specimen Location	Pendeen, St Just, Cornwall, England, UK							
SpecimenType	Donation \(\sqrt{} \) Auction Type \(\text{V} \)	oice Auction						
Length 10.1	Width 5.9 Height 5.3 Weight (g)	91						
Specimen Dimensions	10.1 x 5.9 x 5.3 cm. Don/Con							
Mineral Data	Botallackite: Cu2(OH)3Cl Type locality, the Bo Just, Cornwall. A secondary copper mineral.	tallack Mine, St.						
Photo 1	Photo 2	Photo 3						





Specimen Number	087	Lot No.		Donor/Consignor No 200				
Specimen Name								
Opecimen Description	copper mining distr the Redpath Museu	xtremely fine and rare specimen of coarse pearly white arsenolite crystals, from the opper mining district in Cornwall, England. Fluoresces pale yellow. Original labels from the Redpath Museum at McGill University and from Argentum Auctions. Ex Professor ovey (McGill) and Nate Martin.						
Specimen Location	Dolcoath Mine,	Camborne, C	Cornwall, Engl	and				
SpecimenType	Donation		Auctio	n Type Voice Auction	_			
Length 8.4	Width 5.9	Height 5.	3 v	Veight (g) 194				
Specimen Dimensions	8.4 x 5.9 x 5.3 c	m.	Don/C	on				
Mineral Data		Arsenolite: As2O3 An arsenic mineral formed as an oxidation product of arsenid sulfides. Commonly found as small octahedra.						
Photo 1		Photo 2		Photo 3				

Specimen Number	088	Lot No.		Donor/Consignor No 200					
Specimen Name	Serandite								
Specimen Description	Nicely contrasting crystals of black aegerine and pink serandite (possibly schizolite, with which serandite forms a solid solution series) on white matrix, from Mont Saint Hilaire in Quebec. From the Nate Martin collection, ex John Marshall.								
Specimen Location	Mont Saint-Hila Canada	Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, Canada							
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 7.5	Width 5.8	Height 3	3.8	Weight (g) 135					
Specimen Dimensions	7.5 x 5.8 x 3.8 c	m.	Don/C	Con					
Mineral Data	Serandite: NaMn2+2Si3O8(OH) Named in 1931 by Antoine François Alfred Lacroix after J.M. Serand, lighthouse keeper of the Island of Rouma, Los, who assisted collecting the mineral and who coincidentally had a rosey pink complexion.								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	089	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite								
Specimen Description	Lovely group of intense lavender pink fluorite octahedrons from Mexico. This piece was expertly prepared, preserving a trace of contrasting white quartz to accent the crystals. These come out of the ground dark purple, but turn bright violet to hot pink with a few months of exposure to sunlight. From the Nate Martin fluorite collection. Ex John Chipman.								
Specimen Location	Navidad Mine, I	Navidad Mine, Indé Municipality, Durango, Mexico							
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction					
Length 13.1	Width 9.5	Height 4	1.2 w	/eight (g) 561					
Specimen Dimensions	13.1 x 9.5 x 4.2	cm.	Don/Co	on					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	090 Lot No. Donor/Consignor No 200
Specimen Name	Kyanite
Specimen Description	Classic aggregate of deep blue kyanite blades in white quartz, from Brazil. F. W. Miller label. Ex Nate Martin.
Specimen Location	M.G., Brazil
SpecimenType	Donation Voice Auction
Length 13.8	Width 7.3 Height 6.6 Weight (g) 584
Specimen Dimensions	13.8 x 7.3 x 6.6 cm. Don/Con
	Kyanite: Al2(SiO4)O Named in 1789 by Abraham Gottlieb Werner from the Greek word "kyanos", meaning "blue," the common color of the species. The French spelling, "Cyanite", was commonly used by mineralogists through much of the 19th and early 20th centuries.





Photo 2



Photo 3



Specimen Number	091	Lot No.		Donor/Consig	nor No 200				
Specimen Name	Aragonite & F	luorite]			
Specimen Description	Gray aragonite sheaths with white tips and yellow-brown fluorite clusters on a sulfide matrix, from the fluorite district in Illinois. From the Nate Martin fluorite collection, ex Duane and Nancy Leavitt.								
Specimen Location		Minerva No. 1 Mine (Ozark-Mahoning No. 1 Mine), Ozark-Mahoning group, Cave-In-Rock Mining Sub-District, Hardin County, Illinois, USA							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Au	ction				
Length 10.5	Width 9.5	Height 4	1.3 V	Weight (g)					
Specimen Dimensions	10.5 x 9.5 x 4.3	cm.	Don/C	on					
Mineral Data	Aragonite: CaCO3 Named in 1797 by Abrahan Gottlob Werner for the type locality, the village of Molina de Aragón, Spain, and not the province of Aragón, a mistake made by several later writers. Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2 Babingtonite Ca2(Fe,Mn)FeSi5O14(OH): Named after Dr. William Babington (May 21, 1756 Portglenone, near Coleraine, County Antrim, Northern Ireland, UK Dana Class: 65.04.01.02 Strunz Class:09.DK.0								
Photo 1		Photo	2	Photo 3					

Specimen Number	092	Lot No.		Donor/Consignor No	201				
Specimen Name	Calcite								
Specimen Description		An interesting set of white calcite points from the Lane Trap Quarry n western Massachusetts. Glow orange under UV light.							
Specimen Location	Lane Quarry, N	Northfield, F	ranklin County	, Massachusetts, US	A				
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction					
Length L. Perky	Width	Height	We	ight (g)					
Specimen Dimensions	L. Perky x x cr	n.	Don/Cor	1					
Mineral Data	elder) in 79 from	Calcite: CaCO₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. Ex. Paul Young							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	093	Lot No.		Donor/Consignor N	o 201				
Specimen Name									
Specimen Description	A collection of in	A collection of individual cubic crystals of magnetite. ex. Paul Young							
Specimen Location	Empire State No St. Lawrence Co	•	•	Edwards Zinc Mining Di	istrict,				
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction					
Length L. Perky	Width	Height	w	veight (g)					
Specimen Dimensions	L. Perky x x cm	1.	Don/Co	on					
Mineral Data	1548 and by ot Haidinger for th	Magnetite: Fe2+Fe3+2O4 Originally called lodestone as early as 1548 and by other names. Named in 1845 by Wilhelm Karl von Haidinger for the locality at Magnesia, Greece (site for lodestone) Ex. Paul Young							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	094	Lot No.		Donor/Consignor No 201				
Specimen Name	Prehnite & Bab	oingtonite						
Specimen Description	Small balls of green prehnite and associated black babingtonite, with minor calcite (glows red under UV), resting in a bed of quartz coated white with stilpnomelane.							
Specimen Location	Roncari Quarry,	East Granby, Ha	artford Coun	ty, Connecticut, USA.				
SpecimenType	Donation		Auction	Type Voice Auction				
Length	Width	Height	We	ight (g)				
Specimen Dimensions			Don/Cor	1				
Mineral Data	Werner in hono 31/August 2, 1 Heilbronn, Wur discovering the	Prehnite, Ca ₂ Al ₂ Si ₃ O ₁₀ (OH) ₂ Named in 1788 by Abraham Gottlieb Werner in honor of the Dutch Colonel, Hendrik von/van Prehn [July 31/August 2, 1733 Cape of Good Hope Colony - August 1785 Heilbronn, Wurttemberg {Germany}], who is credited with discovering the mineral in 1774 at the Cape of Good Hope in South Africa. Ex. Paul Young						
Photo 1		Photo 2		Photo 3				

	007			¬					
Specimen Number		Lot No.		Donor/Consignor	No [201]				
Specimen Name	Quartz var. Am	Quartz var. Amethyst							
Specimen Description	Fine crystal groul locality.	Fine crystal grouping of pale amethyst from a famous New England locality.							
Specimen Location	Aggregate Quari	ry, Wrenthai	m, Ma						
SpecimenType	Donation	~	Auctio	n Type Voice Auctio	on				
Length 5.4	Width 4.0	Height 3	3.4 v	Veight (g) 89					
Specimen Dimensions	$5.4 \times 4.0 \times 3.4 \text{ cm}$	m.	Don/C	on					
Mineral Data	Wilhelm Karl vo "iron", in allusio	Quartz var. Amethyst: SiO2 Siderite FeCO3 Named in 1845 by Wilhelm Karl von Haidinger from the Greek "σίδηρος" (sideros), "iron", in allusion to its composition. Dana Class:14.01.01.03 Strunz Class:05.AB.05. Ex. Paul Young							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	096	Lot No.		Donor/Consignor No	201	
Specimen Name	Wall Hanging					
Specimen Description	Engine House a Young	t Pendeen, St Jus	t, Cornwall,	England, UK. Ex. Paul		
Specimen Location	Engine House a	t Pendeen, St Jus	t, Cornwall,	England, UK		
SpecimenType Length 41 Specimen Dimensions Mineral Data	Donation Width 29 41 x 29 x 2 cm.	V Height 2		Type Voice Auction ight (g)		
Photo 1		Photo 2		Photo 3		

Specimen Number	097	Lot No.		Donor/Consignor No $\boxed{20}$	1
Specimen Name	Mineralogical I	Record -			
Specimen Description	Volumes 1 to 4	(first year is	ssues). Ex. Pau	l Young	
Specimen Location					
SpecimenType Length	Donation Width	V Height		Type Voice Auction	
Specimen Dimensions			Don/Co	on	
Mineral Data					
Photo 1		Photo 2	2	Photo 3	
in eralogical ecord					
	Photogra	phed by: Mi	chael Haritos		

Specimen Number	098	Lot No.		Donor/Consignor No 20)2	
Specimen Name	Pyrite & Quart	Z				
Specimen Description		s iconic loca	•	pyrite cubes on needle e collection of Clara Rechr	nitz	
Specimen Location	King County,WA	A				
SpecimenType	Consignment			on Type Voice Auction		
Length 5.3	Width 3.7	Height 2	.9 v	Veight (g) 76		
Specimen Dimensions	$5.3 \times 3.7 \times 2.9 \text{ cm}$	m.	Don/C	on		
Mineral Data	Pyrite FeS2 Named in antiquity from the Greek "pyr" for "fire", because sparks flew from it when struck with another mineral or metal. Known to Dioscorides (~50 CE) under the name "περι υληζ ιατρικηζ" which included both pyrite and chalcopyrite. Dana Class: 02.12.01.01Strunz Class: 02.EB.05 Quartz var. Amethyst: SiO2 Siderite FeCO3 Named in 1845 by Wilhelm Karl von Haidinger from the Greek "σίδηρος" (sideros), "iron", in allusion to its composition.					
Photo 1		Photo 2	2	Photo 3	7	

Specimen Number	099 Lot No. Donor/Consignor No 202
Specimen Name	Rhodochrosite
Specimen Description	"Cherry red lollipop" rhodochrosite cleavage rhomb from CO. Alicente is an older sister locality to the iconic Sweet Home Mine. The Alicente deposits were known for large gemmy red crystals which typically filled the voids in which they grew, leading to most examples being large cleavage rhombs like this. Phil Scalisi label. ex. Clara Rechniz
Specimen Location	John Reed Mine, Alicante, Lake County, CO
SpecimenType	Consignment Auction Type Voice Auction
Length 5.0	Width 4.6 Height 1.9 Weight (g) 77
Specimen Dimensions	5.0 x 4.6 x 1.9 cm. Don/Con
Mineral Data	Rhodochrosite: MnCO3 Named in 1813 by Johann Friedrich Ludwig Hausmann from the Greek ρόδο, "rose", and χρώς, "coloring", referring to its color.





