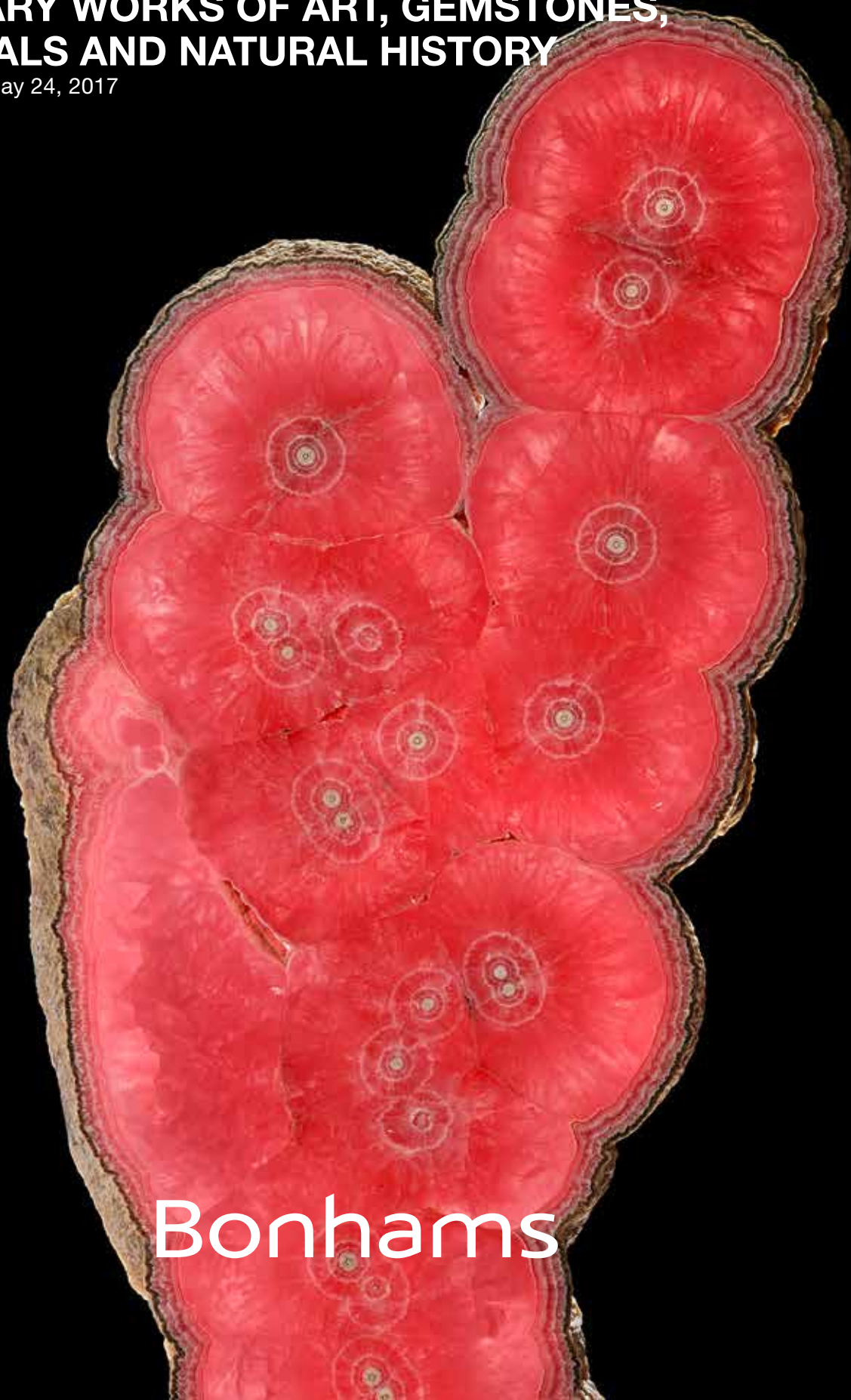


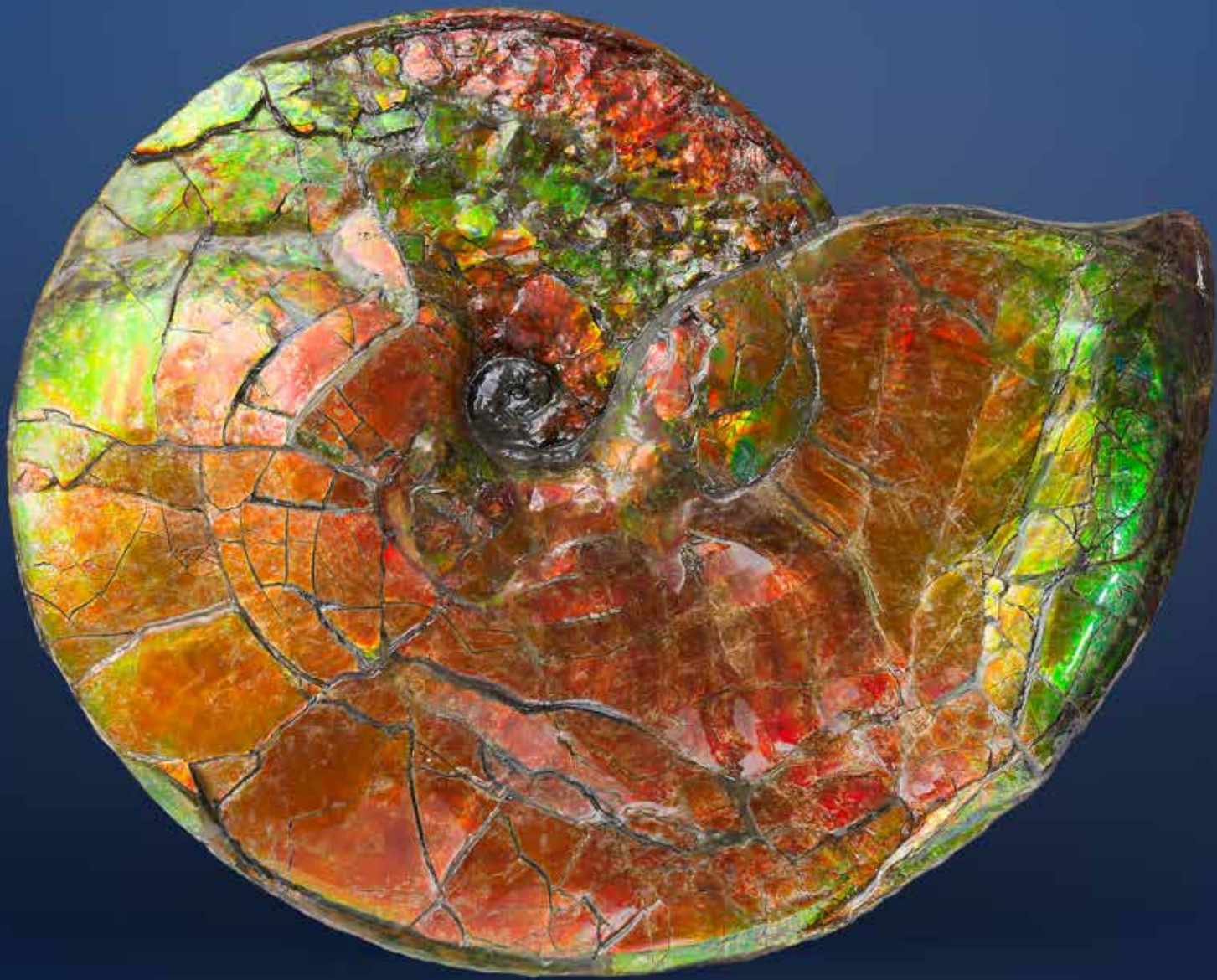
LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Wednesday May 24, 2017

Los Angeles



Bonhams



LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Wednesday May 24, 2017 at 10am
Los Angeles

BONHAMS

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Los Angeles, California 90046
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PREVIEW

Saturday, May 20, 12pm to 5pm
Sunday, May 21, 12pm to 5pm
Monday, May 22, 10am to 5pm
Tuesday, May 23, 10am to 5pm

SALE NUMBER: 24039

Lots 2000 - 2400

CATALOG: \$35

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Please note that telephone bids must be submitted no later than 4pm on the day prior to the auction. New bidders must also provide proof of identity and address when submitting bids. Telephone bidding is only available for lots with a low estimate in excess of \$1000.

Please contact client services with any bidding inquiries.

