Specimen Number	001	Lot No.		Donor/Consignor No 20	00				
Specimen Name	Fluorite and C	alcite							
Specimen Description	generously cov	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	China 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	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 Fluorite: CaF ₂ 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	٦				

Specimen Number	002	Lot No.		Donor/Consignor No	200			
Specimen Name								
Specimen Description	and malachite on p	nzurite thumbnails from the Atlas Mountains of Morocco. Two showy thumbnails of azurite and malachite on pink baryte, the larger of which also has white fluorites, making a nice ombination of colors. From the Nate Martin fluorite collection.						
Specimen Location	Atlas Mountains	Atlas Mountains, Morocco						
SpecimenType Length Perky	Donation Width	V Height	Aucti	on Type Voice Auction Weight (g)				
Specimen Dimensions	Perky x x cm.		Don/	Con				
Mineral Data	Azurite: Cu3(CO3)2(OH)2 Dana Class:16a.02.01.01 Strunz Class: 05.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				
Hause ose. Alter time								

Specimen Number	003	Lot No.	Donor/Consignor No 200				
Specimen Name	Fluorite & Quartz			7			
Specimen Description	of pale lavender fluor	Fluorite on quartz from the Xian Hualin Mine, Hunan Province, China. Large cubes of pale lavender fluorite on sparkly quartz matrix, from the Nate Martin fluorite collection. J B Stone label.					
Specimen Location	Xian Mine, Hunan	Prov. China					
SpecimenType	Donation	Auc	ction Type Voice Auction				
Length 5.2	Width 4.4	Height 3.2	Weight (g) 172				
Specimen Dimensions	5.2 x 4.4 x 3.2 cm.	Do	n/Con				
Mineral Data	Fluorite: CaF ₂ 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 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	004	Lot No.	Donor/Consignor No 200					
	Fluorite & Wulfeni							
Specimen Description		nite from Tombstone	•					
		ssociation of complex frosted green fluorite with accessory ⁄ulfenite. From the Nate Martin fluorite collection.□						
Specimen Location	Tombstone, AZ							
SpecimenType	Donation	Auctio	n Type Voice Auction					
Length 8.7	Width 4.7	Height 4.0	Veight (g) 163					
Specimen Dimensions	8.7 x 4.7 x 4.0 cm.	Don/C	on					
Mineral Data	Fluorite: CaF2 Nan	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							
	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							
				J				
Photo 1		Photo 2	Photo 3					
	2							
A Section of the sect								
Specimen Dimensions 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(MoO ₄ 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							

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Specimen Number	006	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite & Clin	Fluorite & Clinozoisite							
Specimen Description	Valley, Inyo County	Fluorite 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	Birch Creek, Inyo, 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	007 Lot No.	Donor/Consignor No 200					
Specimen Name	Garnet Group (Almandine)						
Specimen Description	Garnet, locality unknown. A large black pegmatite garnet showing distinct trapezohedral form on a matrix of white feldspar. Ex Nate Martin.						
Specimen Location	Maine						
SpecimenType	Donation \(Auction Type Voice Auction					
Length 6.0	Width 4.9 Height 4.3	Weight (g) 167					
Specimen Dimensions	6.0 x 4.9 x 4.3 cm.	Don/Con					
Mineral Data	Carbuncle in 77-79 by Pliny the	3Al2(SiO4)3 hticus = Carthaginian or Garamantic Elder. Earlier named ΑνθραΣέ by his honorary name, Theophrastus,					
Photo 1	Photo 2	Photo 3					

Specimen Number	008			Denov/Consigner No.	200			
		Lot No.		Donor/Consignor No				
Specimen Name	Carletonite & A	Aegerine						
Specimen Description	example of deep bli 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 Quarry at Mont Saint Hilaire in Quebec, which is known as a "best in the world" locality for arletonite. From the Nate Martin fluorite collection.						
Specimen Location		ire, La Vallé	e-du-Richelie	u RCM, Montérégie, Québe	ec,			
	Canada							
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 5.5	Width 4.5	Height 3	.1	Weight (g) 72				
Specimen Dimensions	5.5 x 4.5 x 3.1 c	m.	Don/C	Con				
Mineral Data	Carletonite: K	Na4Ca4Si8	O18(CO3)4(OH,F)·(H2O) Named after	er er			
	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	reddish-orange g	Grossular from the VAG Quarry, Lowell/Eden Mills, Vermont. Lovely specimen of eddish-orange grossular garnet etched free from enclosing calcite, self-collected by Nate Martin on a BMC field trip to the locality.							
Specimen Location	Belvidere Mour Vermont, USA	Belvidere Mountain Quarries, Lowell & Eden, Orleans & Lamoille Cos., Vermont, USA							
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	Grossular Ca ₃ Al ₂ (SiO ₄) ₃ The classical name for a group of silicate minerals with the same structure. Originally named "cinnamon stone" ("Kanelstein" in German) in 1803 by Abraham Gottlob Werner 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 & Fluo	rapatite							
Specimen Description	Quebec, Canada. Int	Aegerine, 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., Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, Canadaa							
SpecimenType	Donation	\ <u>\</u>	Auctior	Type Voice Auction					
Length L. Perky	Width	Height	W	eight (g)					
Specimen Dimensions	L. Perky x x cn	n.	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: Ca ₅ (PO ₄) ₃ F 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	_				

Specimen Number	011	Lot No.		Donor/Consignor No	200			
Specimen Name								
Specimen Description	specimen showin	Prehnite from the Roncari Quarry, East Granby, Connecticut. Lovely hand pecimen showing the classic helmet-shaped aggregates of lustrous green prehnite on white calcite for which this locality is known. Ex Nate Martin.						
Specimen Location	Roncari Quarry,	Roncari Quarry, East Granby, Hartford County, Connecticut, USA						
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction				
Length 6.3	Width 4.0	Height 3	v.8 v	Weight (g) 129				
Specimen Dimensions	6.3 x 4.0 x 3.8 c	6.3 x 4.0 x 3.8 cm. Don/Con						
Mineral Data	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				

Specimen Number	012	Lot No.		Donor/Consignor No	200			
Specimen Name			& Arfvedson					
Specimen Description	Saint-Hilaire, Que	atapleite, rhodochrosite and arfvedsonite from the Poudrette Quarry, Mont aint-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	Iont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, anada						
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	Catapleiite Na2Zr(Si3O9) · 2H2O Name is Greek κατα = 'with' and πλειον = 'more' and refers 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. Chatha	am, 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 paquinites from the type locality of both, etched from a bed of white natrolite. The small paquinite 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	\ <u>\</u>	Auction	Type Voice Auction					
Length 78	Width	Height _		eight (g)					
Specimen Dimensions	78 x x cm.		Don/Co	n					
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		Photo 3					

Specimen Number	015	Lot No.		Donor/Consignor No 20	0				
		Ludlamite on Siderite							
Specimen Description	this hydrated iron	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	.5	Weight (g) 97					
Specimen Dimensions	5.3 x 4.9 x 2.5 c	m.	Don/C	on					
Mineral Data	Ludlamite $Fe^{2+}_{3}(PO_{4})_{2} \cdot 4H_{2}O$ 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	1				

Specimen Number	016	Lot No.		Donor/Consignor No	200				
Specimen Name									
Specimen Description	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 e	Stilbite 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 examples from the Thomaston Dam and O&G Traprock Quarry, both in Woodbury, Connecticut. Ex Nate Martin.								
Specimen Location	СТ									
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length 4.6	Width 4.4	Height 1	.8 v	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	_					

Specimen Number	018	Lot No.		Donor/Consignor No	200					
Specimen Name			olylithionite	Bollot/consignor No						
Specimen Name	Kilodociii osite,	Lenite & I	orymenionic							
Specimen Description	Hilaire, Quebec, (thodochrosite and leifite on polylithionite from the Poudrette Quarry, Mont Saint- lilaire, 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	n Type Voice Auction						
Length L. Perky	Width	Height		Veight (g)						
Specimen Dimensions	L. Perky x x cr	n.	Don/C	on						
Mineral Data	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 Class:09.EC.20 09									
Photo 1		Photo 2	2	Photo 3						
Rhodochronite and Leifit On Polylithianite De-Mix Quarry Mount Saint Hillie Typid 2										

Specimen Number	019	Lot No.		Donor/Consignor No 200						
		Powellite on Stilbite								
Specimen Description	white powellite ne	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>	Auctio	on Type Voice Auction						
Length 5.6	Width 5.5	Height 3	.8 v	Weight (g) 101						
Specimen Dimensions	5.6 x 5.5 x 3.8 c	m.	Don/C	con						
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	2	Photo 3						

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 20	00						
Specimen Name	Milarite										
Specimen Description	nice example	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	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								
Specimen Description	Gemmy royal t	Topaz from the Boa Vista Mine, Galileia, Minas Gerais, Brazil. Gemmy royal topaz, both free standing and embedded in matrix, Tom a Brazilian pegmatite locality. Ex Nate Martin.							
Specimen Location	Boa Vista Mine,	M.G. Brazil							
SpecimenType Length 4.5	Donation Width 4.4	Y A	Auction Type Voice Auction Weight (g) 60						
Specimen Dimensions			Don/Con						
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 Cal	cite							
Specimen Description	darker purple core	Fluorite on calcite from Auglaiz, Ohio. Lavender cubic fluorites, zoned with slightly larker purple cores, from the Auglaize Quarry in Junction, Ohio. From the Nate Martin fluorite collection. Stepping Stone Minerals label.							
Specimen Location	Auglaize Qry, M	Ioulton town	ship, Ohio						
SpecimenType Length 4.8	Donation Width 4.0	V Height 3.		n Type Voice Auction Veight (g) 52					
Specimen Dimensions			Don/C						
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.			Donor/Consignor No 20	00				
Specimen Name	Hydroxylherde	Hydroxylherderite, Elbaite & Lepidolote								
Specimen Description	combination piece	Hydroxylherderite, elbaite and lepidolite from the Dunton Mine, Newry, Maine. Colorful combination piece of hydroxylherderite, pale elbaite tourmaline and pink lepidolite collected in 1978 from the famous Dunton Mine in Maine. Ex Nate Martin.								
Specimen Location	Dunton Mine, Newry, ME									
SpecimenType	Donation	~	Auctio	on Ty	pe Voice Auction					
Length 7.5	Width 4.9	Height 3	3.5	Weigh	ht (g) 145					
Specimen Dimensions	7.5 x 4.9 x 3.5 c	m.	Don/0	Con						
Mineral Data	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	٦				

Specimen Number	025	Lot No.		Donor/Consignor No	200				
Specimen Name	Apatite Group (Apatite Group (Carbonate-rich)							
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, B	Brazil							
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction					
Length 4.0	Width 3.4	Height 3	3.3 v	Veight (g) 25					
Specimen Dimensions	4.0 x 3.4 x 3.3 c	4.0 x 3.4 x 3.3 cm. Don/Con							
Mineral Data	Renamed in 18 Carl F. Ramme Apatite is from was often conf	uor-apatite (Carbonate-rich Ca5(PO4,CO3)3F enamed in 1860 from the original apatite of Abraham Werner by earl F. Rammelsberg to emphasize the chemical composition. coatite is from the Greek ἀπατάω (apatao), to deceive, as apatite eas often confused with other minerals (e.g. beryl, milarite or enakite).Dana Class:41.08.01.04 Strunz Class:08.BN.05							
Photo 1		Photo 2	2	Photo 3					