Photo 2



Photo 3



Specimen Number	101 Lot No.	Donor/Consignor No 202					
Specimen Name	Fluorite & Calcite						
Specimen Description	Stunning hand specimen of zoned blue fluorite with nicely contrasting clusters of white calcite, from Denton Mine in the fluorite district of Illinois. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Denton Mine, Harris Creek Mining Sub-I USA	District, Hardin County, Illinois,					
SpecimenType Length 5.0	Consignment \(\) Auct Width \(\begin{align*} 4.1 \] Height \(\begin{align*} 3.5 \]	tion Type Voice Auction Weight (g) 71					
Specimen Dimensions	5.0 x 4.1 x 3.5 cm.	/Con					
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo A Latin, fluere = "to flow" (for its use as a flu derived from fluorite. Dana Class: 09.02.0 Calcite: CaCO₃ Named as a mineral by 0 elder) in 79 from Calx, Latin for Lime.Dana Class: 05.AB.05	x). The term fluorescence is 01.01 Strunz 03.AB.2 Saius Plinius Secundus (Pliny the					
Photo 1	Photo 2	Photo 3					

Specimen Number 102 Lot No. Donor/Consignor No 202 Specimen Name Rhodonite Specimen Description Deep red rhodonite crystal from the world famous Broken Hill	
Specimen Description Deep red rhodonite crystal from the world famous Broken Hill	
Specimen Description Deep red rhodonite crystal from the world famous Broken Hill	
1, ,	
deposit in Australia. Glows bright red with backlight. From the collection of Clara Rechnitz (former BMC member).	
,	
Specimen Location Broken Hill Domain, Curnamona Province, Australia	
SpecimenType Consignment Auction Type Voice Auction	
Length 3.6 Width 3.5 Height 2.0 Weight (g) 45	
Specimen Dimensions 3.6 x 3.5 x 2.0 cm. Don/Con	
Mineral Data Rhodonite: CaMn3Mn[Si5O15] Named in 1819 by Christoph	
Friedrich Jasche from the Greek ρόδον, "rose", referring to its	
color.	
Photo 1 Photo 2 Photo 3	

Specimen Number	103	Lot No.		Donor/Consignor No	202			
	Tourmaline-Gi		2					
Specimen Description	California. Label f	Gemmy green and pink watermelon tourmalines from the iconic Himalaya Mine in alifornia. Label from Hallowell Minerals, a California dealer. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location		Iimalaya Mine (Himalaya group of claims), Turquoise Mountain, Ialloran Springs District, San Bernardino Co., California, USA						
SpecimenType	Consignment	~	Auctio	n Type Voice Auction				
Length 7.2	Width 4.5	Height 3	.2 v	Veight (g) 94				
Specimen Dimensions	7.2 x 4.5 x 3.2 c	m.	Don/C	on				
Mineral Data	Tourmaline-Group Elbaite: AD3G6 (T6O18)(BO3)3X3Z Reported by Christianus-Fridericus Garmann in 1707. The name "tourmali" was a generic name used in Ceylon [Sri Lanka] for colored gems, mostly zircons. About 1703, it had been discovered by Dutch lapidaries that some of the "zircons" arriving in the Netherlands were actually a previously undescribed mineral. Several names were given to the new mineral including "Pierre de Ceylan, by Lemery in 1717. Tourmalin, as a more or less specific mineral name, was used by Rinmann in 1766. Hill called it Tourmaline Garnet in 1771 and Richard Kirwan shortened the name to "Tourmaline" in 1794.							
Photo 1		Photo 2	2	Photo 3				

Specimen Number	104	Lot No.		Donor/Consignor No 202				
Specimen Name	Rhodochrosite							
Specimen Description	Sweet Home N	Deep reddish pink rhodochrosite crystal thumbnail from the iconic Sweet Home Mine in Colorado. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Sweet Home M	ne, Hinsdale Cou	ınty, Colora	do, USA				
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length Perky	Width	Height	We	eight (g)				
Specimen Dimensions	Perky x x cm.	Perky x x cm. Don/Con						
Mineral Data	Rhodochrosite: MnCO3 Named in 1813 by Johann Friedrich Ludwig Hausmann from the Greek ρόδο, "rose", and χρώς, "coloring", referring to its color.							
Photo 1		Photo 2		Photo 3				

Specimen Number	105	Lot No.		Donor/Consignor N	o 202			
Specimen Name	Adamite							
Specimen Description	the Ojuela Min	Resthetic miniature of lustrous lavender manganoan adamite from the Ojuela Mine in Mapimi, Mexico. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Mapimi, Durang	go, Mexico						
SpecimenType	Consignment	\ <u>\</u>	Auctio	n Type Voice Auction				
Length L. Perky	Width	Height		Veight (g)				
Specimen Dimensions	L. Perky x x cr	n.	Don/C	on				
Mineral Data	Adamite: Zn2(AsO4)(OH) Named by Charles Friedel in 1866 for Gilbert Joseph Adam (7 April 1795 Seine-et-Marne, Fontainbleau, France - 8 June 1881 Paris, France), Inspector (Auditor) of Finance for the French Government, who supplied the first specimens of his mineral. Adam was a wealthy mineral collector and his mineral collection was described in <i>Annales des Mines</i> in 1869 and later in a published catalog (1869).							
Photo 1		Photo 2		Photo 3				

Specimen Number	106	Lot No.		Donor/Consignor No 20	12		
Specimen Name	Rhodochrosite	on Quartz					
Specimen Description	white needle of	Miniature of sharp pink rhombohedral rhodochrosite crystals on white needle quartz, from the Sweet Home Mine in Colorado. From the collection of Clara Rechnitz (former BMC member).					
Specimen Location	Sweet Home M	ine, Hinsdale	County, Color	ado, USA			
SpecimenType	Consignment	\ <u>\</u>	Auctio	Type Voice Auction			
Length Perky	Width	Height _	W	eight (g)			
Specimen Dimensions	Perky x x cm.	Perky x x cm. Don/Con					
Mineral Data	Rhodochrosite: MnCO3 Named in 1813 by Johann Friedrich Ludwig Hausmann from the Greek ρόδο, "rose", and χρώς, "coloring", referring to its color.						
Photo 1		Photo 2	<u> </u>	Photo 3	-		

Specimen Number	107 Lot No.	Donor/Consignor No 202					
Specimen Name	Vesuvianite						
Specimen Description	arge thumbnail of a complex crystal of lavender vesuvianite from ne Jeffrey Mine in Canada. From the collection of Clara Rechnitz former BMC member).						
Specimen Location	Jeffrey Mine, Val-des-Sources, Les Sourc	ces RCM, Estrie, Québec, Canada					
SpecimenType	Consignment \(\)	ion Type Voice Auction					
Length Perky	Width Height	Weight (g)					
Specimen Dimensions	Perky x x cm. Don/	/Con					
Mineral Data	Vesuvianite: Ca19Fe3+Al4(Al6Mg2)(□4)□[Si2O7]4[(SiO4)10]O(OH) 9 Originally named "hyacinthus dictus octodecahedricus" by Moritz Anton Kappeler in 1723. Renamed "hyacinte du Vesuve" by Jean-Baptiste Louis Romé de L'Isle in 1772. This was possibly the inspiration for Abraham Gottlob Werner to rename the species "vesuvian" in 1795, after its discovery locality, Mount Vesuvius, Campania, Italy.						
Photo 1	Photo 2	Photo 3					

Specimen Number Specimen Name	Γ	No.	Donor/Consignor No 202	2		
Specimen Description	, ,	egmatite belt in P	champagne-colored topaz of akistan. From the collection er).			
Specimen Location	Basha Valley, Shigar D		,			
SpecimenType Length 9.4	Consignment Width 5.5 Heig		on Type Voice Auction Weight (g) 58	_		
Specimen Dimensions	9.4 x 5.5 x 4.7 cm.	Don/C	Con			
Mineral Data	Topaz: Al2(SiO4)(F,OH)2 Named after Topasos Island in the Red Sea. In antique times, the name was probably used for the gemstone that is now known as Peridot.					
Photo 1	PI	noto 2	Photo 3			

Specimen Number	180	Lot No.		Donor/Consignor N	o 206	
Specimen Name	Copper xls,	,				
Specimen Description						
Specimen Location	Bisbee, AZ					
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction		
Length 5.2	Width 3.8	Height 1		Veight (g) 13		
Specimen Dimensions	5.2 x 3.8 x	1.4 cm.	Don/C	on		
Mineral Data	copper m	• •	orum". Dana	e location of ancient Class: 01.01.01.03 S	Strunz	
Photo 1		Photo 2	2	Photo 3		

Specimen Number	109	Lot No.		Donor/Consignor No 20	2			
Specimen Name	Pyrite Sun, a.	k.a. "miner's	dollars"					
Specimen Description	mine in Sparta	A very nice example of a classic pyrite "sun" from the now-closed coal nine in Sparta, Illinois. This example is larger and better preserved than nost, with bright luster and minimal tarnish.						
Specimen Location	Sparta, IL							
SpecimenType Length Specimen Dimensions Mineral Data	Consignment Width 11 cm disk. Tl pyrite. Ex. Cla	•	Don/C	ions, are an unique form for				
Photo 1		Photo 2	2	Photo 3				

Specimen Number	110 Lot No.	Donor/Consignor No 204					
Specimen Name	Calcite, Galena & Sphalerite						
Specimen Description	Large white calcite crystals on contrasting shiny dark galena suboctahedrons with quartz accents, from Dalnegorsk, Russia, on a custom eucite base.						
Specimen Location	1st Sovetskii Mine Dalnegorsk, Dalneg Primorsky Krai, Russia.	gorsk Urban District,					
SpecimenType	Donation \(\)	ion Type Voice Auction					
Length 82	Width 79 Height 62	Weight (g) 1079					
Specimen Dimensions	82 x 79 x 62 cm. Don/	Con					
Mineral Data	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05 Sphalerite, ZnS Originally called blende in 1546 by Georgius Agricola Named Sphalerite in 1847 by Ernst Friedrich Glocker from the Greek σφαλεροζ "sphaleros" = treacherous, in allusion to the ease with which dark varieties were mistaken for galena, but yielded no lead. Dana Class:02.08.02.01Strunz Class: 02.CB.05a Ex Steve Gerome Galena, PbS Named by Pliny the Elder in 77-79 from the Greek "galene" meaning "lead ore" Dana Class:02.08.01.0 Strunz Class:02.CD.10 Ex Steve Gerome						
Photo 1	Photo 2	Photo 3					

Specimen Number	111 Lot No. Donor/Consignor No 204							
Specimen Name	Calcite on Quartz							
Specimen Description	Large sharp quartz crystal with smaller calcite generously coating one side, from China.							
Specimen Location	Yaogangxian W-Sn ore field, Yizhang Co., Chenzhou, Hunan, China.							
SpecimenType	Donation Voice Auction							
Length 15	Width 6.5 Height 4.7 Weight (g) 450							
Specimen Dimensions	15 x 6.5 x 4.7 cm. Don/Con							
Mineral Data	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. Ex Steve Gerome Quartz: SiO2 Siderite FeCO3 Named in 1845 by Wilhelm Karl von Haidinger from the Greek "σίδηρος" (sideros), "iron", in allusion to its composition. Dana Class:14.01.01.03 Strunz Class:05.AB.05 Ex Steve Gerome							
Photo 1	Photo 2 Photo 3							

On a class on Normalis on	112			J B	N. 204				
Specimen Number		Lot No.		Donor/Consignor	NO 204				
Specimen Name	Calcite (Manga	noan)							
Specimen Description		abinet specimen of complex crystals of manganoan calcite, from China,							
	on a custom leuc	a custom leucite base.							
Specimen Location	Wuzhou, Guan	ıgxi, China.	Ex Gerome						
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction	n				
Length 15	Width 6.5	Height 4	4.7 w	eight (g) 470?					
Specimen Dimensions	15 x 6 5 x 4 7 cr	 n	Don/Co	[
opecimen Dimensions	10 X 0.0 X 1.7 CI			on [
Mineral Data	Calcite: CaCO ₃	Named as a	mineral by Gaiu	ıs Plinius Secundus (F	Pliny the				
				Class:14.01.01.01 Stru	unz				
	Class: 05.AB.05.	. Ex. Steve	Gerome						
Photo 1		Photo 2	2	Photo 3					
1									

Specimen Number	113	Lot No.		Donor/Consignor No	209			
Specimen Name	Calcite. ex Mi	riam Blau						
Specimen Description	Large dogtooth calcite grouping with the classic orange-brown coloring for which Santa Eulalia is well known.							
Specimen Location	Santa Chihuahu	Santa Chihuahua, Mexico						
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction				
Length 8.2	Width 7.3	Height 7	.1	Veight (g) 173				
Specimen Dimensions	8.2 x 7.3 x 7.1 d	em.	Don/C	on				
Mineral Data	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. Ex. Miriam Blau							
Photo 1		Photo 2	2	Photo 3	_			

Specimen Number	114	Lot No.	Donor/Co	onsignor No $\boxed{212}$			
		natase xls. less than a]		
Specimen Description	1 *	ulptural intergrowths of anatase micros.	of quartz, resembling	ng water ice, from	1		
Specimen Location	Northeast India						
SpecimenType Length 7.8	Donation Width 6.8	V A Height 6.0	uction Type Voice Weight (g) 208	e Auction	_		
Specimen Dimensions	7.8 x 6.8 x 6.0 c	m. D	on/Con				
Mineral Data	Quartz: SiO2 Siderite FeCO3 Named in 1845 by Wilhelm Karl von Haidinger from the Greek "σίδηρος" (sideros), "iron", in allusion to its composition. Dana Class:14.01.01.03 Strunz Class:05.AB.05 Anatase: Named in 1801 by Rene Just Haüy from the Greek ανάτασις ("anatasis") for "extension," in allusion to the length of the pyramidal faces being longer in relation to their bases than in many tetragonal minerals. ex. Jerry Marchand						
Photo 1		Photo 2	Pho	oto 3			

Specimen Number	116	Lot No.		Donor/Consignor No	209				
Specimen Name	Calcite. ex Miri	am Blau							
Specimen Description	secondary calcit	nteresting small cabinet specimen of white dogtooth calcite with econdary calcite growth only on one side of the main crystals, from Santa Eulalia in Mexico.							
Specimen Location	Santa Chihuahu	a, Mexico							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 9.4	Width 6.9	Height 3	.7 v	Veight (g) 165					
Specimen Dimensions	9.4 x 6.9 x 3.7 c	m.	Don/C	on					
Mineral Data	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. Ex. Miriam Blau								
Photo 1		Photo 2	2	Photo 3	\neg				

Specimen Number	115	Lot No.		Donor/Consignor No	209			
Specimen Name				Donot/Consignor No				
Specimen Description		Vicely contrasting pale yellow dogtooth calcites on shiny dark sphalerite, rom the Elmwood Mine in Tennessee.						
Specimen Location	Carthage, TN							
SpecimenType Length 7.7	Donation Width 5.7	V Height 3.8		Type Voice Auction ight (g) 189				
Specimen Dimensions	7.7 x 5.7 x 3.8 c	em.	Don/Con	1				
Mineral Data	elder) in 79 from		ime.Dana Cla	s Plinius Secundus (Pliny ass:14.01.01.01 Strunz	the			
Photo 1		Photo 2		Photo 3				

Specimen Number	117	Lot No.		Donor/Consignor N	No 209			
Specimen Name	Calcite inclusio	n in a geode.	. ex Miriam B	lau				
Specimen Description	Classic example in Mexico.	Classic example of the unique angel-wing calcite geodes from Chihuahua n Mexico.						
Specimen Location	Santa Chihuahu	a, Mexico						
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 12.2	Width 11.5	Height 4.	.7	Weight (g) 698				
Specimen Dimensions	12.2 x 11.5 x 4.	7 cm.	Don/C	on				
Mineral Data	Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. Ex. Miriam Blau							
Photo 1		Photo 2	!	Photo 3				

Specimen Number	118	Lot No.		Donor/Cons	signor No 209			
Specimen Name	Petrified Wood	l (quartz is t	the prime min	eral)]		
Specimen Description	Elements of the	Large cabinet slab of reddish-orange petrified wood from Arizona. Elements of the tree ring structure are preserved. Greater than 200 million years old. ex Miriam Blau						
Specimen Location	Arizona							
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice A	Auction			
Length 22.7	Width 15.5	Height 2	2.9	Weight (g) 1177				
Specimen Dimensions	22.7 x 15.5 x 2.	9 cm.	Don/C	Con				
Mineral Data	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. Ex. Miriam Blau							
Photo 1		Photo 2	2	Photo	3			

Specimen Number	119	Lot No.		Donor/Consignor No 202	2			
Specimen Name	Blue Fluorite							
Specimen Description	Cave-In-Rock dist	Large, transparent, pale blue octahedral fluorite crystals from the classic Cave-In-Rock district in Illinois. Some mild zoning is evident when backit, with some pale purple accents on the rear. Ex Clara Rechnitz.						
Specimen Location	Cave-In-Rock, IL							
SpecimenType	Consignment			Type Voice Auction				
Length 10.9	Width 9.0	Height 8.2		eight (g) 936				
Specimen Dimensions	10.9 x 9.0 x 8.2 cm	n.	_ Don/Co	n				
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.2. ex. Clara Rechnitz (late BMC member).							
Photo 1		Photo 2		Photo 3				

Specimen Number	120	Lot No.		Donor/Consignor No $\boxed{213}$				
Specimen Name	Quartz.				7			
Specimen Description	1	Cabinet smoky quartz from the Pine Knoll Pocket find at Moat Mountain n New Hampshire. Complex crystal with regrowth on natural fractures.						
Specimen Location	Pine Knoll Pock	Pine Knoll Pocket, Bartlett, NH						
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length 26.4	Width 7.5	Height 7.2		eight (g) 2419				
Specimen Dimensions	26.4 x 7.5 x 7.2	cm.	Don/Co	n				
Mineral Data	Quartz : SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex. Dr. David Nellis							
Photo 1		Photo 2		Photo 3				

Specimen Number	121	Lot No.		Donor/Consignor No 213				
Specimen Name	Quartz							
Specimen Description	Large cabinet Herkimer Diamond quartz from the Diamond Acres claim in Fonda, New York.							
Specimen Location	Diamond Acres	(Margaret Hast	ings Prospect)	Fonda, NY				
SpecimenType Length Specimen Dimensions Mineral Data	Diamond Acres (Margaret Hastings Prospect) Fonda, NY Auction Type Voice Auction Width Height Weight (g) Don/Con Quartz: SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex. Dr. David Nellis							
Photo 1		Photo 2		Photo 3				

Specimen Number	122	Lot No.		Donor/Consignor No	207			
Specimen Name	Fluorite, Galen	ıa, Quartz.						
Specimen Description	pale lilac gray c	Cabinet specimen showing large complex cuboctahedra of Galena with the calculate gray cubes of fluorite and nicely contrasting calcite, from the Annabel Lee Mine in Illinois.						
Specimen Location	Annabel Lee N Illinois, USA	Annabel Lee Mine, Harris Creek Mining Sub-District, Hardin County, Ilinois, USA						
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction				
Length 23.3	Width 14.1	Height 1	3.4 V	Veight (g) 4509				
Specimen Dimensions	23.3 x 14.1 x 13.4 cm. Don/Con							
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 Galena, PbS Named by Pliny the Elder in 77-79 from the Greek "galene" meaning "lead ore" . Dana Class:02.08.01.0 Strunz Class:02.CD.1 Quartz: SiO2 The most ancient name known is recorded by Theophrastus in about 300 -325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex. Bill Metropolis							
Photo 1		Photo 2	2	Photo 3	\neg			