Specimen Number	026	Lot No.		Donor/Consignor No	200			
Specimen Name			er one's dimer					
Specimen Description	specimens showing	Two fluorite specimens from the Nikolaevsky Mine in Dal'Negorsk, Primorsky, Russia. Two specimens showing small water clear fluorites from the world famous Dal'Negorsk leposits. From the Nate Martin fluorite collection. Rocksmith and Trinity Mineral Company labels.						
Specimen Location	Nikolaevskiy M Krai, Russia	Vikolaevskiy 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	Latin, fluere = "to	Fluorite: 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 lerived 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 he purplish red corundum (var. ruby). Ruby corundum fluorescent light and even turns brighter red in sunl	fluoresces bright red under
Specimen Location	Madagascar	
SpecimenType	Donation \(\sqrt{} \) Auction Ty	ype Voice Auction
Length 2.5	Width 2.4 Height 1.2 Weig	ght (g) 25
Specimen Dimensions	2.5 x 2.4 x 1.2 cm. Don/Con	
Mineral Data	Corundum (Cr-bearing) Ruby Al2O3 Name by John Woodward and derived from the S ("Ruby"). Richard Kirwan used the current 1794. Known by many names in ancient tir ruby, hyacinthos, asteria, etc. Dana Class:04.03.01.01 Strunz Class:04.0	Sanskrit, kuruvinda spelling "corundum" in mes: adamant, sapphire,
Photo 1	Photo 2	Photo 3





Specimen Number	028	Lot No.		Donor/Consignor No	200			
Specimen Name		<u> </u>						
Specimen Description	from this locality. Th	Mimetite from Mapimi, Mexico. Mimetite ranges in color from green to yellow to orange rom this locality. This specimen displays intense orange balls of mimetite scattered across ts face. While not listed as such, this specimen most likely comes from the Ojuela Mine. Ex Nate Martin.						
Specimen Location	Mapimi, Mexico)						
SpecimenType	Donation	~	Auctio	n Type Voice Auction				
Length 5.0	Width 4.2	Height 4.	.2	Veight (g) 128				
Specimen Dimensions	5.0 x 4.2 x 4.2 c	m.	Don/C	on				
Mineral Data	,	he Greek µi o pyromorph	ϊμητής for "im nite.	5 by François Sulpice nitator," in allusion to its 3.BN.05				
Photo 1		Photo 2	2	Photo 3	\neg			

Specimen Number	029	Lot No.		Donor/Consig	nor No 200	
Specimen Name	Quartz var. An	nethyst				
Specimen Description	1	ated crystal	of amethyst f	etts. This is a ver rom the Aggregatin.	•	s
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	·		_					
Specimen Number		Lot No.		Do	onor/Consignor No	200			
Specimen Name	Fluorite, Sphal	erite, & Bary	yte						
Specimen Description	specimen displays	uorite (with sphalerite and baryte) from the Tao Ling Mine, Hunan Province, China. This becimen displays large, complex stepped cuboctahedral white fluorite crystals with ccessory 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.	5	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	uorite: Named in 1797 by Carlo Antonio Galeani Napione from Latin fluere = "to flow" (for its use a flux). Fluorescence is derived from fluorite. Dana Class: 09.02.01.01 Strunz 03.AB.25 phalerite, ZnS Originally called blende in 1546 by Georgius Agricola Named Sphalerite in 847 by Ernst Friedrich Glocker from the Greek σφαλεροζ "sphaleros" = treacherous, in lusion to the ease with which dark varieties were mistaken for galena, but yielded no ad. Dana Class:02.08.02.01Strunz Class: 02.CB.05a aryte, BaSO4 Named in 1800 by Dietrich Ludwig Gustav Karsten from the Greek βάρυζ, eavy, due to its unusual heaviness for a non-metallic mineral. Dana Class:28.03.01.01 trunz Class:07.AD.35							
Photo 1		Photo 2			Photo 3				

Specimen Number	031	Lot No.		Donor/Consignor N	lo 200				
Specimen Name	Babingtonite								
Specimen Description	cluster of lustrous be recent finds in Chin	abingtonite from Lane's Trap Rock Quarry, Westfield, Massachusetts. This is a fine small luster of lustrous black babingtonite crystals from the famous Lane's Quarry. Prior to the ecent finds in China, babingtonite from the Lane's Quarry was considered among the nest in the world. Ex Nate Martin.							
Specimen Location	Lane & Son trap County, Massac	-		rry), Westfield, Hampde	n				
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 3.7	Width 3.2	Height 2	0.0	Weight (g) 17					
Specimen Dimensions	3.7 x 3.2 x 2.0 c	m.	Don/C	Con					
Mineral Data	Named after D	Babingtonite Ca2(Fe,Mn)FeSi5O14(OH) Iamed after Dr. William Babington (May 21, 1756 Portglenone, ear 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		Lot No.		Donor/Consignor No 200				
Specimen Name	Fluorite & Sti	lbite						
Specimen Description	Large, deep p	Fluorite and stilbite from the San Martin Mine, Zacatecas, Mexico. Large, deep purple cuboctahedra of fluorite with accessory stilbite. From the Nate Martin fluorite collection. Webminerals label.						
Specimen Location	San Martin Mi	ne, Zacatecas,	Mexico					
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction				
Length 7.9	Width 5.3	Height 2.		Veight (g) 88				
Specimen Dimensions	7.9 x 5.3 x 2.4	cm.	Don/C	on				
Mineral Data	Latin, fluere = " derived from flu Stilbite M6-7[Claude de la shine, or "stilk	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	!	Photo 3				

Specimen Number	033	Lot No.		Donor/Consignor No	200				
Specimen Name	Wulfenite & M	imetite							
Specimen Description	is more famous for l window pane habit,	right yellow-orange "window pane" wulfenite scattered on deep orange mimetite.Mapimi more famous for blocky and bipyramidal wulfenite,but some older specimens display this rindow 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								
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction					
Length 9.2	Width 6.9	Height 5		eight (g) 197					
Specimen Dimensions	9.2 x 6.9 x 5.1 c	m.	Don/Co	n					
Mineral Data	Haidinger in ho Dana Class:48 Mimetit e Pb5(A Beudant from t resemblance to	Wulfenite Pb(MoO4) Renamed in 1845 by Wilhelm Karl von laidinger in honor of Franz Xaver Freiherr von Wulfen. Lana Class:48.01.03.01 Strunz Class:07.GA.05 Imetite Pb5(AsO4)3Cl Named in 1835 by François Sulpice eudant from the Greek μιμητής for "imitator," in allusion to its esemblance to pyromorphite.							
Photo 1		Photo 2	2	Photo 3	$\overline{}$				
33									

Specimen Number	034	Lot No.		Donor/Cons	ignor 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, Canad	la					
SpecimenType	Donation	~	Auctio	on Type Voice A	uction				
Length L. Perky	Width	Height		Weight (g)					
Specimen Dimensions	L. Perky x x cr	n.	Don/0	Con					
Mineral Data	after its disco	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	
		senic-bearing Va	nadinite)		7'
Specimen Description	Chihuahua, Mexico almost certainly from	o. This is a lovely bed m the Erupcion Mine	of jackstraw i in Alhumada	g from the Ahumada Mine in needles of dark brown endlichite, Municipality, Chihuahua, Mexico st older label). Ex Nate Martin.	
Specimen Location	Chihuahua, Mez	xico			7
SpecimenType	Donation		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 c	m.	Don/Co	on [
Mineral Data	Rio (1764-184 before the eler	9), Professor, S	chool of M was disco	overed by Señor A.M. del lines of Mexico, Zimapan, vered in 1830. Dana 05	
Photo 1		Photo 2		Photo 3	

Specimen Number	036	Lot No.		Donor/Consignor No 200				
Specimen Name	(Apatite Group	'	ıtite]			
Specimen Description	mine on the outskirt have been found to	everal 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	ango, Mexico)					
SpecimenType Length 5.7	Donation Width 4.5	V Height 2		on Type Voice Auction Weight (g) 71	_			
Specimen Dimensions		m.	Don/0					
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 Earl F. Rammelsberg to emphasize the chemical composition. patite is from the Greek ἀπατάω (apatao), to deceive, as apatite vas often confused with other minerals (e.g. beryl, milarite or henakite).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 thite 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	(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	038	Lot No.		Donor/Consignor No	200				
Specimen Name	Fluorite			_					
Specimen Description	semi-lustrous deep discovery in 2001 ir	luorite 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 iscovery in 2001 in a roadcut on Highway 17 outside Rossport, Ontario. From the Nate lartin fluorite collection. Northern Lights Minerals label.							
Specimen Location	Rossport, Ontar	o, Canada							
	Donation	\		Type Voice Auction					
Length 8.0	Width 5.8	Height 3	.8 W	eight (g) 157	_				
Specimen Dimensions	$8.0 \times 5.8 \times 3.8 \text{ c}$	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	039	Lot No.		Donor/Consignor No 200				
Specimen Name	Flourite & Galena	1]			
Specimen 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	\ <u>\</u>	Auctio	on Type 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/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 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 20	00					
Specimen Name	Carrolite									
Specimen Description	uncommon copper	-cobalt-nickel sul	fide, showing the	go. Excellent example of carollite, classic octahedral form, stepped i, with Jewel Tunnel Imports label						
Specimen Location	Katanga, D.R.C	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	4.2 x 3.8 x 2.8 cm. Don/Con								
Mineral Data	the type localit	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	٦					

Specimen Number	041	1 -4 11-		Donor/Consignor No 200					
-		Lot No.	aslita & Chah		_				
Specimen Name	Scheente var: N	cheelite var: Molybdoscheelite & Chabazite							
Specimen Description	self-collected exam	ple of Mo-beari rains are fairly	ng scheelite from nondescript in da	m Hudson, MA. This is a Nate Martin the Route 62 locality. The whitish ylight, resembling the associated ight.					
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	Wilhelm Scheele Chabazite: (Na2,K Bosc d'Antic from named in the poel ascribed to Orphe	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 20	00				
Specimen Name	Quartz & Pyrit	e							
Specimen Description		slender qua	ırtz needles s	n Pachuqua, Peru. Lovely itting on a matrix of sulfide o label.	S.				
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	in about 300-32 Strunz Class:04 Pyrite FeS2 Na sparks flew from Dioscorides (~5	Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus n 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	٦				

Specimen Number	043	Lot No.		Donor/Consignor N	lo 200					
Specimen Name	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	~	Auctio	n Type Voice Auction						
Length L. Perky	Width	Height _		Veight (g)						
Specimen Dimensions	L. Perky x x cr	L. Perky x x cm. Don/Con								
Mineral Data	after the type length in Hungarian),	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.								
Photo 1		Photo 2	!	Photo 3						

Specimen Number	044	Lot No.		Donor/Consignor No	200			
Specimen Name	Fluorite							
Specimen Description	representative piece hydrothermal depos	luorite from the Elmwood Mine, Carthage, Tennessee. This is an aesthetic and very epresentative piece of the pale purple fluorite from the famous Elmwood Mine. This is a ydrothermal deposit formed on gray dolomite breccia. From the Nate Martin fluorite ollection. Scholten's Fine Minerals label.						
Specimen Location	Elmwood Mine,	Carthage, TN						
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction				
Length 5.4	Width 4.3	Height 3.2		eight (g) 82				
Specimen Dimensions	5.4 x 4.3 x 3.2 c	m.	Don/Co	n				
Mineral Data	Latin, fluere = "to	flow" (for its use	as a flux).	onio Galeani Napione from The term fluorescence is 01 Strunz 03.AB.2	the			
Photo 1		Photo 2		Photo 3				