Specimen Number	123	Lot No.		Donor/Consignor No 207				
Specimen Name	Sphalerite, Calcite, Galena ex. Bill Metropolis							
Specimen Description	Cabinet plate of dark sphalerite and contrasting white calcite, with fluorite accents, from the Annabel Lee Mine in Illinois.							
Specimen Location	Annabel Lee Mine, Harris Creek Mining Sub-District, Hardin County, Illinois, USA							
SpecimenType Length 20.5	Donation Width 16.1	V Height 10.6		Type Voice Auction Veight (g) 4927				
Specimen Dimensions	20.5 x 16.1 x 1	0.6 cm.	Don/Co					
Mineral Data	Sphalerite, ZnS Originally called blende in 1546 by Georgius Agricola Named Sphalerite in 1847 by Ernst Friedrich Glocker from the Greek σφαλεροζ "sphaleros" = treacherous, in allusion to the ease with which dark varieties were mistaken for galena, but yielded no lead. Dana Class:02.08.02.01Strunz Class: 02.CB.05a Galena, PbS Named by Pliny the Elder in 77-79 from the Greek "galene" meaning "lead ore" Dana Class:02.08.01.0 Strunz Class:02.CD.1 Calcite: CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. ex. Bill Metropolis							
Photo 1		Photo 2		Photo 3				

Specimen Number	124	Lot No.		Donor/Consignor No $\boxed{20}$	13				
Specimen Name	Danburite.								
Specimen Description	Nicely terminate overgrowths.	Nicely terminated large crystal of danburite with aesthetic sidecar overgrowths.							
Specimen Location	Charcas Munic	Charcas Municipality, San Luis Potosí, Mexico							
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction					
Length 5.32.52.1	Width	Height	We	ight (g)					
Specimen Dimensions	5.32.52.1 x x c	5.32.52.1 x x cm. Don/Con							
Mineral Data	Dana Class: 5	Type locality at Danbury, Connecticut, USA. Dana Class: 56.03.01.01 Strunz Class 09.FA.65. ex. John & Sue Anderson							
Photo 1		Photo 2		Photo 3	-				

Specimen Number	125	Lot No.		Donor/Consignor No 200	3				
Specimen Name	Fluorite								
Specimen Description	Pretty pale green fluorite octahedra from Dal'negorsk in Russia.								
Specimen Location	Dalnegorsk, Da	Dalnegorsk, Dalnegorsk Urban District, Primorsky Krai, Russia							
SpecimenType Length	Consignment Width	V Height		Type Voice Auction	_				
Specimen Dimensions		Don/Con							
Mineral Data	Latin, fluere = "to derived from fluo	Fluorite: CaF₂Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 ex. John & Sue Anderson							
Photo 1		Photo 2		Photo 3					

Specimen Number	126	Lot No.		Donor/Consignor No 203					
Specimen Name	Cerussite.								
Specimen Description		Two small examples of gray cerussite from Mibladen in Morocco. Apple Valley Minerals label.							
Specimen Location	Mibladen, Moro	cco							
SpecimenType	Consignment	~	Auction	Type Voice Auction					
Length	Width	Height	We	eight (g)					
Specimen Dimensions			Don/Co	n					
Mineral Data	cerussa, mea Cerussite is a oxidized zone weathering pr	Perky Box Sizes Named in 1845 by Wilhelm Karl von Haidinger from the Latin, cerussa, meaning "white lead." Cerussite is a lead carbonate mineral, usually found in the oxidized zone of lead ore deposits. It is a very common weathering product of galena and other lead ore minerals. ex. John & Sue Anderson							
Photo 1		Photo 2		Photo 3					

Specimen Number 127 Lot No. Donor/Consignor No 203 Specimen Name Adularia.	
opecinion reality	
Specimen Description White crystals of adularia are generously sprinkled across the surface of	
this Alpine specimen from the Tyrol in Italy, ex John and Sue Anderson.	
Specimen Location Tyrol, Austria	
SpecimenType Consignment Auction Type Voice Auction	
Length 7.0 Width 6.2 Height 3.6 Weight (g) 132	
Specimen Dimensions 7.0 x 6.2 x 3.6 cm. Don/Con	
Mineral Data From the Orthoclase K Feldenar Group Named "orthose" in 1801 by	
Mineral Data From the Orthoclase K Feldspar Group Named "orthose" in 1801 by Rene Just Haüy from the Greek orthos - "right" in allusion to the mineral's	
right angle of good cleavage. The sense of Haüy's name was that the	
mineral was a feldspar, but he did not specify a type-locality, nor did Haüy	
give a chemical analysis. The name was changed in 1823 to orthoklas by Johann Friedrich August Breithaupt	
Dana Class:76.01.01 Strunz Class: 09.FA.30	
ex. John & Sue Anderson	
Photo 1 Photo 2 Photo 3	

Specimen Number	128	Lot No.	Donor/Consignor No 203					
Specimen Name	Crocoite.							
Specimen Description	Unusually coarse and terminated orange-red crystal of crocoite from the Adelaide Mine in Tasmania.							
Specimen Location	Adelaide Mine, Euriowie, Farnell Co., New South Wales, Australia							
SpecimenType Length 3.2	Consignment Width 1.3	Height 1.2	Weight (g) 15?					
Specimen Dimensions			on/Con					
Mineral Data	Originally recognized by Mikhail Vassil'evich Lomonosov in 1763 as a red lead ore. Johann Gottlob Lehmann in 1766 named it Nova Minera Plumbi. The name crocoite comes from the Greek κρόκος "crocon" = saffron, alluding to the saffronorange color of its powder. Dana Class:35.03.01.01 Strunz Class:07.FA.20. Dana Class 35.03.01.01 Strunz Class:07.FA.20. ex. John & Sue Anderson							
Photo 1		Photo 2	Photo 3					

Specimen Number	129	Lot No.		Donor/Consignor No	203			
Specimen Name	Tourmaline Group, Schorl or Uvite?							
Specimen Description	Nice representative hand specimen of the glossy dark brown-black tourmaline from Ontario, Canada, ex John and Sue Anderson. Note: Two of the labels list this as uvite, but chemically analyzed tourmalines from the Bancroft area are							
Specimen Location	Ontario, Canada							
SpecimenType Length 5.4	Consignment Width 4.7	v Height 3		on Type Voice Auction Weight (g) 124				
Specimen Dimensions	5.4 x 4.7 x 3.8 cm. Don/Con							
Mineral Data	Schorl: The most common member of the Tourmaline Group. Elbaite-Schorl Series, Dravite-Schorl Series. Uvite: Named for Uva Province, Sri Lanka, the first reported occurrence. Dana Class:61.03e.01.10 Strunz Class:09.CK.05 ex. John & Sue Anderson							
Photo 1		Photo	2	Photo 3	\neg			

	120			\neg					
Specimen Number		Lot No.		Donor/Consignor No	203				
Specimen Name	Vanadinite.	/anadinite.							
Specimen Description	1	druse of deep orange-red vanadinite crystals cover the surface of this pecimen from the historic Mammoth-Saint Anthony Mine in Arizona.							
Specimen Location		Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth Mining District, Pinal County, Arizona							
SpecimenType	Consignment	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 11.6	Width 7.7	Height 4	v.0 v	Veight (g) 402					
Specimen Dimensions	11.6 x 7.7 x 4.0	11.6 x 7.7 x 4.0 cm. Don/Con							
Mineral Data	Mimetite and P Mimetite (in na Vanadinite Ser	Apatite Group. Apatite Supergroup. The vanadinite analogue of Mimetite and Pyromorphite. Forms a solid solution series toward Mimetite (in nature up to approximately V:As = 1:1 - Mimetite-Vanadinite Series) and a complete series with Pyromorphite ex. John & Sue Anderson							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	131	Lot No.		Donor/Consignor No	03				
Specimen Name		LOUINO.							
эресппен ма те	viancine.								
Specimen Description		Coarse aggregates of lustrous felty malachite, probably pseudomorphed after azurite, from the Cole Shaft in Bisbee, Arizona. Apple Valley Minerals label.							
Specimen Location	Cole Mine (Col Arizona	Cole Mine (Cole shaft; Cole No. 3), Bisbee, Cochise County, Arizona							
SpecimenType	Consignment		Auction	Type Voice Auction					
Length 11.2	Width 7.4	Height 2		ight (g) 219					
Specimen Dimensions	ns 11.2 x 7.4 x 2.5 cm. Don/Con								
Mineral Data	Named in antiquity (see Pliny the Elder, 79 CE) molochitus after the Greek μαλαχή, "mallows," in allusion to the green color of the leaves. Known in the new spelling, malachites, at least by 1661. ex. John & Sue Anderson								
Photo 1		Photo 2	2	Photo 3					

Specimen Number	132	Lot No.		Donor/Consignor No 20	6				
Specimen Name	r								
Specimen Description	Gemmy quartz crystal grading from smoky at the base to rock crystal at the tip, from Sierra Blanco Peak in New Mexico.								
Specimen Location	Sierra Blanca Pe	Sierra Blanca Peak Area, New Mexico							
SpecimenType	Donation		Auction	Type Voice Auction					
Length 7.3	Width 1.7	Height 1.7		sight (g) 44					
Specimen Dimensions	7.3 x 1.7 x 1.7 c	m.	Don/Coi	1					
Mineral Data	Quartz: SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05 ex Mike Haritos								
Photo 1		Photo 2		Photo 3	-				

Specimen Number	133	Lot No.		Donor/Consignor No	206	
Specimen Name	Quartz.					
Specimen Description	Parallel growth Hasting's Prosp			amond quartz crystals fro	om the	
Specimen Location	Diamond Acres	(Margaret Ha	stings Prospec	t) Fonda, NY		
Length Specimen Dimensions	_	in about 300 5.01.03.01 St	Don/Co cient name kn -325 BCE, κρ	own is recorded by ύσταλλος or kristallos.		
Photo 1		Photo 2		Photo 3		

	124	Г		¬	506			
Specimen Number	134	Lot No.		Donor/Consignor No	206			
Specimen Name	Quartz.							
Specimen Description	Classic gemmy A	Classic gemmy Alpine smoky quartz from the Uri region of Switzerland.						
Specimen Location	Sidelen glacier	, Furka pass	s area, Realp	, Urseren, Uri, Switzerla	and			
SpecimenType	Donation		Auctio	n Type Voice Auction				
Length 7.5	Width 4.3	Height 3.		Veight (g) 118				
Specimen Dimensions	$7.5 \times 4.3 \times 3.0 \text{ cm}$	n.	Don/C	on				
Mineral Data	Theophrastus in Dana Class:75.	Quartz : SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex Mike Haritos						
Photo 1		Photo 2	2	Photo 3				

Specimen Number	135	Lot No.		Donor/Consignor No	206			
Specimen Name	Fluorapatite &	Albite in La	arge Perky Box	х.				
Specimen Description	1	mall fluorapatite crystals in a bed of creamy tan pericline feldspars from the Acushnet Quarry in southeast Massachusetts.						
Specimen Location		cushnet Quarry (P. J. Keating Quarry; Tilcon Capaldi Quarry; Varren Brothers Quarry; Blue Stone Quarry; Old Bluestone Quarry)						
SpecimenType	Donation	\ <u>\</u>	Auctior	Type Voice Auction				
Length	Width	Height	W	eight (g)				
Specimen Dimensions			Don/Co	on				
Mineral Data	Rammelsberg to e ἀπατάω (apatao), (e.g. beryl, milarite dominance of fluo Albite i s in the Pla Named in 1815 by	Apatite Renamed in 1860 from the original apatite of Abraham Werner by Carl F. Rammelsberg to emphasize the chemical composition. Apatite is from the Greek ἀπατάω (apatao), to deceive, as apatite was often confused with other minerals (e.g. beryl, milarite). Rammelsberg added the "Fluor-" prefix in allusion to the dominance of fluorine in the composition. Albite is in the Plagioclase Group > Feldspar Group Named in 1815 by Johan Gottlieb Gahn and Jöns Jacob Berzelius from Latin 'albus", white, alluding to its usual color. ex Mike Haritos						
Photo 1		Photo 2	2	Photo 3	$\overline{}$			

Specimen Number	136	Lot No.		Donor/Consignor	No 206		
Specimen Name	Quartz in a Pe	rky Box.					
Specimen Description	1	Gemmy, doubly terminated Herkimer Diamond quartz from the Hastings Prospect in Fonda, New York.					
Specimen Location	Diamond Acres	(Margaret Ha	astings Prospect)) Fonda, NY			
SpecimenType Length	Donation Width	v Height		Type Voice Auction	n		
Specimen Dimensions			Don/Cor	1			
Mineral Data	Theophrastus	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex Mike Haritos					
Photo 1		Photo 2	2	Photo 3			

Specimen Number	137 Lot No.		Donor/Consignor No 205			
	Elbaite: Tourmaline Grou			7		
Specimen Description	Elbaite tourmaline in matrix showing the classic blue-gre	• •				
Specimen Location	Berry-Havey Quarry (Hav Androscoggin County, Ma		Quarry), Poland,			
SpecimenType Length 6.3	Donation V Width 3.6 Height		ype Voice Auction	_		
Specimen Dimensions		Don/Con				
Mineral Data	Elbaite, Named after the type locality, the island of Elba, Italy. Reported by Christianus-Fridericus Garmann in 1707. The name "tourmali" was a generic name used in Ceylon [Sri Lanka] for colored gems, mostly zircons. About 1703, it had been discovered by Dutch lapidaries that some of the "zircons" arriving in the Netherlands were actually a previously undescribed mineral. Tourmalin, as a more or less specific mineral name, was used by Rinmann in 1766. Hill called it Tourmaline Garnet in 1771 and Richard Kirwan shortened the name to "Tourmaline" in 1794. ex Steve Pelles					
Photo 1	Photo	2	Photo 3			

Specimen Number	138	Lot No.		Donor/Consignor No 2	05		
Specimen Name	Manganotantal	ite Perky Box.					
Specimen Description	Showy thumbna Brazil.	il of brassy manga	notantalite	on matrix, from Rio Nort	e in		
Specimen Location	Alto do Giz peg	gmatite, Equador	, Rio Gra	nde do Norte, Brazil			
SpecimenType Length	Donation Width	V Height		Type Voice Auction			
Specimen Dimensions			Don/Coi				
Mineral Data	figure Tantalus	Tantalite: From the manganese content and for the Greek mythical figure Tantalus - for its difficulty in dissolving. Dana Class:08.03.02.01 Strunz Class:04.DB.35. ex. Steve Pelles					
Photo 1		Photo 2		Photo 3			

Specimen Number	139	Lot No.		Donor/Consignor No	206		
Specimen Name	Quartz Perk	y Box.					
Specimen Description							
Specimen Location	Diamond Acre	es (Margaret H	astings Prospe	ct) Fonda, NY			
SpecimenType Length	Donation Width	V Height		n Type Voice Auction Veight (g)			
Specimen Dimensions			Don/C	on			
Mineral Data	Theophrastu	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex Mike Haritos					
Photo 1		Photo 2	2	Photo 3			

Specimen Number	140	Lot No.		Donor/Consig	ynor No 205		
Specimen Name	Arfvedsonite.						
Specimen Description	Glossy black bla from Malawi.	ade of Arfveo	dsonite rising	from a bed of white	e pericline,	=	
Specimen Location	Malawi						
SpecimenType	Donation	\ <u>\</u>	Aucti	on Type Voice Au	ection		
Length 5.3	Width 4.4	Height 2	.1	Weight (g) 25			
Specimen Dimensions	5.3 x 4.4 x 2.1 c	m.	Don/	Con			
Mineral Data	(12 January 1 Sweden), Sw element lithiu	Arfvedsonite Named for Johan August Arfvedson (Arfwedson) (12 January 1792, Sweden - 28 October 1841, Hedensö, Sweden), Swedish chemist. He discovered the chemical element lithium in 1817. Dana Class:66.01.03c.09 Strunz Class:09.DE.25. ex. Steve Pelles					
Photo 1		Photo 2	2	Photo 3	\$		

Specimen Number	141	Lot No.		Donor/Consignor N	lo 206				
Specimen Name	Fluorapatite &	Pericline F	Feldspar.						
Specimen Description	1 *	classic Alpine assemblage from Acushnet, with small fluorapatite ystals on a bed of coarse pericline feldspar coated with chlorite.							
Specimen Location		cushnet Quarry (P. J. Keating Quarry; Tilcon Capaldi Quarry; /arren Brothers Quarry; Blue Stone Quarry; Old Bluestone Quarry)							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 10.5	Width 5.8	Height 4	1.5 v	Veight (g) 204					
Specimen Dimensions	10.5 x 5.8 x 4.5	cm.	Don/C	on					
Mineral Data	Apatite Renamed in 1860 from the original apatite of Werner by Rammelsberg to emphasize the chemical composition. Apatite is from the Greek ἀπατάω (apatao), to deceive, as apatite was often confused with other minerals (e.g. beryl, milarite). Rammelsberg added the "Fluor-" prefix in allusion to the dominance of fluorine in the composition. Dana Class:41.08.01.04 Strunz Class: 08.BN.05 Pericline A variety of albite occurring as milky-white, elongated (along the <i>b</i> -axis) crystals, generally in alpinotype clefts. From the Greek περίκλινής [periklinis], meaning inclined in all directions Dana Class:76.01.03.01 Strunz Class:09 FA.35. ex Mike Haritos								
Photo 1		Photo	2	Photo 3					

	1.40	7		_		
Specimen Number		Lot No.			Donor/Consignor No 206	
Specimen Name	Adularia Ort	thoclase vario	ety of feldspa	r. Co	oated wuth Chlorite. ex.	
						I
Specimen Description	• 1		•	ated	with fine chlorite, in the	
	classic Alpine	assemblage fr	om Acushnet.			
		<u> </u>				
Specimen Location		• (•		con Capaldi Quarry; y; Old Bluestone Quarry)	
	vvarren broth	ers Quarry, i	Diue Storie G	uan	y, Old Bluestone Quarry)	
SpecimenType	Donation	\ <u>\</u>	Auctio	on Ty	rpe Voice Auction	
Length 4.2	Width 3.8	Height 2	2.5	Weigl	ht (g) 43	
Specimen Dimensions	12 x 2 8 x 2 5					
Specimen Dimensions	4.2 X 3.6 X 2.3	CIII.	Don/C	Con		
Mineral Data					from the Greek orthos -	
	1 -				good cleavage. The sense	
	•				dspar, but he did not specify nalysis. The name was	
	1 .	•	•		ich August Breithaupt.	
	Dana Class:					
	Chlorite: Gmir Voivodeship, P	•		nty, l	Lower Silesian	
	volvodesnip, F	Olariu. Ex Iviii	NE HAHIOS			
Photo 1		Photo :	2		Photo 3	

		_		_			
Specimen Number	143	Lot No.		Donor/Consignor No	206		
Specimen Name	Quartz Two	Specimens in	Perky Boxes.				
Specimen Description		vo gemmy Herkimer Diamond quartz thumbnails from the Hastings ospect in Fonda, New York.					
Specimen Location	Diamond Acr	es (Margaret F	Hastings Prospe	ct) Fonda, NY			
SpecimenType	Donation	~	Auctio	n Type Voice Auction			
Length	Width	Height [v	Veight (g)			
Specimen Dimensions			Don/C	on			
Mineral Data	Theophrastu	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex Mike Haritos					
Photo 1		Photo	2	Photo 3			

Specimen Number	Lot No. Donor/Consignor No 214
Specimen Name	Diptera, Dominican Amber, Specimen of Hymenopetra Formicidae (Winged Ant).
	Large polished specimen of glassy Dominican amber with multiple entrained insects, including a winged ant (Diptera), 2 large and 3 small flies (Hymenoptera).
Specimen Location	Dominican Republic
SpecimenType Length 5 Specimen Dimensions	Consignment Auction Type Voice Auction Width 4.1 Height 1.9 Weight (g) 22 5 x 4.1 x 1.9 cm. Don/Con
	A fossil tree resin. In order to qualify as "amber", it is NOT sufficient for a tree resin merely to harden by losing its volatiles, the molecules have to polymerize, which can take millions of years (or at least 100,000 years). After polymerization, amber becomes significantly less soluble in common organic solvents, and so will not become sticky if wetted with alcohol, acetone or gasoline. Much of the material marketed as "amber" (especially that from Colombia and Madagascar) is far too young to be considered amber and is in reality just dried tree resin. ex. Yale Goodman
Photo 1	Photo 2