	[a.e.			1					
Specimen Number		Lot No.		Donor/Consignor No 200					
Specimen Name	Fluorite & Calc	ite							
Specimen Description	fluorite cubes f	Fluorite and calcite from Derbyshire, England, UK. Clear white luorite cubes from a prolific English fluorite district. From the Nate Martin fluorite collection.							
Specimen Location	Derbyshire Engl	Derbyshire England							
SpecimenType	Donation		Auction	Type Voice Auction					
Length 6.4	Width 4.0	Height 2.9		eight (g) 80					
Specimen Dimensions	6.4 x 4.0 x 2.9 cı	n.	Don/Co	n					
Mineral Data	the Latin, fluere derived from fluct Calcite CaCO3 N in 79 from Calx, La Quartz: SiO ₂ Th in about 300-325	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 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	046	Lot No.		Donor/Consignor No	200				
Specimen Name			artz						
Specifieli pescribtion	fine example of sha	purnonite on fluorite and quartz, from Yaogangxian Wolfram Mine, China. An extremely e example of sharp silver bournonite crystals perched on pale lavender fluorite. Ex Nate artin fluorite collection. Well-Arranged Molecules label.							
Specimen Location	Hunan Prov., Cl	nina							
SpecimenType 	Donation		Auctio	on Type Voice Auction					
Length 4.8	Width 4.4	Height 3	.4 v	Weight (g) 75					
Specimen Dimensions	4.8 x 4.4 x 3.4 c	m.	Don/C	on					
Mineral Data	Louis, Comte de I and mineralogist. Fluorite: Named in flow" (for its use as	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	Fluorite			-	\neg				
Opconnen Description	pale blue fluorite	Fluorite from the Royal Flush Mine, Bingham, New Mexico. An aesthetic cluster of pale blue fluorite cubes on matrix. A fine example from this classic locality. From the Nate Martin fluorite collection.							
Specimen Location	Royal Flush Mii	Royal Flush Mine, 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	n					
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		Photo 3					

Specimen Number	048	Lot No.		Donor/Consignor No 200)				
Specimen Name	Actinolite								
Specimen Description	the large, free	Actinolite from West Pierrepoint, New York. Excellent example of the large, free growing actinolite crystals from this historic temphibole locality in far upstate New York. Ex Nate Martin.							
Specimen Location	West Pierrepont	, NY			7				
	Donation	V		Type Voice Auction	_				
Length 7.3	Width 7.2	Height 6.4	We	eight (g) 164					
Specimen Dimensions	$7.3 \times 7.2 \times 6.4 \text{ c}$	m.	Don/Co	n					
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					

Specimen Number	049 Lot No.	Donor/Consignor No 200							
Specimen Name	Uvite								
Specimen Description	Uvite from Power's Farm in Pierrepoint, New York. Coarse blackish-brown crystals of uvite tourmaline (probably fluor-uvite in the new tourmaline scheme) from an unusual locality in upstate New York. Ex Nate Martin.								
Specimen Location	Bower Powers Farm, Pierrpont, NY								
SpecimenType		Type Voice Auction							
Length 6.4	Width 5.8 Height 3.9 We	eight (g) 118							
Specimen Dimensions	6.4 x 5.8 x 3.9 cm. Don/Cor	n							
Mineral Data	Uvite CaMg3(Al5Mg)(Si6O18)(BO3)3(OH)3(OH). Named for Uva Province, Sri Lanka, the first reported occurrence. Dana Class:61.03b.01.03 Strunz Class:09.CK.05								
Photo 1	Photo 2	Photo 3							

	050	l			5 10 : N 200				
Specimen Number		Lot No.			Donor/Consignor No 200				
Specimen Name	Fluorite & Gal	ena							
Specimen Description	Fluorite and galena from the Naica Mine in Chihuahua, Mexico. Glassy white fluorite crystals with associated shiny galena from the Nate Martin fluorite collection. Label from The Collector's Stope.								
Specimen Location	Naica, Mexico								
SpecimenType	Donation	~	Auc	tion T	ype Voice Auction				
Length 6.3	Width 4.8	Height 3	.1	Weig	ght (g) 84				
Specimen Dimensions	6.3 x 4.8 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.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.10								
Photo 1		Photo 2	2		Photo 3				

Specimen Number	051	Lot No.		Donor/Consignor No 20	00					
Specimen Name										
Specimen Name	Siderite & Qua	II (Z								
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 N	Mine, Devon	England							
SpecimenType	Donation	<u></u>	Auctio	n Type Voice Auction						
Length 6.0	Width 4.5	Height 4	.5 v	Veight (g) 83						
Specimen Dimensions	6.0 x 4.5 x 4.5 c	m.	Don/C	on						
Mineral Data	from the Greek composition.	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	7					

Specimen Number	052	Lot No.		Donor/Consigno	or No 200					
Specimen Name	Fluorite & Pyr	rhotite								
Specimen Description	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 Auct	ion					
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/Consignor 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 mining district in Germany. Ex Nate Martin.									
Specimen Location	Ramsbeck, Gerr	many									
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction							
Length 5.4	Width 4.0	Height 2.9	w	eight (g)							
Specimen Dimensions	5.4 x 4.0 x 2.9 c	m.	Don/Co	on							
Mineral Data	Julius Thaulo 1810 - 6 Octo	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		Photo 3							

Specimen Number	054	Lot No.		Donor/Consignor No	200				
Specimen Name	Powellite								
Specimen Description	Showy specimen of the rare bright green cuprian variety of powellite from the Jardinera #1 Mine in Chile. The Terry Sczenics label hints this is one of the famous specimens of cuprian 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							
SpecimenType	Donation	~	Auctio	on Type Voice Auction					
Length 7.8	Width 5.9	Height 2	2.8	Weight (g) 114					
Specimen Dimensions	7.8 x 5.9 x 2.8 c	m.	Don/C	Con					
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 Copper										
Specimen Description	Sparkly cluster of small, deep red-black octahedral cuprite crystals on copper, from Redruth, Cornwall, England. E. L. Clopton label. Ex Nate 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	the Latin "cupr Dana Class:04 Copper: Cu Fro	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					
	Witherite & Fl	uorite								
Specimen Description	Resinous, whitish-gray witherite crystals, with intense white UV fluorescence, associated with pale purple fluorite, from the Minerva #1 Mine in Illinois. Some of the best crystallized witherite in the US comes from this locality. From the Nate Martin fluorite collection, ex Duane and Nancy Leavitt.									
Specimen Location	Minerva #1 Min	e Cave-In-R	ock, IL							
Length 9.0	Donation Width 5.8 9.0 x 5.8 x 3.8 c	V Height 3	.8 v	n Type Voice Auction Veight (g) 286						
			Don/C							
Milleral Bata	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, Quartz & Titanite										
Specimen Description	Coarse epidote from the world-famous Green Monster Mountain locality in Alaska, with accessory quartz. While titanite is listed on the Summit Minerals label, 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	.7 v	Veight (g) 198							
Specimen Dimensions	4.0 x 2.7 x 2.7	cm.	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 (σωηνώ), meaning wedge										
Photo 1		Photo 2	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,	Gemmy hexagonal book of orange-brown phlogopite in white calcite marble from Afghanistan. Possibly from the famous gem phlogopite-bearing marbles from Badakshan, which it resembles, rather than Nooristan, as listed on the label but unlisted on MinDat. Fluorescent orange brown and orange. Ex Nate Martin.								
Specimen Location	Kunar Tal, Noo	Kunar 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	Friedrich Augu	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								
Photo 1		Photo 2	2	Photo 3						

Specimen Number	060	Lot No.			Donor/Consignor No	200			
Specimen Name	Aegerine & Fluorite								
Specimen Description	Aegerine needles and small green cuboctahedral fluorites on a bed of unidentified gray bladed crystals (microcline?), from Mont Saint Hilaire in Quebec. The green fluorites are similar to ones noted from finds around 2000. From the Nate Martin fluorite collection.								
Specimen Location	Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, Canada								
SpecimenType	Donation	\ <u>\</u>	Aucti	on Ty	pe Voice Auction				
Length 6.0	Width 5.2	Height 3	.3	_	ht (g) 39				
Specimen Dimensions	6.0 x 5.2 x 3.3 cm.		Don/	Con					
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 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 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					
Specimen Name		<u>'</u>]				
Specimen Description	calcite, from the	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, II	L							
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 cr	n.	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.		Donor/Consignor No	o 200				
Specimen Name	Fluorite & Bou	luorite & Boulangerite							
Specimen Description	of boulangerite	ark, almost black, crystals of purple fluorite darkened by inclusions boulangerite needles, with clear quartz, from Yaogangxian Mine Hunan, China. From the Nate Martin fluorite collection.							
Specimen Location	Yaogangxian M Hunan, China	aogangxian Mine, Yaogangxian W-Sn ore field, Yizhang Co., Chenzhou, unan, China							
SpecimenType Length 4.7	Donation Width 3.2	V Height 3		on Type Voice Auction Weight (g) 37					
Specimen Dimensions			Don/C						
Mineral Data	Latin, fluere = "to derived from fluo Boulangerite: Pt Thaulow in hono 1849), a French	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					

Specimen Number	064	l		Donor/Consignor No	200				
Specimen Name		Lot No.		Donor/Consignor No 2					
Specimen Description	Roncari Quarry	Rottryoidal green prehnite on jet black babingtonite from the Roncari Quarry in East Granby, Connecticut. Label from Stephen B. Towne collection. Ex Nate Martin.							
Specimen Location	Roncari Qry., Ea	oncari Qry., East Grandby, CT							
SpecimenType	Donation	~	Auction ⁻	Type Voice Auction					
Length 7.0	Width 6.0	Height 4.3		ight (g) 114					
Specimen Dimensions	$7.0 \times 6.0 \times 4.3 \text{ c}$	m.	Don/Con	1					
Mineral Data	Werner in hond 31/August 2, 1 Heilbronn, Wur	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		Photo 3					

	0.65	1 -		\neg					
Specimen Number		Lot No.	Donor/Consignor No 200						
Specimen Name	Wulfenite								
Specimen Description	quartz, from the	Classic specimen of small blades of wulfenite in dissolution vugs in quartz, from the Manhan Lead Mine in western Massachusetts. No Stone Unturned label. Ex Nate Martin.							
Specimen Location	Manhan Mine, I	Ianhan Mine, Loudville, MA							
SpecimenType Length 9.5	Donation Width 5.0	Y Au Height 3.3	ction Type Voice Auction Weight (g) 101	_					
Specimen Dimensions	men Dimensions 9.5 x 5.0 x 3.3 cm. Don/Con								
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	066	Lot No.		Donor/Consignor No	200				
Specimen Name	Milarite								
Specimen Description		ilarite with microcline and smoky quartz, from the Oliver Trench at iddle Moat Mountain, New Hampshire. Ex Nate Martin.							
Specimen Location	Middle Moat Mo	liddle 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	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/0	Consignor No $\boxed{200}$				
Specimen Name		nimorphite				7			
Specimen Description	hemimorphite,	ranslucent cubes of zoned pale purple fluorite on a bed of emimorphite, from the Is Murvonis Mine in Italy. Alessandro enazzoni label. From the Nate Martin fluorite collection.							
Specimen Location	Caglarii, Italy	aglarii, Italy							
SpecimenType	Donation	\ <u>\</u>	Auct	on Type Voi	ice Auction				
Length 7.9	Width 4.8	Height 3		Weight (g) 120					
Specimen Dimensions	7.9 x 4.8 x 3.0 c	7.9 x 4.8 x 3.0 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 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	Р	hoto 3				

Specimen Number	068	Lot No.		Donor/Consignor No 20	00				
Specimen Name	Fluorite & Schr	ol		_					
Specimen Description	schorl, from the	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 Mountair	ns, Namibia							
SpecimenType	Donation	\ <u>\</u>	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 cm	n.	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 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	¬				

	060			–	000				
Specimen Number		Lot No.		Donor/Consignor No	[200]				
Specimen Name	Grossular Grou	Grossular Group - Grossular							
Specimen Description	1	rusy coating of pearly white grossular garnet crystals from sbestos, Quebec. Dana Jewell label. Ex Nate Martin.							
Specimen Location	Jeffrey Quarry, ` Canada	effrey Quarry, Val-des-Sources, Les Sources RCM. Estrie, Quebec, anada							
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	romorphites from the Wheatley Mines in PA, in the 1800s, were the finest in America for to the discovery of the Idaho deposits. Generous coating of green hoppered crystals er most of the front, with a nicely contrasting orange matrix. Daniel McHugh label. Ex ate 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	200					
Specimen Name	Bertrandite									
Specimen Description		mall blades of gray bertrandite on the surface of a glassy quartz rystal from the Weissenin Quarry, Greenwood, Maine. Ex Nate lartin.								
Specimen Location	Waissenin Mine	Vaissenin 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 cm. Don/Con									
Mineral Data	of Émile Bertra	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	Vesuvius. These	clossy dark brown crystals of vesuvianite from the type locality around Mount resuvius. 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	n Type Voice Auction						
Length 4.1	Width 3.4	Height 3	i.0	Veight (g) 51						
Specimen Dimensions	4.1 x 3.4 x 3.0 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	2	Photo 3						

	072	l ,		_	5			
Specimen Number		Lot No.		Don	or/Consignor No 2	.00		
Specimen Name	Plattnerite, Flu	orite & Qua	rtz					
Specimen Description	of fluorite on a	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, Mez	kico						
SpecimenType	Donation	~	Aucti	on Type	Voice Auction			
Length 5.4	Width 4.0	Height 2	.0	Weight (g)	32			
Specimen Dimensions	5.4 x 4.0 x 2.0 c	m.	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	2		Photo 3			
	Š							

Specimen Number	074	Lot No.		Donor/Consignor No	200			
Specimen Name	Roselite							
Specimen Description	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, Morocco							
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction				
Length 7.4	Width 5.2	Height 3.3	3 w	eight (g) 143				
Specimen Dimensions	7.4 x 5.2 x 3.3 c	m.	Don/Co	on				
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 20	0			
Specimen Name	Willemite & Fran							
Specimen Description	green response to UV	Villemite from Franklin, NJ, is a very popular fluorescent mineral because of its intense preen 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	Franklin, NJ						
SpecimenType Length 4.6	Donation Width 4.6	Height 3.0		n Type Voice Auction	_			
Specimen Dimensions			Don/C					
Mineral Data	Willemite: Zn2SiO4 Named in 1830 by Serve-Dieu Abailard "Armand" Lévy in honor of William I (Willem) (1772-1843), King (1813-1840) of the Netherlands, wherein the type locality was located at the time. Franklinite: Zn2+Fe3+2O4 Named in 1819 by Pierre Berthier for the type locality of Franklin Furnace (now Franklin Borough), New Jersey.							
Photo 1		Photo 2		Photo 3	1			

	076	1		_	5	00			
Specimen Number		Lot No.			Donor/Consignor No 20	<u> </u>			
Specimen Name	Hydroxylherde	lydroxylherderite							
Specimen Description	Small white ne from the Benne	•	•		on quartz and muscovi Martin.	te,			
Specimen Location	Bennett Quarry,	Buckfield, N	ME						
SpecimenType	Donation			_	pe Voice Auction	<u> </u>			
Length 7.2	Width 7.0	Height 4	·.3 v	Weigl	ht (g) 118				
Specimen Dimensions	7.2 x 7.0 x 4.3 c	m.	Don/C	Con					
Mineral Data	1894 by Samu herderite" by P refers to Siegn mining official	Hydroxylherderite: CaBe(PO4)(OH) Named "hydro-herderite" in 1894 by Samuel L. Penfield. Named changed to "hydroxyl-nerderite" by Palache, Berman, and Frondel in 1954. The root name refers 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	2		Photo 3	-			

Specimen Number	077	Lot No.		Donor/Consignor No 200				
Specimen Name					$\overline{}$			
Specimen Description	rhombohedral	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	Yery fine example of arborescent silver from a classic Mexican locality. Shows the referred natural patina of free-growing crystals, as opposed to the shiny metallic sheen of nose dissolved out of calcite. Both dendritic branching and spinel twinning evident, with ome branches having almost scepter-like tips. Ex Nate Martin.							
Specimen Location	Batopilas, Mexi	Batopilas, Mexico							
SpecimenType	Donation	~	Auctio	n Type Voice Auction					
Length Perky	Width	Height	v	Veight (g)					
Specimen Dimensions	Perky x x cm.		Don/C	on					
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	oergroup - 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 (Ahn, and Nate Martin.						
Specimen Location	South Korea							
SpecimenType	Donation	\ <u>\</u>	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	em.	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]			
Specimen Description	the pegmatite district	very gemmy tourmaline crystal with a shiny sharp pyramidal termination, from the pegmatite district in Brazil. While pale, it displays a subtle watermelon color ariation from pink to green. Ex Nate Martin.						
Specimen Location	Minas Gerais, Braz	zil			1			
SpecimenType	Donation		Auction	Type Voice Auction	_			
Length 3.6	Width .07	Height 0.6	We	eight (g)				
Specimen Dimensions	3.6 x .07 x 0.6 cm.		Don/Co	n				
Mineral Data	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/Cons	signor No 200					
Specimen Name	Tourmaline						
Opecimen 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	Donation Voice A	Luction					
Length 3.2	Width 2.9 Height 1.5 Weight (g)						
Specimen Dimensions	3.2 x 2.9 x 1.5 cm. Don/Con						
	Tourmaline: Reported by Christianus-Fridericus Garmann in 170 "tourmali" was a generic name used in Ceylon [Sri Lanka] for colomostly zircons. About 1703, it had been discovered by Dutch laping of the "zircons" arriving in the Netherlands were actually a previous mineral. Several names were given to the new mineral including "Ceylan, by Lemery in 1717. Tourmalin, as a more or less specific was used by Rinmann in 1766. Hill called it Tourmaline Garnet in Richard Kirwan shortened the name to "Tourmaline" in 1794.	ored gems, daries that some usly undescribed "Pierre de s mineral name,					
Photo 1	Photo 2 Photo	3					





Specimen Number	082	Lot No.	Donor/Consignor No 200					
Specimen Name	Fluorite							
Specimen Description	stepped-growth fa	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	chor Múzquiz, Múzqu	quiz Municipality, Coahuila, Mexico					
SpecimenType	Donation		Auction Type Voice Auction					
Length 11.9	Width 8.2	Width 8.2 Height 4.6 Weight (g) 568						
Specimen Dimensions	11.9 x 8.2 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							
Photo 1		Photo 2	Photo 3					

Specimen Number	083	Lot No.		Donor/Consignor No $\boxed{20}$	0			
Specimen Name								
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/Con					
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 $\boxed{20}$	0			
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	1			

Specimen Number	085	Lot No.		Donor/Consignor No	200				
Specimen Name									
Specimen Description	of cream baryte b	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								
SpecimenType	Donation	\	Aucti	on Type Voice Auction					
Length 14.3	Width 7.3	Height 3.	0	Weight (g) 317					
Specimen Dimensions	14.3 x 7.3 x 3.0	cm.	Don/	Con					
Mineral Data	Latin, fluere = "to derived from fluo Baryte :)Barite Karsten from tl	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 Baryte:)Barite) BaSO _{4:} Named in 1800 by Dietrich Ludwig Gustav Karsten from the Greek βάρυζ, heavy, due to its unusual heaviness for a non-metallic mineral.							
Photo 1		Photo 2		Photo 3	_				

Specimen Number	086 Lot No.	Donor/Consignor No 200
Specimen Name	Botallackite	
Specimen Description	A specimen generously coated with green botallackit chloride, from the Cornwall copper mining district who Original labels from Arnold Fisher, a Cornwall minera	nere it was first described.
Specimen Location	Pendeen, St Just, Cornwall, England, UK	
		pe Voice Auction
Length 10.1 Specimen Dimensions		t (g) 391
Mineral Data	Botallackite: Cu2(OH)3Cl Type locality, the Just, Cornwall. A secondary copper mine	
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	extremely 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 Bovey (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	5.8	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	expertly prepared, prepared of these come out of	covely 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 nonths of exposure to sunlight. From the Nate Martin fluorite collection. Ex John Chipman.								
Specimen Location	Navidad Mine, l	Indé Municip	pality, Durango	o, Mexico						
SpecimenType	Donation	\ <u>\</u>	Auctio	n Type Voice Auction						
Length 13.1	Width 9.5	Height 4	4.2 V	Veight (g) 561						
Specimen Dimensions	13.1 x 9.5 x 4.2	cm.	Don/C	on						
	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
	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 V Auction Type 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	clusters on a	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	locality, the village mistake made by Fluorite: CaF2 Na "to flow" (for its use 09.02.01.01 Strut Babingtonite Ca2 (May 21, 1756 P	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, I	Northfield, F	ranklin County	, Massachusetts, US	Α					
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 No 201					
Specimen Name	Magnetite]				
Specimen Description	A collection of i	A collection of individual cubic crystals of magnetite. ex. Paul Young							
Specimen Location	Empire State No St. Lawrence Co	· ·	•	wards Zinc Mining District,					
SpecimenType	Donation	\ <u>\</u>	Auction ¹	Type Voice Auction					
Length L. Perky	Width	Height	We	ight (g)					
Specimen Dimensions	L. Perky x x cn	n.	Don/Cor	1					
Mineral Data	1548 and by of 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	<u> </u>	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, H	Iartford 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				

Specimen Number	095	Lot No.		Donor/Consignor No	201			
Specimen Name	Quartz var. Am	ethyst						
Specimen Description	Fine crystal grou locality.	Fine crystal grouping of pale amethyst from a famous New England ocality.						
Specimen Location	Aggregate Quarr	y, Wrenthar	n, Ma					
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction				
Length 5.4	Width 4.0			Weight (g) 89				
Specimen Dimensions	5.4 x 4.0 x 3.4 cr	n.	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 Ju	st, Cornwall,	England, UK. Ex. Paul					
Specimen Location	Engine House a	Engine House at Pendeen, St Just, 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					
Photo 1		Photo 2		Photo 3					
Again Raine Prince									