Photo 1

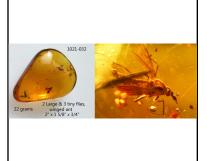


Photo 2



Photo 3



		1				
Specimen Number	145	Lot No.		Donor/Consigno	or No 208	
Specimen Name	Stibnite.					
Specimen Description	Aesthetic spray	of glossy silv	ver blades of s	tibnite.		
Specimen Location	China					
SpecimenType	Consignment		Auctio	on Type Voice Aucti	ion	
Length 7.4	Width 4.3	Height 2	.1	Weight (g) 66		
Specimen Dimensions	7.4 x 4.3 x 2.1 cm	m.	Don/0	Con		
Mineral Data	Stibnite Renamed in 1832 by François Sulpice Beudant. According to Dioscorides, the original Greek names for the mineral were Στιβι "stibi", Στιμμι "stimmi", and Πλατνόπθαλμου. The former name became the Latin "stibium" and the old name for the element antimony (Sb). Named spiessglas in 1430 by Basil Valentine who showed the mineral contained sulphur. Also known as antimony glance, antimonite, and stibine. Dana Class:02.11.02.01 Strunz Class: 02.DB.05a. ex. Jim Gaudette					
Photo 1		Photo 2	2	Photo 3		

Specimen Number	146 Lot No.	Donor/Consignor No 208					
-	Apophyllite & Stilbite.						
Specimen Description	A glossy sheaf of peach stilbite on a bed of India.	pearly white apophyllite, from					
Specimen Location	Poona, India						
SpecimenType	Consignment \(\) Auction	n Type Voice Auction					
Length 8.1	Width 4.8 Height 3.3	Veight (g) 118					
Specimen Dimensions	8.1 x 4.8 x 3.3 cm. Don/C	on					
Mineral Data	Apophyllite. Fluorapophyllite-(K), KCa4[Si8O22]F . 8H2O, is the most common and widespread member of the group, and it is usually the species considered when "apophyllite" is used as a general name. From the Greek for "away from" (ἀπό, apo) and "leaf" (φύλλον, phyllos), in allusion to the way it exfoliates upon heating. Stilbite M6-7[Al8-9Si27-28O72] · nH2O Named in 1797 by Jean Claude de la Métherie from Greek στιλβη "stilbein", to glitter of shine, or "stilbe", a mirror, alluding to its pearly or vitreous luster. Dana Class:77.01.04.03 Strunz Class:09. GF 1 ex. Jim Gaudette						
Photo 1	Photo 2	Photo 3					

Specimen Number	147	Lot No.		Donor/Consignor No 208				
Specimen Name	Fulgarite.				7			
Specimen Description	Fulgarites form	A good representative section of fulgarite (fossil lightning) from Florida. Fulgarites form when lightning strikes unconsolidated sand, instantly fusing the grains together along the path of the bolt into the ground.						
Specimen Location	Florida				7			
SpecimenType	Consignment	<u>`</u>		Type Voice Auction				
Length	Width	Height	w	eight (g)				
Specimen Dimensions			_ Don/Co	n				
Mineral Data	Fulgarite Natural silica-rich glass formed by lightning striking and melting sands or bare rock (colour is therefore variable, depending on the chemical composition of these sands and rocks.) They form hollow tubes that are often irregular and branched. Originally described from Senne plateau, Gütersloh, Eastern Westphalia, North Rhine-Westphalia, Germany. ex, Jim Gaudette							
Photo 1		Photo 2		Photo 3				

Specimen Number	148 Lot No.	Donor/Consignor No 208
	Quartz & Tourmaline.	
opcomion rumo		
Specimen Description	An interesting combination piece showing	- 1
	with some lighted banding, in a matrix of pegmatite belt in Minas Gerais, Brazil.	smoky quartz, from the
Specimen Location	Minas Gerais, Brazil	
opecimen Location	Ivillias Gerais, Diazii	
SpecimenType	Consignment V Auct	ion Type Voice Auction
Length 9.4	Width 5.5 Height 4.2	Weight (g) 238
	9.4 x 5.5 x 4.2 cm. Don	
•		
Mineral Data	Tourmaline Group. Reported by Christianus-Fride "tourmali" was a generic name used in Ceylon [Sride]	
	zircons. About 1703, it had been discovered by Du	utch lapidaries that some of the "zircons"
	arriving in the Netherlands were actually a previou were given to the new mineral including "Pierre de	· ·
	as a more or less specific mineral name, was used Tourmaline Garnet in 1771 and Richard Kirwan sh	•
	Quartz: SiO ₂ The most ancient name known is red	corded by Theophrastus in about 300
	-325 BCE, κρύσταλλος or kristallos. Dana Class:7	5.01.03.01 ex. Jim Gaudette
Photo 1	Photo 2	Photo 3
		1

	140	7 г		¬		500	
Specimen Number		Lot No.		Donor/C	Consignor No	208	
Specimen Name	Prehnite.						
Specimen Description	Closely spaced near Pune, Indi	_	wths of white	prehnite and	l apophyllite fr	rom	
Specimen Location	Poona, India						
SpecimenType	Consignment	~	Auctic	on Type Voi	ice Auction		
Length 10.7	Width 9.5	Height 6.	. <u>1</u>	Weight (g) 188	8		
Specimen Dimensions	10.7 x 9.5 x 6.1	cm.	Don/C	on			
Mineral Data	Prehnite Named in 1788 by Abraham Gottlieb Werner in honor of the Dutch Colonel, Hendrik von/van Prehn [July 31/August 2, 1733 Cape of Good Hope Colony - August 1785 Heilbronn, Wurttemberg {Germany}], who is credited with discovering the mineral in 1774 at the Cape of Good Hope in South Africa. Dana Class:72.01.03.01Strunz Class:09.DP.20. ex. Jim Gaudette						
Photo 1		Photo 2		Р	hoto 3		

Specimen Number	150 Lot No.	Donor/Consignor No 208					
Specimen Name	Vanadinite.						
Specimen Description	A very showy small cabinet specimen of spa a coating of black goethite(?) on pink volcan probably from the Mibladen district.	, ,					
Specimen Location	Milbladene, Morocco						
SpecimenType	Consignment \(\) Auction	Type Voice Auction					
Length 10.2	Width 6.0 Height 2.9 We	eight (g) 213					
Specimen Dimensions	10.2 x 6.0 x 2.9 cm. Don/Co	n					
Mineral Data	Vanadinite is in the. Apatite Supergroup. The vanadinite analogue of Mimetite and Pyromorphite. Forms a solid solution series toward Mimetite (in nature up to approximately V:As = 1:1 - Mimetite-Vanadinite Series) and a complete series with Pyromorphite ex. Jim Gaudette						
Photo 1	Photo 2	Photo 3					

On a simon Normalian	151	1	1	Dan au / Caurainn a	No 208			
Specimen Number		Lot No.		Donor/Consigno	Pr NO (200 [
Specimen Name	Calcit & Pyrite	.						
Specimen Description		A strongly contrasting specimen of pearly white calcite crystals with tiny sparkly pyrites gracing the faces on only one side, from Morocco.						
Specimen Location	Milbladene, Mo	Milbladene, Morocco						
SpecimenType	Consignment		Auction	Type Voice Aucti	on			
Length 6.1	Width 3.7	Height 3.0	We	ight (g) 62				
Specimen Dimensions	6.1 x 3.7 x 3.0 c	cm.	Don/Cor	1				
Mineral Data	Calcite : CaCO ₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05 Pyrite FeS2 Named in antiquity from the Greek "pyr" for "fire", because sparks flew from it when struck with another mineral or metal. Known to Dioscorides (~50 CE) under the name "περι υληζ ιατρικηζ" which included both pyrite and chalcopyrite. Dana Class: 02.12.01.01Strunz Class:02.EB.05. ex. Jim Gaudette							
Photo 1		Photo 2		Photo 3				

Specimen Number	152	Lot No.	Do	onor/Consignor No 208		
Specimen Name	Quartz.				7	
Specimen Description	_		•	quartz crystals from howing complete doubl	e	
Specimen Location	Lunenburg ,MA				7	
SpecimenType	Consignment		Auction Type	Voice Auction	_	
Length 11.9	Width 11.5	Height 7.6	Weight (g	(1079		
Specimen Dimensions	11.9 x 11.5 x 7.0	6 cm.	Don/Con			
Mineral Data Quartz: SiO₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex. Jim Gaudette						
Photo 1		Photo 2		Photo 3		

Specimen Number	153	Lot No.	Donor/Consignor No 208						
Specimen Name]					
Specimen Description		Bright, brassy, striated pyrite and associated quartz and scolecite, from Bulgaria, probably from the Madan ore fields.							
Specimen Location	Madan, Bulgaria	l							
SpecimenType Length 8.6	Consignment Width 7.6	Height 5.2	Auction Type Voice Auction Weight (g) 384	_					
Specimen Dimensions	8.6 x 7.6 x 5.2 cm	m. [Don/Con						
Mineral Data	Pyrite FeS2 Named in antiquity from the Greek "pyr" for "fire", because sparks flew from it when struck with another mineral or metal. Known to Dioscorides (~50 CE) under the name "περι υληζ ιατρικηζ" which included both pyrite and chalcopyrite. Dana Class: 02.12.01.01Strunz Class:02.EB.05 ex. Jim Gaudette								
Photo 1		Photo 2	Photo 3						

Specimen Number	154	Lot No.		Donor/Consignor No 208	3			
Specimen Name	Fluorite.							
Specimen Description	_	A dense coating of pale lilac gray fluorite cover nearly the entirely of this small cabinet specimen from Yunan Province in China.						
Specimen Location	Yunan, China	Yunan, China						
SpecimenType	Consignment	\ <u>\</u>	Auction ¹	Type Voice Auction				
Length 11.2	Width 8.7	Height 8.1		ight (g) 638				
Specimen Dimensions	11.2 x 8.7 x 8.1	cm.	Don/Cor	1				
Mineral Data	Fluorite: CaF2 Named in 1797 by Carlo Antonio Galeani Napione from the Latin, fluere = "to flow" (for its use as a flux). The term fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25. ex. Jim Gaudette							
Photo 1		Photo 2		Photo 3				