Specimen Number	097	Lot No.		Donor/Consi	gnor No 201	
Specimen Name	Mineralogical	Record -				
Specimen Description	Volumes 1 to	4 (first year i	ssues). Ex. Pau	l Young		
Specimen Location						
Length	Donation Width	V Height	v	n Type Voice A	uction	
Specimen Dimensions			Don/C	on		
Mineral Data						
Photo 1		Photo 2	2	Photo	3	
Vineralogical Record ==						
	Photogi	aphed by: Mi	chael Haritos			

Specimen Number	098	Lot No.		Donor/Consignor No 2	02			
Specimen Name	Pyrite & Quart	Z						
Specimen Description	quartz from this	Aesthetic miniature grouping of brassy pyrite cubes on needle quartz from this iconic locality. From the collection of Clara Rechnitz former BMC member).						
Specimen Location	King County,WA	A						
SpecimenType	Consignment	\ <u>\</u>	Auctio	n Type Voice Auction				
Length 5.3	Width 3.7	Height 2	.9 v	Veight (g) 76				
Specimen Dimensions	5.3 x 3.7 x 2.9 c	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 cality to the iconic Sweet Home Mine. The Alicente deposits were known for large emmy 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 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

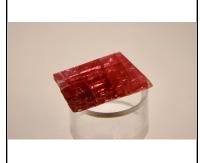


Photo 3



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-District, Hardin County, Illinois, USA						
SpecimenType Length 5.0	Consignment \(\) Auct Width \(\frac{4.1}{} \) Height \(\frac{3.5}{} \)	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 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: 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	Photo 3					

Specimen Number	102 Lot No.	Donor/Consignor No 202						
Specimen Name	Rhodonite							
Specimen Description	deposit in Australia. Glows br	Deep red rhodonite crystal from the world famous Broken Hill deposit in Australia. Glows bright red with backlight. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Broken Hill Domain, Curnamon	a 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	<u> </u>	5] Named in 1819 by Christoph Greek ρόδον, "rose", referring to its						
Photo 1	Photo 2	Photo 3						

Specimen Number	103	Lot No.		Donor/Consignor No	202		
	Tourmaline-Gr		2				
Specimen Description	California. Label f	Gemmy green and pink watermelon tourmalines from the iconic Himalaya Mine in California. Label from Hallowell Minerals, a California dealer. From the collection of Clara Rechnitz (former BMC member).					
Specimen Location		Himalaya Mine (Himalaya group of claims), Turquoise Mountain, Halloran Springs District, San Bernardino Co., California, USA					
SpecimenType	Consignment	\ <u>\</u>	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	\neg		

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.		Don/Co	1				
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/Consigno	r No 202			
Specimen Name	Adamite							
Specimen Description	the Ojuela Min	Aesthetic miniature of lustrous lavender manganoan adamite from he Ojuela Mine in Mapimi, Mexico. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Mapimi, Durang	go, Mexico						
SpecimenType	Consignment	~	Auctio	on Type Voice Auction	on			
Length L. Perky	Width	Height	,	Weight (g)				
Specimen Dimensions	L. Perky x x cr	n.	Don/C	Con				
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)2		
	Rhodochrosite	on Quartz					
Specimen Description	white needle q	Miniature of sharp pink rhombohedral rhodochrosite crystals on white needle quartz, from the Sweet Home Mine in Colorado. From he collection of Clara Rechnitz (former BMC member).					
Specimen Location	Sweet Home Mi	Sweet Home Mine, Hinsdale County, Colorado, USA					
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction			
Length Perky	Width	Height	We	ight (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	2	Photo 3	_		

Specimen Number	107	Lot No.		Donor/Consignor No 20)2		
-		LOT NO.		Donot/consignor No			
Specimen Name	vesuviainte						
Specimen Description	the Jeffrey Min	Large thumbnail of a complex crystal of lavender vesuvianite from the Jeffrey Mine in Canada. From the collection of Clara Rechnitz (former BMC member).					
Specimen Location	Jeffrey Mine, Va	al-des-Sourc	es, Les Source	s RCM, Estrie, Québec, Cana	ada		
SpecimenType	Consignment	\ <u>\</u>	Auctio	n Type Voice Auction			
Length Perky	Width	Height		Veight (g)			
Specimen Dimensions	Perky x x cm.		Don/C	on			
Mineral Data	Vesuvianite: C	Vesuvianite: Ca19Fe3+Al4(Al6Mg2)(□4)□[Si2O7]4[(SiO4)10]O(OH)					
				us octodecahedricus" by	- I		
	Moritz Anton	Kappeler iı	n 1723. Ren	amed "hyacinte du			
	1	-		né de L'Isle in 1772. Thi	s		
	was possibly the inspiration for Abraham Gottlob Werner to						
	-			95, after its discovery			
	locality, Moun	t vesuvius	s, Campania	, italy.			
Photo 1		Photo 2	2	Photo 3			

Specimen Number	108	Lot No.		Donor/Consignor No 202			
Specimen Name	Topaz			-	7		
Specimen Description	A gemmy and lustrous large crystal of champagne-colored topaz on muscovite from the pegmatite belt in Pakistan. From the collection of Clara Rechnitz (former BMC member).						
Specimen Location	Basha Valley, S	higar District,	, Gilgit-Baltist	an, Pakistan			
SpecimenType	Consignment	\ <u>\</u>	Auctior	Type Voice Auction			
Length 9.4	Width 5.5	Height 4.7		eight (g) 58			
Specimen Dimensions	9.4 x 5.5 x 4.7 c	m.	Don/Co	on			
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		Photo 2		Photo 3			

Specimen Number	180	Lot No.		Donor/Consignor No $\boxed{20}$	06
Specimen Name	Copper xls	5,			
Specimen Description					
Specimen Location	Bisbee, Az	Z			
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction	
Length 5.2	Width 3.8	Height 1.4		eight (g) 13	
Specimen Dimensions	5.2 x 3.8 x	1.4 cm.	Don/Co	n	
Mineral Data	copper n	eek "kyprios", of Cyp nines; Latin "cuprum AA.05. ex. Mike Hari	". Dana C	location of ancient Class: 01.01.01.03 Strur	ız
Photo 1		Photo 2		Photo 3	_

Specimen Number	109	Lot No.		Donor/Consignor No 20	12		
Specimen Name	Pyrite Sun, a.	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				\neg		
SpecimenType Length Specimen Dimensions Mineral Data		-	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			e					
Specimen Description	•	•	_	shiny dark galena Dalnegorsk, Russia, on a custom				
Specimen Location	1st Sovetskii M Primorsky Krai,	•	rsk, Dalneg	orsk Urban District,				
SpecimenType Length 82	Donation Width 79	V Height 62		on Type Voice Auction Weight (g) 1079				
Specimen Dimensions	82 x 79 x 62 cm.		Don/C					
Mineral Data	from Calx, Latin for L Sphalerite, ZnS Origing 1847 by Ernst Friedrallusion to the ease of lead. Dana Class:02 Galena, PbS Name	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 calc from China.	cite generously coating one side,				
Specimen Location	Yaogangxian W-Sn ore field, Yizhang C China.	Co., Chenzhou, Hunan,				
SpecimenType Length 15		on Type Voice Auction Weight (g) 450				
Specimen Dimensions	15 x 6.5 x 4.7 cm. Don/C	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				

		7						
Specimen Number	112	Lot No.		Donor/Consignor No	204			
Specimen Name	Calcite (Mang	anoan)						
Specimen Description	Cabinet specim	en of comple	ex crystals of ma	anganoan calcite, from Cl	hina,			
	on a custom leu	n a custom leucite base.						
Specimen Location	Wuzhou, Gua	ngxi, China.	Ex Gerome					
·	·							
	<u> </u>				<u>-</u>			
SpecimenType	Donation		Auctio	n Type Voice Auction				
Length 15	Width 6.5	Height 4	1.7 v	Veight (g) 470?				
Specimen Dimensions	15 x 6.5 x 4.7 c	m.	Don/C	on				
Mineral Data	Calcite: CaCO.	Named as a	mineral by Gai	us Plinius Secundus (Plin	v the			
				Class:14.01.01.01 Strunz				
	Class: 05.AB.05							
5 1 4 4		D I. 4		D I 1 0				
Photo 1		Photo	2 	Photo 3				
	M 201							
1			1 1					

Specimen Number	113	Lot No.		Donor/Consignor No 209	,		
Specimen Name	Calcite. ex Min	riam Blau					
Specimen Description	Large dogtooth which Santa Eu		_	assic orange-brown coloring for	or		
Specimen Location	Santa Chihuahu	a, Mexico					
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction			
Length 8.2	Width 7.3	Height 7.	.1 w	/eight (g) 173			
Specimen Dimensions	8.2 x 7.3 x 7.1 c	em.	Don/Co	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	114	Lot No.	Donor/Co	nsignor No 212				
Specimen Name	Quartz with Ar	natase xls. less than a	mm in size]			
Specimen Description	1 *	Complex and sculptural intergrowths of quartz, resembling water ice, from india, with small anatase micros.						
Specimen Location	Northeast India							
SpecimenType Length 7.8	Donation Width 6.8	Y A	Nuction Type Voice Weight (g) 208	Auction				
Specimen Dimensions	7.8 x 6.8 x 6.0 c	<u>т.</u> [Don/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	Interesting small cabinet specimen of white dogtooth calcite with secondary 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 2	09	
Specimen Name	Calcite. ex Miri	am Blau		_		
Specimen Description	Nicely contrasting from the Elmwo	• •	•	ites on shiny dark sphalerit	e,	
Specimen Location	Carthage, TN					
SpecimenType	Donation		Auction	Type Voice Auction		
Length 7.7	Width 5.7	Height 3.8	W	eight (g) 189		
Specimen Dimensions	$7.7 \times 5.7 \times 3.8 \text{ c}$	m.	Don/Co	n		
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	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.	of the unique	e angel-wing	calcite geodes from Chi	huahua		
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/Consignor No 209			
Specimen Name	Petrified Wood	(quartz is the	prime minei	ral)	7		
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				7		
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction			
Length 22.7	Width 15.5	Height 2.9	W	eight (g) 1177			
Specimen Dimensions	22.7 x 15.5 x 2.9	em.	Don/Co	n			
Mineral Data	_			own is recorded by			
			•	ύσταλλος or kristallos. I.DA.05. Ex. Miriam Blau			
Photo 1		Photo 2		Photo 3			

Specimen Number	119	Lot No.		Donor/Consignor No 202			
	Blue Fluorite				<u> </u>		
Specimen Description	Cave-In-Rock d	istrict in Illinois. S	Some mild	rite crystals from the classic zoning is evident when back-: Ex Clara Rechnitz.			
Specimen Location	Cave-In-Rock, I	L 					
SpecimenType	Consignment	~	Auction	Type Voice Auction			
Length 10.9	Width 9.0	Height 8.2	W	eight (g) 936			
Specimen Dimensions	10.9 x 9.0 x 8.2	cm.	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 213			
Specimen Name	Quartz.						
Specimen Description	Cabinet smoky quartz from the Pine Knoll Pocket find at Moat Mountain in New Hampshire. Complex crystal with regrowth on natural fractures.						
Specimen Location	Pine Knoll Pock	et, Bartlett, N	NH				
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction			
Length 26.4	Width 7.5	Height 7.	2 w	eight (g) 2419			
Specimen Dimensions	26.4 x 7.5 x 7.2	cm.	Don/Co	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. ex. Dr. David Nellis						
Photo 1		Photo 2	<u>:</u>	Photo 3			