Specimen Number	155	Lot No.		Donor/Consignor No	208			
Specimen Name	Quartz "snow g	geode".						
Specimen Description	1	A showy cabinet specimen of a Moroccan "snow geode" – a quartz geode with its crystals coated by an unidentified chalky white material resembling snow.						
Specimen Location	Могоссо							
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length 15.7	Width 15.2	Height 1	10.5 W	eight (g) 1156				
Specimen Dimensions	15.7 x 15.2 x 10	.5 cm.	Don/Co	n				
Mineral Data	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300-325 BCE, κρύσταλλος or kristallos. Dana Class:75.01.03.01 Strunz Class:04.DA.05. ex. Jim Gaudette							
Photo 1		Photo	2	Photo 3				

Specimen Number	156	Lot No.		Donor/Consignor No 20°	7			
Specimen Name	Calcite. ≈							
Specimen Description	pseudomorph or	An interesting specimen of pearly white calcite growing as a coating seudomorph on large blades of an earlier mineral (anhydrite?) from Mexico. Similar calcites after anhydrite are known from Santa Eulalia.						
Specimen Location	Chihuahua, Mex	xico						
SpecimenType	Donation		Auctio	1 Type Voice Auction				
Length 14.1	Width 10.1	Height 8.		/eight (g) 1133				
Specimen Dimensions	14.1 x 10.1 x 8.0) cm.	Don/Ce	on				
Mineral Data	Calcite: CaCO₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05, ex. Bill Metropolis							
Photo 1		Photo 2	·	Photo 3	l			

Specimen Number	157 Lot No.	Donor/Consignor No 207				
	Glauberite.					
Specimen Description	1	arse-bladed glauberite, listed as coming from), but reminiscent of those from the Camp				
Specimen Location	Arizona					
SpecimenType	Donation \(\sim \)	Auction Type Voice Auction				
Length 15.8	Width 10.6 Height 6.6	Weight (g) 1094				
Specimen Dimensions	15.8 x 10.6 x 6.6 cm.	Don/Con				
Mineral Data	Glauberite. Named in 1808 by Brongniart for its chemical similarity to Glauber's salt, Na2SO4·10H2O, discovered by German alchemist Johann Rudolf Glauber (1604-1668). Natural Glauber's salt is the distinct species mirabilite. Type Locaity: Virgen del Castellar Mine (El Castellar Mine), Villarrubia de Santiago (Ocaña), Toledo, Castile-La Mancha, Spain. Dana Class:28.04.02.01 Strunz Class: 07.AD.25. ex. Bill Metropolis					
Photo 1	Photo 2	Photo 3				

Specimen Number	158	Lot No.		Donor/Consignor No	207			
Specimen Name	Calcite.							
Specimen Description	_	abinet specimen of coarse calcite, partially coated with an unnamed black pating (manganese oxide?), from Australia.						
Specimen Location	Australia							
SpecimenType	Donation	\ <u>\</u>	Auctio	Type Voice Auction				
Length 13.8	Width 11.9	Height 5.	9 w	/eight (g) 1072				
Specimen Dimensions	13.8 x 11.9 x 5	.9 cm.	Don/Co	on				
Mineral Data	Calcite: CaCO₃ Named as a mineral by Gaius Plinius Secundus (Pliny the elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz Class: 05.AB.05. ex. Bill Metropolis							
Photo 1		Photo 2		Photo 3				

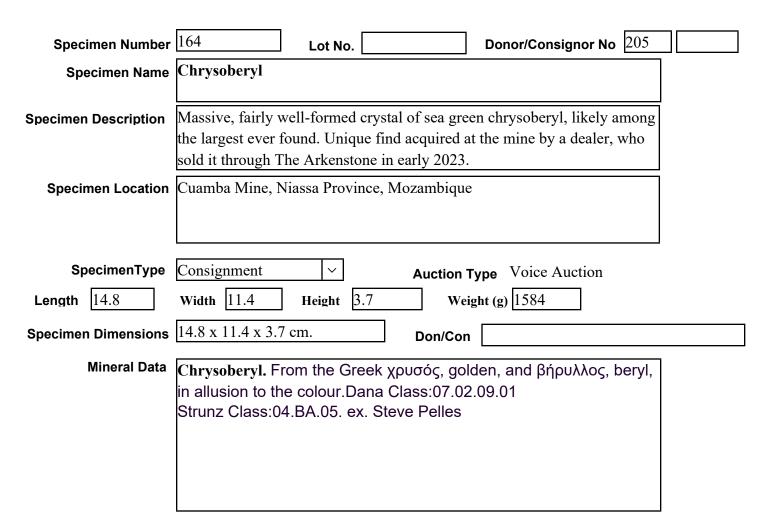
		_							
Specimen Number	· 159	Lot No.		Donor/Consignor N	lo 207				
Specimen Name	Siderite & Ca	lcite.							
Specimen Description	A plate of dus	ate of dusty brown siderite with calcite, from Bolivia.							
Specimen Location	Bolivia								
SpecimenType	Donation	~	Auctio	n Type Voice Auction					
Length 15.4	Width 7.7	Height 3	3.2	Veight (g) 338					
Specimen Dimensions	15.4 x 7.7 x 3	.2 cm.	Don/C	on					
Mineral Data	Siderite Na	med in 1845	by Wilhelm	Karl von Haidinger f	from				
			•	, in allusion to its					
	composition	• `	,,	,					
	Calcite: CaC	O₃ Named as a	mineral by Ga	ius Plinius Secundus (P	liny the				
				Class:14.01.01.01 Strui	nz				
	Class: 05.AB.	05. ex. Bill Met	ropolis						
Photo 1		Photo	2	Photo 3					
THE RESERVE									
A. 1993 M.									

Specimen Number	160	LatNa		Donor/Consignor No	207		
		Lot No.		Donot/Consignor No			
Specimen Name	Baryte (Barite)	& Dolomite	<u>.</u>				
Specimen Description	1 *	hand specimen liberally coated with baryte and dolomite, from the oravian-Silesian region of the Czech Republic.					
Specimen Location	Moravian-Siles	Moravian-Silesian Region, Czech Republic					
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction			
Length 9.3	Width 8.1	Height 5		Veight (g) 768			
Specimen Dimensions	9.3 x 8.1 x 5.7 c	m.	Don/C	on			
Mineral Data	Baryte . Named in 1800 by Dietrich Ludwig Gustav Karsten from the Greek βάρυζ, heavy, due to its unusual heaviness for a non-metallic mineral. Dana Class: 28.03.01.01 Dolomite. Named in 1791 by Nicolas Théodore de Saussure in honor of the French mineralogist and geologist, Déodat (Dieudonné) Guy Silvain Tancrède Gratet de Dolomieu [June 24, 1750, Dolomieu, near Tour-du-Pin, Isère, France. He discovered a specimen of what would eventually be called dolomite during his participation in Napoleon Bonaparte's expedition into Egypt in 1798. Dana Class:14.02.01.01. Strunz Class:05 AB.10. ex. Bill Metropolis						
Photo 1		Photo 2	2	Photo 3			

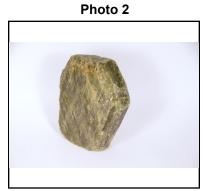
Specimen Number	161	Lot No.		Donor/Consignor No	207	
Specimen Name	Cerussite.					
Specimen Description	A small plate of	blocky ceru	ssite and dolomi	te from Arizona.		
Specimen Location	Arizona					
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction		
Length 8.6	Width 6.4	Height 5		eight (g) 397		
Specimen Dimensions	8.6 x 6.4 x 5.5 c	m.	Don/Co	n		
Mineral Data	Mineral Data Cerussite. Named in 1845 by Wilhelm Karl von Haidinger from the Latin, cerussa, meaning "white lead." Type Locality: Vicenza Province, Veneto, Italy, ex. Bill Metropolis					
Photo 1		Photo 2	2	Photo 3		

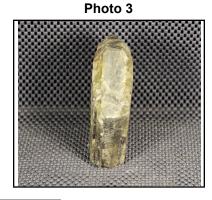
Specimen Number	162 Lot No.	Donor/Consignor No 200
Specimen Name	Fluorite & Sphalerite.	
Specimen Description	A large vug encased in dolomite, self-colle Walworth Quarry in New York, which con brown sphalerite and clear fluorite.	
Specimen Location	Walworth Quarry (Dolomite Products C Wayne Co., New York	Co. Inc. Quarry), Walworth,
SpecimenType	Donation \(\sqrt{} \) Auctic	on Type Voice Auction
Length 15.7	Width 15.1 Height 10.4	Weight (g) 5000+
Specimen Dimensions	15.7 x 15.1 x 10.4 cm. Don/C	Con
Mineral Data	Fluorite: CaF ₂ Named in 1797 by Carlo Antonio fluere = "to flow" (for its use as a flux). The term fluorite. Dana Class: 09.02.01.01 Strunz 03.6 Sphalerite, ZnS Originally called blende in Named in 1847 by Ernst Friedrich Glocker "sphaleros" = treacherous, in allusion to th were mistaken for galena, but yielded no le Class:02.08.02.01Strunz Class:02.CB.05a	n fluorescence is derived from AB.25 1546 by Georgius Agricola, from the Greek σφαλεροζ e ease with which dark varieties ead. Dana
Photo 1	Photo 2	Photo 3

Specimen Number	163 Lot No.	Donor/Consignor No 214
Specimen Name	Amber with an Enhydro	
Specimen Description	Orthopetra (grasshopper)	
Specimen Location	Dominican Republis	
SpecimenType	Consignment \(\) Auction	Type Voice Auction
Length 5.08	Width 2.73 Height 1.095 W	eight (g) 23
Specimen Dimensions	5.08 x 2.73 x 1.095 cm. Don/Co	on
Mineral Data	A fossil tree resin. In order to qualify as "amber", resin merely to harden by losing its volatiles, the which can take millions of years (or at least 100, amber becomes significantly less soluble in comnot become sticky if wetted with alcohol, acetone material marketed as "amber" (especially that from far too young to be considered amber and is in recommendation).	e molecules have to polymerize, ,000 years). After polymerization, nmon organic solvents, and so will e or gasoline. Much of the om Colombia and Madagascar) is
Photo 1	Photo 2	Photo 3
Demonstration New York The Control of the Control o	P Assair At A State of	









				_			
Specimen Number	165	Lot No.		Donor/C	Consignor No	205	
Specimen Name	Elbaite Tourma	aline					
Specimen Description	3 Terminated xls	s. Longest is ?	3.6 cm less th	an 1 g.			
Specimen Location	Mount Mica Qu	uarry, Paris,	Oxford Cour	nty, Maine			
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Void	ce Auction		
Length 3.6	Width 0.3	Height 0.		Veight (g)			
Specimen Dimensions	3.6 x 0.3 x 0.2 c	m.	Don/C	on			
Mineral Data	Schorl Series. Repo was a generic name 1703, it had been di Netherlands were a the new mineral inc less specific minera	Tourmaline Group (Elbaite-Liddicoatite Series, Dravite-Elbaite Series, and the Elbaite-Schorl Series. Reported by Christianus-Fridericus Garmann in 1707. The name "tourmali" was a generic name used in Ceylon [Sri Lanka] for colored gems, mostly zircons. About 1703, it had been discovered by Dutch lapidaries that some of the "zircons" arriving in the Netherlands were actually a previously undescribed mineral. Several names were given to the new mineral including "Pierre de Ceylan, by Lemery in 1717. Tourmalin, as a more or ess specific mineral name, was used by Rinmann in 1766. Hill called it Tourmaline Garnet in 1771 and Richard Kirwan shortened the name to "Tourmaline" in 1794.					
Photo 1		Photo 2		Pł	hoto 3		

Specimen Number	166	Lot No.		Donor/Consignor No 200	
Specimen Name	UV Display Rig				
Specimen Description	powerful 36 watt, 11	0V, custom SW/M' atop Nate's custom-	W/LW UV lar built stand for	al UV display rig. It consists of a np which can be used as a stand-r a countertop display. (Fluorescent	
Specimen Location			,,		
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction	
Length 45	Width 20	Height 10	We	eight (g)	
Specimen Dimensions	45 x 20 x 10 cm.		Don/Co	n	
Mineral Data	handle) and fits see	curely into the cus	tom black st	(18 cm tall with feet and and which is 70x46x48 cm. The LW UV, MW UV and SW UV,	

and the stand has a normal light switch which controls 2 small fluorescent white lights for "daylight" viewing. The lamp is powerful enough to display strong fluorescence in normal room light, and normal fluorescence clearly in a dark

room or with a black cloth surround (not included). Ex Nate Martin

Photo 1



Photo 2



Photo 3

		-			
Specimen Number	167	Lot No.		Donor/Consignor No	206
Specimen Name	Cenco Binocula	ar Microsco	pe		
Specimen Description	Range 10x to 30) x			
Specimen Location					
SpecimenType Length Specimen Dimensions	Donation Width	V Height		n Type Voice Auction Veight (g)	
Mineral Data	ex. Mike Harito	os			
Photo 1		Photo	2	Photo 3	

Specimen Number	168 Lot No.	Donor/Consignor No 210	
Specimen Name	Calcite		
Specimen Description	Cabinet specimen of large pearly white	calcite crystals from China.	
Specimen Location	Hunan, China		
SpecimenType	Donation \(\)	U - Voice Austin	-
		ction Type Voice Auction	
Length 21.5	Width 19.5 Height 5.7	Weight (g) 6803	
Specimen Dimensions	21.5 x 19.5 x 5.7 cm.	n/Con	
Mineral Data	Calcite: CaCO₃ Named as a mineral by elder) in 79 from Calx, Latin for Lime.Da Class: 05.AB.05. ex Jonathan Goldberg	, , ,	
Photo 1	Photo 2	Photo 3	

Specimen Number	169	Lot No.	Donor/Consignor No 211					
	Actinolite & Ma			<u> </u>				
Specimen Description		A small cabinet specimen liberally coated on both sides in actinolite, with iny magnetites also listed.						
Specimen Location	Westfield, MA]				
	Donation	· ·	ction Type Voice Auction	_				
Length 16.0 Specimen Dimensions	Width 10.9 16.0 x 10.9 x 3.8	Height 3.8 3 cm. Do	Weight (g) 607					
Mineral Data	Actinolite is an intermediate member Actinolite-Tremolite Series. Named in 1794 by Richard Kirwan from the Greek ακτίνα ("aktina") for "ray" and λίθος ("lithos") for "stone" in allusion to the fibrous nature of the original specimens. Dana Class:66.01.03a.02 Strunz Class:09.DE.10 Magnetite. Originally called lodestone as early as 1548 and by other names. Named in 1845 by Wilhelm Karl von Haidinger for the locality at Magnesia, Greece (site for lodestone). Dana Class:07.02.02.03 Strunz Class:04.BB.05 ex. Larry Bull.							
Photo 1		Photo 2	Photo 3					

	170	I		016				
Specimen Number		Lot No.		Donor/Consignor No 216				
Specimen Name	Apophyllite							
Specimen Description	_	ine specimen of coarse crystals of clear to pearly white apophyllite from the world famous Pune, India, region.						
Specimen Location	Pune District, India							
SpecimenType	Donation	<u> </u>	uction Ty	ype Voice Auction				
Length 8.5	Width 6.5	Height 4.6	Weig	ht (g) 168				
Specimen Dimensions	8.5 x 6.5 x 4.6 c	m.	on/Con					
Mineral Data	"leaf" (φύλλον, heating.Fluora common and w species consid Dana Class:72	Apophyllite. From the Greek for "away from" (ἀπό, apo) and leaf" (φύλλον, phyllos), in allusion to the way it exfoliates upon leating. Fluorapophyllite-(K), KCa ₄ [Si ₈ O ₂₂]F · 8H ₂ O, is the most common and widespread member of the group, and it is usually the pecies considered when "apophyllite" is used as a general name. Dana Class:72.03.01.02 Strunz Class:09.EA.15						

Specimen Number	171	Lot No.		Donor/Consignor No	200	
Specimen Name	Mineral Cabinet	. Eleven Shelves	, 37.5 x 27.5	5 x 20 inches		
Specimen Description						
Specimen Location	ex. Nate Martin					
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction		
Length 95.25	Width 69.85	Height 50.8		eight (g)		
Specimen Dimensions	95.25 x 69.85 x	50.8 cm.	Don/Co	n		
Mineral Data						
Photo 1		Photo 2		Photo 3		

Specimen Number	172	Lot No.		Donor/Consignor No 217				
Specimen Name		Raytech Gem Maker GSP-BA #2449						
		1/8 x 21 1/8 x 19 1/2 inches electrical power set up for six wheels accepting 8 inch sanding and/or						
Specimen Description	_	_						
	ponsining discs t	shing discs to work on lapidary materials.						
Specimen Location	ex. Michael Mel	. Michael Meller						
·								
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length 75.51	Width 53.65	Height 49.53	_	ight (g)				
Specimen Dimensions	75.51 x 53.65 x	49.53 cm.	Don/Cor	n				
Mineral Data					,]			
Photo 1		Photo 2		Photo 3	_			

Specimen Number	173	Lot No.		Donor/Consignor No 21	7			
Specimen Name		Craftsman Lapidary Set Up						
		2 x 13 x 9 inches electrical set up for 4 power stations to polish and/or grind lapidary erials,						
Specimen Description	An electrical materials,							
	,							
Specimen Location	ex. Michael N	Michael Meller						
SpecimenType	Consignment		Auctio	on Type Voice Auction				
Length 80.01	Width 33.02	Height 22	2.86	Weight (g)				
Specimen Dimensions	80.01 x 33.02	x 22.86 cm.	Don/C	Con				
Mineral Data								
Photo 1		Photo 2	!	Photo 3	-			
]			

Specimen Number	174	Lot No.		Donor/Consignor No 217	
Specimen Name			apply fine fi	nishes on you lapidary work	
Specimen Description	30.5 x 14 3/4 x	12 5/8 inches			
Specimen Location	ex. Michael Me	ller]
SpecimenType Length 77.4	Consignment Width 32.85	V	Auction We	Type Voice Auction ight (g)	
Specimen Dimensions	77.4 x 32.85 x 3	0.63 cm.	Don/Cor	1	
Mineral Data]
Photo 1		Photo 2		Photo 3	







Specimen Number	175	Lot No.		Donor/Consignor No 2	17
Specimen Name			ond Saw		
Specimen Description					
Specimen Location	ex. Michael Mel	ler			
SpecimenType Length Specimen Dimensions	Consignment Width	V Height	We	Type Voice Auction	
Mineral Data			Don/Cor	1	
Photo 1		Photo 2		Photo 3	

Specimen Number	176	Lot No.	Donor/Consignor	No 217
		nd several lapidary disc	es for polishing and grinding	
Specimen Description				
Specimen Location	ex. Michael Mel	ler		
SpecimenType Length	Consignment Width	Y Au	uction Type Voice Auctio	n
Specimen Dimensions		D	on/Con	
Mineral Data				
Photo 1		Photo 2	Photo 3	

Specimen Number	179	Lot No.		Donor/Consignor No	217			
Specimen Name	Polarizing Microscope. used to observe the birefringent properties of anisotropic specimens by monitoring image contrast or color changes.							
Specimen Description	Used to observ	Jsed to observe the birefringent properties of anisotropic pecimens by monitoring image contrast or color changes.						
Specimen Location	ex. Michael Mel	ler						
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length	Width	Height	We	eight (g)				
Specimen Dimensions			Don/Co	n				
Mineral Data								
Photo 1		Photo 2		Photo 3				
		UVICKERS 214-02	INSTRUMENTS)					

Specimen Number	180	Lot No.		Donor/Consignor No 217			
Specimen Name	Analytical Bal	ance					
Specimen Description	form of a trans	nalytical balances have a draft shield or weighing chamber in the rm of a transparent enclosure so that air currents and dust do not fect the Analytical Balances Operation. Needs an overhaul.					
Specimen Location	ex. Michael Mel	ler					
SpecimenType	Consignment	~	Auction ¹	Type Voice Auction			
Length 45.72	Width 43.40	Height 25.4	We	ight (g)			
Specimen Dimensions	45.72 x 43.40 x	25.4 cm.	Don/Cor	1			
Mineral Data]		
Photo 1		Photo 2		Photo 3			

Specimen Number	179	Lot No.		Donor/Consignor N	o 217			
Specimen Name	Double Pan Ba	alance						
Specimen Description	comparative	nown for Its convenience and accuracy is commonly used for omparative weighing to determine the difference in mass between to objects rather than their absolute value.						
Specimen Location								
SpecimenType Length	Consignment Width	V Height		n Type Voice Auction Veight (g)				
Specimen Dimensions			Don/C	on				
Mineral Data								
Photo 1		Photo	2	Photo 3				
	Photog	raphed by: Mi	chael Haritos					