Specimen Number	121	Lot No.		Donor/Consignor No 21:	3					
Specimen Name	Quartz									
Specimen Description	Large cabinet I Fonda, New Y		nond quartz fro	m the Diamond Acres claim	in					
Specimen Location	Diamond Acre	amond Acres (Margaret Hastings Prospect) Fonda, NY								
SpecimenType Length	Consignment Width	V Height		Type Voice Auction Teight (g)						
Specimen Dimensions			Don/Co	on						
Mineral Data	Theophrastus	Quartz: SiO₂ The most ancient name known is recorded by heophrastus 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	2	Photo 3	1					

Specimen Number	122	Lot No.		Donor/Consignor No 207					
Specimen Name	Fluorite, Galen	a, Quartz.		_	7				
Specimen Description	pale lilac gray c	abinet specimen showing large complex cuboctahedra of Galena with ale lilac gray cubes of fluorite and nicely contrasting calcite, from the nnabel Lee Mine in Illinois.							
Specimen Location	Annabel Lee N Illinois, USA	nnabel Lee Mine, Harris Creek Mining Sub-District, Hardin County, inois, 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/C	on					
Mineral Data	"to flow" (for its use 09.02.01.01 Strunz Galena, PbS Name ore" . Dana Class:0 Quartz: SiO2 The i	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					

Specimen Number	123	Lot No.		Donor/Consignor No 207						
		phalerite, Calcite, Galena ex. Bill Metropolis								
Specimen Description	1 *	Cabinet plate of dark sphalerite and contrasting white calcite, with fluorite ccents, from the Annabel Lee Mine in Illinois.								
Specimen Location	Annabel Lee Illinois, USA	Annabel Lee Mine, Harris Creek Mining Sub-District, Hardin County, Ilinois, USA								
	Donation	V Height 10.6		on Type Voice Auction						
Length 20.5 Specimen Dimensions	Width [16.1] 20.5 x 16.1 x 1		Don/C	Veight (g) 4927						
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.	icely terminated large crystal of danburite with aesthetic sidecar vergrowths.								
Specimen Location	Charcas Munic	narcas 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	m.	Don/Cor	1						
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	n fluorite octahe	edra from Dal'	negorsk in Russia.						
Specimen Location	Dalnegorsk, Da	alnegorsk, Dalnegorsk Urban District, Primorsky Krai, Russia								
SpecimenType Length	Consignment Width									
Specimen Dimensions			Don/Con	1						
Mineral Data	Latin, fluere = "to derived from fluo	Tuorite : 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 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								
Photo 1		Photo 2		Photo 3					

Specimen Number	127	Lot No.		Donor/Consignor N	o 203					
Specimen Name		_ LOUINO.								
Opecimen Name										
Specimen Description	White crystals	hite crystals of adularia are generously sprinkled across the surface of								
	this Alpine spec	cimen from th	ne Tyrol in Ital	y, ex John and Sue Ande	erson.					
Specimen Location	Tyrol, Austria	Tyrol, Austria								
SpecimenType	Consignment	\ <u>\</u>	Auctio	on Type Voice Auction						
Length 7.0	Width 6.2	Height 3	5.6	Weight (g) 132						
Specimen Dimensions	7.0 x 6.2 x 3.6	em.	Don/G	Con						
Mineral Data	F., # O.#.	l I/ - -l-	l							
Willieral Data				amed "orthose" in 1801 light" in allusion to the mi						
				f Haüy's name was that						
		-	-	cify a type-locality, nor di	-					
	Johann Friedric	•		hanged in 1823 to orthol	kias by					
	Dana Class:76.	.01.01.01 Str	•	FA.30						
	ex. John & Sue	e Anderson								
Photo 1		Photo :	2	Photo 3						
	21 3 c									
1										

Specimen Number	128	Lot No.	Donor/Consignor No 203						
Specimen Name	Crocoite.								
Specimen Description	1	Unusually coarse and terminated orange-red crystal of crocoite from the Adelaide Mine in Tasmania. Adelaide Mine, Euriowie, Farnell Co., New South Wales, Australia							
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						
	7								

Specimen Number	129	Lot No.		Donor/Consignor No	203				
		Courmaline Group, Schorl or Uvite?							
Specimen Description	from Ontario, Ca	ice representative hand specimen of the glossy dark brown-black tourmaline om Ontario, Canada, ex John and Sue Anderson. Note: Two of the labels list is as uvite, but chemically analyzed tourmalines from the Bancroft area are							
Specimen Location	Ontario, Canada	entario, Canada							
SpecimenType	Consignment	\ <u>\</u>	Auctio	on Type Voice Auction					
Length 5.4	Width 4.7	Height 3	5.8	Weight (g) 124					
Specimen Dimensions	5.4 x 4.7 x 3.8 c	m.	Don/C	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	2	Photo 3					

Specimen Number	130	Lot No.		Donor/Consignor No 203						
Specimen Name	Vanadinite.									
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	.0 v	Veight (g) 402						
Specimen Dimensions	11.6 x 7.7 x 4.0	cm.	Don/C	on						
Mineral Data	Mimetite and F Mimetite (in na Vanadinite Sei	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 203					
Specimen Name	Malachite.]				
Specimen Description		Coarse aggregates of lustrous felty malachite, probably pseudomorphed fter azurite, from the Cole Shaft in Bisbee, Arizona. Apple Valley Minerals label.								
Specimen Location	Cole Mine (Co Arizona	cole Mine (Cole shaft; Cole No. 3), Bisbee, Cochise County, rizona								
SpecimenType	Consignment	~	Aucti	on Ty	ype Voice Auction					
Length 11.2	Width 7.4	Height 2	.5	Weig	tht (g) 219					
Specimen Dimensions	11.2 x 7.4 x 2.5	cm.	Don/0	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					

		1		_						
Specimen Number	132	Lot No.		Donor/Consignor N	lo 206					
Specimen Name	Quartz.	uartz.								
Specimen Description		emmy quartz crystal grading from smoky at the base to rock crystal at etip, from Sierra Blanco Peak in New Mexico.								
Specimen Location	Sierra Blanca Pe	erra Blanca Peak Area, New Mexico								
SpecimenType	Donation	~	Auctio	n Type Voice Auction						
Length 7.3	Width 1.7	Height 1	.7 v	Veight (g) 44						
Specimen Dimensions	7.3 x 1.7 x 1.7 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 ex Mike Haritos									
Photo 1		Photo 2	2	Photo 3	<u></u>					

Specimen Number	133	Lot No.		Donor/Consignor No 200	5
Specimen Name	Quartz.				
Specimen Description	Parallel growth Hasting's Prosp			mond quartz crystals from the	ne
Specimen Location	Diamond Acres	(Margaret Ha	stings Prospect	t) Fonda, NY	
Length Specimen Dimensions		in about 300 5.01.03.01 St	Don/Co cient name kn	own is recorded by ύσταλλος or kristallos.	
Photo 1		Photo 2		Photo 3	_

Specimen Number	134	Lot No.		Donor/Consignor No 206	$\neg \neg \neg$			
Specimen Name		LOUNG.]			
Specimen Description	Classic gemmy	Classic gemmy Alpine smoky quartz from the Uri region of Switzerland.						
Specimen Location	Sidelen glacier	Sidelen glacier, Furka pass area, Realp, Urseren, Uri, Switzerland						
SpecimenType Length 7.5 Specimen Dimensions	Donation Width 4.3 7.5 x 4.3 x 3.0 c	Height 3.0	We	Type Voice Auction				
Mineral Data	Theophrastus i Dana Class:75	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	135	Lot No.		Donor/Consignor No	206			
Specimen Name			arge Perky Roy					
Specimen Name	Tuorapatite &	More in La	arge rerky box	•				
Specimen Description	Small fluorapati	mall fluorapatite crystals in a bed of creamy tan pericline feldspars from						
	the Acushnet Qu							
Specimen Location		•		Tilcon Capaldi Quarry;				
	Warren Brothe	rs Quarry; I	Blue Stone Qu	arry; Old Bluestone Qu	arry)			
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction				
Length	Width	Height	w	eight (g)				
Specimen Dimensions			Don/Co					
Mineral Data	_			tite of Abraham Werner by obsition. Apatite is from the G				
	ἀπατάω (apatao),	, to deceive, a	s apatite was ofte	en confused with other mine	erals			
	, -	•	•	luor-" prefix in allusion to th	е			
		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						
	aibus , white, all	'albus", white, alluding to its usual color. ex Mike Haritos						
Photo 1		Photo 2	2	Photo 3				
45								
Harry					1			

Specimen Number	136	Lot No.		Donor/Consignor No	206		
Specimen Name	Quartz in a Po	erky Box.					
Specimen Description	1 '	Gemmy, doubly terminated Herkimer Diamond quartz from the Hastings Prospect in Fonda, New York.					
Specimen Location	Diamond Acres	Diamond Acres (Margaret Hastings Prospect) Fonda, NY					
SpecimenType Length Specimen Dimensions Mineral Data	Theophrastus	in about 30	Don/C ncient name k 0-325 BCE, к	n Type Voice Auction Veight (g) on nown is recorded by ρύσταλλος or kristallos 14.DA.05. ex Mike Hai			
Photo 1		Photo 2	2	Photo 3			

Specimen Number	137 Lot No.		Donor/Consignor No 205				
	Elbaite: Tourmaline Group	p .		7			
Specimen Description		Elbaite tourmaline in matrix from the Havey Quarry in Poland, Maine, howing the classic blue-green color for which this mine is famous.					
Specimen Location	1 , , ,	Berry-Havey Quarry (Havey Quarry; Berry Quarry), Poland, androscoggin County, Maine,					
SpecimenType Length 6.3	Donation V Width 3.6 Height 2		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 nad 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.	nowy thumbnail of brassy manganotantalite on matrix, from Rio Norte in razil.					
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	Fantalite: 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 Perky l	Box.			
Specimen Description					
Specimen Location	Diamond Acres	(Margaret Hasti	ngs Prospect) Fonda, NY	
Length	Donation Width	V Height	We	Type Voice Auction ight (g)	
Specimen Dimensions			Don/Cor	1	
Mineral Data	Theophrastus i	n about 300-3	25 BCE, κρί	own is recorded by ύσταλλος or kristallos. .DA.05. ex Mike Haritos	
Photo 1		Photo 2		Photo 3	

Specimen Number	140	Lot No.		Donor/Consignor No 20)5		
Specimen Name	Arfvedsonite.						
Specimen Description	Glossy black bla from Malawi.	de of Arfvec	dsonite rising	from a bed of white pericline,			
Specimen Location	Malawi						
SpecimenType	Donation	\ <u>\</u>	Auctio	on Type Voice Auction			
Length 5.3	Width 4.4	Height 2		Weight (g) 25			
Specimen Dimensions	5.3 x 4.4 x 2.1 c	m.	Don/C	Con			
Mineral Data	(12 January 1 Sweden), Swe 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 No	206		
Specimen Name	Fluorapatite &		eldspar.				
Specimen Description	1 *	classic Alpine assemblage from Acushnet, with small fluorapatite systals 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	5	Veight (g) 204			
Specimen Dimensions	10.5 x 5.8 x 4.5	cm.	Don/C	on			
Mineral Data	emphasize the ch to deceive, as ap Rammelsberg ad the composition. Pericline A varied axis) crystals, gen From the Greek to	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	2	Photo 3			

Specimen Number	142	Lot No.		Donor/Consignor No 206				
		Orthoclase varie	ety of feldspar.	Coated wuth Chlorite. ex.	7			
Specimen Description	- 1	line feldspar crys ne assemblage fr	•	ated with fine chlorite, in the				
Specimen Location		Acushnet Quarry (P. J. Keating Quarry; Tilcon Capaldi Quarry; Varren Brothers Quarry; Blue Stone Quarry; Old Bluestone Quarry)						
SpecimenType Length 4.2	Donation Width 3.8	V Height 2		n Type Voice Auction Veight (g) 43				
Specimen Dimensions			Don/Co					
Mineral Data	"right" in allu of Haüy's na a type-local changed in Dana Class Chlorite: G	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: 76.01.01.01 Strunz Class:09.FA.30 Chlorite: Gmina Strzegom, Świdnica County, Lower Silesian Voivodeship, Poland. ex Mike Haritos						
Photo 1		Photo 2	2	Photo 3				

				_			
Specimen Number	143	Lot No.		Donor/Consignor No	206		
Specimen Name	Quartz Two Spo	ecimens in 1	Perky Boxes.				
Specimen Description		vo gemmy Herkimer Diamond quartz thumbnails from the Hastings ospect in Fonda, New York.					
Specimen Location	Diamond Acres	(Margaret H	Iastings Prospec	et) Fonda, NY			
SpecimenType	Donation	~	Auctio	n Type Voice Auction			
Length	Width	Height	v	Veight (g)			
Specimen Dimensions			Don/C	on			
Mineral Data	Theophrastus i	Quartz : SiO ₂ The most ancient name known is recorded by Γheophrastus 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	144 Lot No. Donor/Consignor No 214						
Specimen Name	Diptera, Dominican Amber, Specimen of Hymenopetra Formicidae (Winged Ant).						
Specimen Description	arge polished specimen of glassy Dominican amber with multiple atrained insects, including a winged ant (Diptera), 2 large and 3 small ies (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						
Mineral Data	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

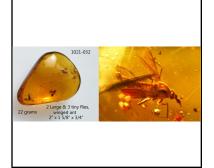


Photo 2



Photo 3



Specimen Number	145	Lot No.		Donor/Consignor No 208			
Specimen Name	Stibnite.						
Specimen Description	Aesthetic spray	of glossy silve	er blades of st	tibnite.			
Specimen Location	China						
SpecimenType	Consignment	\ <u>\</u>	Auctio	on Type Voice Auction			
Length 7.4	Width 4.3	Height 2.1		Weight (g) 66			
Specimen Dimensions	7.4 x 4.3 x 2.1 c	m.	Don/C	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		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 p India.	pearly white apophyllite, from
	india.	
Specimen Location	Poona, India	
SpecimenType	Consignment \(\times \) Auction	Type Voice Auction
Length 8.1	Width 4.8 Height 3.3 Wo	eight (g) 118
Specimen Dimensions	8.1 x 4.8 x 3.3 cm. Don/Co	on
Mineral Data	Apophyllite. Fluorapophyllite-(K), KCa4[Si8O22]F	
	and widespread member of the group, and it is u when "apophyllite" is used as a general name. Fi	·
	from" (ἀπό, apo) and "leaf" (φύλλον, phyllos), in upon heating.	allusion to the way it exfoliates
	Stilbite M6-7[Al8-9Si27-28O72] · nH2O Named i	· · · · · · · · · · · · · · · · · · ·
	Métherie from Greek στιλβη "stilbein", to glitter o alluding to its pearly or vitreous luster. Dana Clas	
	GF.1 ex. Jim Gaudette	
Photo 1	Photo 2	Photo 3

Specimen Number	147	Lot No.		Donor/Consignor No 208					
Specimen Name	Fulgarite.								
Specimen Description	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	Florida							
SpecimenType	Carainment	11							
SpecimenType Length	Consignment Width	Y Height		Type Voice Auction					
Specimen Dimensions	Width	Height	 1						
		Don/Con							
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/Consign	or No. 208				
Specimen Name				Donot/consign					
opecimen Name	Quartz et 10a								
Specimen Description	An interesting	combination p	iece showing	dark greenish black	tourmaline,				
		with some lighted banding, in a matrix of smoky quartz, from the							
	pegmatite belt		ıs, Brazıl.						
Specimen Location	Minas Gerais,	Brazil							
SpecimenType	Consignment	T.J		_ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
	Consignment			on Type Voice Auct	.10n 				
Length 9.4	Width 5.5	Height 4.	2	Weight (g) 238					
Specimen Dimensions	9.4 x 5.5 x 4.2	cm.	Don/C	Con					
Mineral Data				ricus Garmann in 1707. T					
	_			_anka] for colored gems, ch lapidaries that some o					
	_		• •	ly undescribed mineral. S Ceylan, by Lemery in 171					
	as a more or less	specific mineral n	ame, was used	by Rinmann in 1766. Hill	called it				
		Tourmaline Garnet in 1771 and Richard Kirwan shortened to "Tourmaline" in 1794. Quartz : SiO ₂ The most ancient name known is recorded by Theophrastus in about 300							
	-325 BCE, κρύστα	ιλλος or kristallos.	Dana Class:75	01.03.01 ex. Jim Gaudet	ite				
Photo 1		Photo 2		Photo 3					
1 11010 1		1 11010 2		1 11010					

		ı —		7				
Specimen Number	149	Lot No.		Donor/Consignor No 208				
Specimen Name	Prehnite.							
Specimen Description		Closely spaced stalactitic growths of white prehnite and apophyllite from near Pune, India.						
Specimen Location	Poona, India							
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction				
Length 10.7	Width 9.5	Height 6.1	w	reight (g) 188				
Specimen Dimensions	10.7 x 9.5 x 6.1	cm.	Don/Co	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		Photo 3				

Specimen Number	150 Lot No. Donor/Consignor No 208						
Specimen Name	Vanadinite.						
Specimen Description	A very showy small cabinet specimen of sparkly orange-red vanadinite on a coating of black goethite(?) on pink volcanic matrix from Morocco, probably from the Mibladen district.						
Specimen Location	Milbladene, Morocco						
SpecimenType Length 10.2	Consignment Auction Type Voice Auction Width 6.0 Height 2.9 Weight (g) 213						
Specimen Dimensions	10.2 x 6.0 x 2.9 cm. Don/Con						
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						

	151	7		1	200			
Specimen Number		Lot No.		Donor/Consign	or No [208] [
Specimen Name	Calcit & Pyri	te.						
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, M	Milbladene, Morocco						
SpecimenType	Consignment		Auction	Type Voice Auc	tion			
Length 6.1	Width 3.7	Height 3.0	We	eight (g) 62				
Specimen Dimensions	6.1 x 3.7 x 3.0	cm.	Don/Co	n				
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.		Donor/Consignor No 208				
Specimen Name	Quartz.							
Specimen Description	_	A cabinet specimen of large, glassy to milky white quartz crystals from Lunenberg, Massachusetts, with the main crystal showing complete double ermination.						
Specimen Location	Lunenburg ,MA				7			
SpecimenType	Consignment	\ <u>\</u>	Auction	Type Voice Auction	_			
Length 11.9	Width 11.5	Height 7.6	We	eight (g) 1079				
Specimen Dimensions	11.9 x 11.5 x 7.0	6 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	153	Lot No.		Donor/Consignor No	208			
Specimen Name	Pyrite.			-				
Specimen Description	Bright, brassy, striated pyrite and associated quartz and scolecite, from Bulgaria, probably from the Madan ore fields.							
Specimen Location	Madan, Bulga	ria						
SpecimenType Length 8.6	Consignment Width 7.6	Weight 5.2	Auctior	Type Voice Auction (eight (g) 384				
Specimen Dimensions			Don/Co					
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	\neg			

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		Auction	Type Voice Auction				
Length 11.2	Width 8.7	Height 8.1	We	eight (g) 638				
Specimen Dimensions	11.2 x 8.7 x 8.1	cm.	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.25. ex. Jim Gaudette							
Photo 1		Photo 2		Photo 3				

Specimen Number	155	Lot No.		Donor/Consignor No	208			
Specimen Name	Quartz "snow ş	geode".						
Specimen Description	with its crystals	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	Morocco							
	Consignment			n Type Voice Auction				
Length 15.7	Width 15.2	- L		Veight (g) 1156				
Specimen Dimensions	15./ x 15.2 x 10	.5 cm.	Don/C	on				
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	2	Photo 3				

Specimen Number	156	Lot No.		Donor/Consignor No 20°	7		
Specimen Name	Calcite. ≈						
Specimen Description	An interesting specimen of pearly white calcite growing as a coating oseudomorph 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.					
Photo 1	Photo 2	Photo 3				

Specimen Number	158	Lot No.		Donor/Consignor No	207		
Specimen Name	Calcite.						
Specimen Description	Cabinet specime coating (manga			coated with an unnamed.	black		
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	elder) in 79 fror	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			

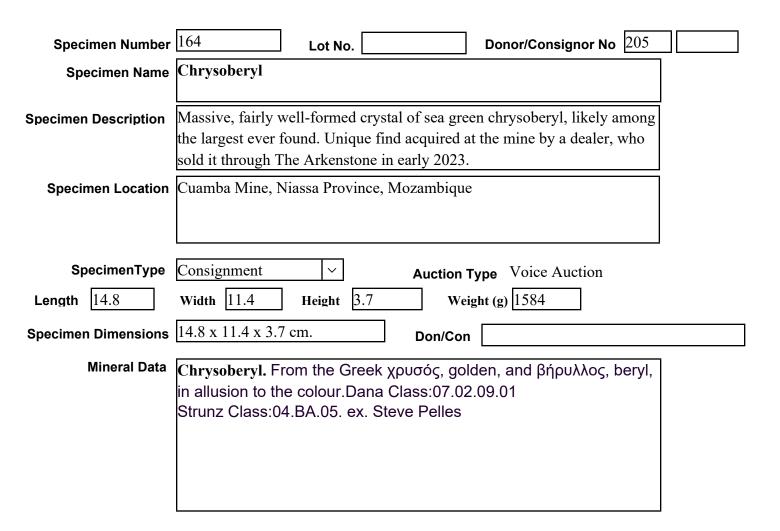
		7					
Specimen Number	159	Lot No.		Donor/Consignor No	207		
Specimen Name	Siderite & Calc	ite.					
Specimen Description	A plate of dusty	brown sider	ite with calcit	e, from Bolivia.			
Specimen Location	Rolivia						
Specimen Location	Bonvia						
On a size on To	D .:			***	<u>-</u>		
SpecimenType	Donation	~	Auctio	on Type Voice Auction			
Length 15.4	Width 7.7	Height 3	.2	Weight (g) 338			
Specimen Dimensions	15.4 x 7.7 x 3.2	cm.	Don/0	Con			
Mineral Data	Siderite Nam	ed in 1845	bv Wilhelm	Karl von Haidinger fro	om		
			•	", in allusion to its			
	composition.	orlbod (ar	<i>1</i> 0103), 11011	, in anasion to its			
	1 .	Named as a	mineral by G	aius Plinius Secundus (Plin	y the		
	elder) in 79 from	elder) in 79 from Calx, Latin for Lime.Dana Class:14.01.01.01 Strunz					
	Class: 05.AB.05	5. ex. Bill Met	ropolis				
Photo 1		Photo :	2	Photo 3			
and vo							
THE STATE OF							

Specimen Number	160	Lot No.		Donor/Consignor No	207	
Specimen Name	Baryte (Barite)	& Dolomite	е.			
Specimen Description	A hand specime Moravian-Silesi	•	•	te and dolomite, from the ublic.		
Specimen Location	Moravian-Siles	sian Region	, Czech Repu	blic		
	Donation			n Type Voice Auction		
Length 9.3	Width 8.1	·	5.7 v	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		

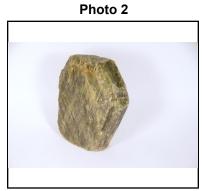
Specimen Number	161	Lot No.		Donor/Consignor No	207
Specimen Name	Cerussite.				
Specimen Description	A small plate of	blocky ceru	ssite and dolomi	te from Arizona.	
Specimen Location	Arizona				
SpecimenType	Donation	\ <u>\</u>	Auction	Type Voice Auction	
Length 8.6	Width 6.4	Height 5		eight (g) 397	
Specimen Dimensions	8.6 x 6.4 x 5.5 c	m.	Don/Co	n	
Mineral Data		meaning "\	white lead." Туլ	rl von Haidinger from De Locality: Vicenza Dis	the
Photo 1		Photo 2	2	Photo 3	

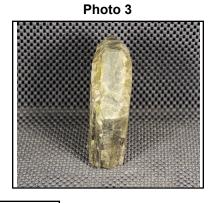
Specimen Number	162 Lot No.	Donor/Consignor No 200
Specimen Name	Fluorite & Sphalerite.	
Specimen Description	A large vug encased in dolomite, self-colle Walworth Quarry in New York, which con brown sphalerite and clear fluorite.	•
Specimen Location	Walworth Quarry (Dolomite Products C Wayne Co., New York	Co. Inc. Quarry), Walworth,
SpecimenType Length 15.7		on Type Voice Auction Weight (g) 5000+
Specimen Dimensions		
Mineral Data	Fluorite: CaF ₂ Named in 1797 by Carlo Antonic fluere = "to flow" (for its use as a flux). The term fluorite. Dana Class: 09.02.01.01 Strunz 03./ Sphalerite, ZnS Originally called blende in Named in 1847 by Ernst Friedrich Glocker "sphaleros" = treacherous, in allusion to the were mistaken for galena, but yielded no leass: 02.08.02.01 Strunz Class: 02.08.05	n fluorescence is derived from AB.25 1546 by Georgius Agricola, from the Greek σφαλεροζ he 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 wi	th an Enhydro			
Specimen Description	Orthopetr	ra (grasshopper)			
Specimen Location	Dominican	n Republis			
SpecimenType Length 5.08	Consignme Width 2.7			Type Voice Auctio	on .
Specimen Dimensions	3.08 X 2.73	5 X 1.093 CIII.	Don/Co	n [
Mineral Data	resin merely which can to amber beco not become material ma	e resin. In order to qualify y to harden by losing its ake millions of years (or omes significantly less so e sticky if wetted with alco orketed as "amber" (espe ag to be considered amb	volatiles, the at least 100, bluble in comothol, acetone cially that from	molecules have to pol 000 years). After polyr mon organic solvents, e or gasoline. Much of om Colombia and Mad	lymerize, nerization, and so will the agascar) is
Photo 1		Photo 2		Photo 3	
Down North Res That I to Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Roman Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 587 3/K, Marian Dunafra Van The Company of the Care pre- CERT 5	a Assacratical and a second and	0722-32 (23 grams) enhydro Grasshopper 2" x x 3/6" x 3/4"			









		7		,	
Specimen Number		Lot No.		Donor/Consignor No 20	5
Specimen Name	Elbaite Tourm	aline			
Specimen Description	3 Terminated x	ls. Longest is 3.6 c	m less than	n 1 g.	
Specimen Location	Mount Mica Q	uarry, Paris, Oxf	ord County	y, Maine	
	Donation	\ <u>\</u>		Type Voice Auction	_
Length 3.6	Width 0.3	Height 0.2	We	eight (g)	
Specimen Dimensions	$3.6 \times 0.3 \times 0.2$	cm.	Don/Co	n	
Mineral Data	Schorl Series. Rep was a generic nam 1703, it had been o Netherlands were the new mineral in less specific miner	oorted by Christianus-F ne used in Ceylon [Sri discovered by Dutch la actually a previously u cluding "Pierre de Cey	ridericus Gar Lanka] for col pidaries that s ndescribed m lan, by Lemer Rinmann in 1	re-Elbaite Series, and the Elbaite-mann in 1707. The name "tourmal ored gems, mostly zircons. About some of the "zircons" arriving in the ineral. Several names were giventry in 1717. Tourmalin, as a more of 766. Hill called it Tourmaline Garrourmaline" in 1794.	e to or
Photo 1		Photo 2		Photo 3	

Specimen Number	166 Lot No. Donor/Consignor No 200	
Specimen Name	UV Display Rig	
Specimen Description	Specimen description: This was Nate Martin's personal UV display rig. It consists of a powerful 36 watt, 110V, custom SW/MW/LW UV lamp which can be used as a standalone unit or placed atop Nate's custom-built stand for a countertop display. (Fluorescent minerals not included - for demonstration only)	
Specimen Location		
SpecimenType	Donation \(\sqrt{\text{V}} \) Auction Type Voice Auction	
Length 45	Width 20 Height 10 Weight (g)	
Specimen Dimensions	45 x 20 x 10 cm. Don/Con	
Mineral Data	Mineral Data: The UV lamp box is $45x20x10$ cm (18 cm tall with feet and handle) and fits securely into the custom black stand which is $70x46x48$ cm. The lamp has 4 independent toggle switches for fan, 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	r 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	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 Voice Auction Auction 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. Don/Con	
	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 Jonathan Goldberg	
Photo 1	Photo 2 Photo 3	

Specimen Number	Lot No	Donor/Consignor No 211				
Specimen Name	Actinolite & Magnetite					
Specimen Description	A small cabinet specimen liberally coated or tiny magnetites also listed.	n both sides in actinolite, with				
Specimen Location	Westfield, MA					
SpecimenType	Donation \(\) Auction	Type Voice Auction				
Length 16.0	Width 10.9 Height 3.8	eight (g) 607				
Specimen Dimensions	16.0 x 10.9 x 3.8 cm. Don/Co	on				
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	1 -		216				
Specimen Number		Lot No.	Donor/Consignor No	216				
Specimen Name	Apophyllite							
Specimen Description	_	Tine specimen of coarse crystals of clear to pearly white apophyllite from the world famous Pune, India, region.						
Specimen Location	Pune District, In	Pune District, India						
SpecimenType	Donation	Aı	uction Type Voice Auction					
Length 8.5	Width 6.5	Height 4.6	Weight (g) 168					
Specimen Dimensions	8.5 x 6.5 x 4.6 c	m. D	on/Con					
Mineral Data	Apophyllite. From the Greek for "away from" (ἀπό, apo) and "leaf" (φύλλον, phyllos), in allusion to the way it exfoliates upon heating.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 species considered when "apophyllite" is used as a general name. Dana Class:72.03.01.02 Strunz Class:09.EA.15 ex. Scot Krueger							

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	We	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						
	30 1/8 x 21 1/8 x] 1			
Specimen Description	_	An electrical power set up for six wheels accepting 8 inch sanding and/or						
	polishing discs to work on lapidary materials.							
Specimen Location	ex. Michael Mel	ler]			
- p								
SpecimenType	Consignment	<u></u>	Auction	Type Voice Auction				
Length 75.51	Width 53.65	Height 49.53		ight (g)				
Specimen Dimensions		·						
	73.31 X 33.03 X	47.33 CIII.	Don/Cor	1				
Mineral Data								
					J			
Photo 1		Photo 2		Photo 3				

Specimen Number	173	Lot No.		Donor/Consignor No 21	7		
Specimen Name		Craftsman Lapidary Set Up					
	$\frac{31 \frac{1}{2} \times 13 \times 9}{1 \times 10^{-1}}$			1' 1 1/ ' 11 '1	\dashv		
Specimen Description	An electrical s materials,	An electrical set up for 4 power stations to polish and/or grind lapidary					
	,	indee it de la constant de la consta					
Specimen Location	ex. Michael M	eller					
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			pply fine fi	nishes on you lapidary work	
Specimen Description	30.5 x 14 3/4 x 1	2 5/8 inches			
Specimen Location	ex. Michael Mell	er			
Length 77.4	Consignment Width 32.85	Height 30.63		ight (g)	
Specimen Dimensions Mineral Data	77.4 x 32.83 x 30	9.03 cm.	Don/Cor	1]
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
		d several lapidary	discs for p	olishing and grinding.	
Specimen Description					
Specimen Location	ex. Michael Mel	ler			
SpecimenType Length	Consignment Width	V Height		Type Voice Auction	
Specimen Dimensions			Don/Cor	1	
Mineral Data					
Photo 1		Photo 2		Photo 3	

Specimen Number	179	Lot No.		Donor/Consignor No	217	
Specimen Name				ne birefringent properties ge contrast or color cha		
Specimen Description	Used to observe the birefringent properties of anisotropic specimens by monitoring image contrast or color changes. Needs a tuneup					
Specimen Location	ex. Michael Mel	ler				
SpecimenType	Consignment	\ <u>\</u>	Auctio	n Type Voice Auction		
Length	Width	Height	w	Veight (g)		
Specimen Dimensions			Don/Co	on		
Mineral Data						
Photo 1		Photo 2	!	Photo 3		
		2 14-02 Verification of the state of the sta	RS INSTRUMENTS			

Specimen Number	180	Lot No.		Donor/Consignor No 217			
Specimen Name	Analytical Bal	ance]		
Specimen Description	form of a trans	Analytical balances have a draft shield or weighing chamber in the form of a transparent enclosure so that air currents and dust do not affect the Analytical Balances Operation. Needs an overhaul.					
Specimen Location	ex. Michael Mel	ller			7		
SpecimenType Length 45.72 Specimen Dimensions Mineral Data	Consignment Width 43.40 45.72 x 43.40 x	\right 25 25.4 cm.		Type Voice Auction			
Photo 1		Photo 2		Photo 3			

Specimen Number	179	Lot No.			Donor/Consignor No $\boxed{217}$	7		
Specimen Name	Double Pan Bal	ance						
Specimen Description	comparative w	Known for Its convenience and accuracy is commonly used for comparative weighing to determine the difference in mass between						
	two objects rat	her than the	eir absolute	value).	_		
Specimen Location	ex. Michael Me	ller						
						_		
SpecimenType	Consignment		Auct	ion Ty	pe Voice Auction			
Length	Width	Height		Weigl	nt (g)			
Specimen Dimensions			Don	/Con				
Mineral Data						\neg		
Photo 1		Photo 2	2		Photo 3			