Please see pages 172 to 178 for bidder information including Conditions of Sale, after-sale collection and shipment.

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ILLUSTRATIONS

Front cover: Lot 2272
Inside front cover: Lot 2014
Session page: Lot 2022
Inside back cover: Lot 2007
Back cover: Lot 2270

Bonhams

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ORDER OF SALE

Fossils, Scholar's Rocks, Taxidermy and Curiosities.....	2000-2024
Meteorites	2025-2036
Petrified Wood.....	2037-2053
Minerals, Gemstones and Lapidary Works of Art (listed alphabetically).....	2054-2400

**ADDITIONAL IMAGES FOR ALL GROUP LOTS
ARE AVAILABLE ON THE WEBSITE**

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ERA	PERIOD	EPOCH	MILLION YEARS AGO
CENOZOIC	QUATERNARY	Holocene (Recent)	Present to 0.01
		Pleistocene (Ice Age)	0.01 to 2
	TERTIARY	Pliocene	2 to 5
		Miocene	5 to 25
		Oligocene	25 to 38
		Eocene	38 to 55
		Paleocene	55 to 65
MESOZOIC <i>(Age of the Dinosaur)</i>	CRETACEOUS		65 to 144
	JURASSIC		144 to 213
	TRIASSIC		213 to 248
PALEOZOIC	PERMIAN		248 to 286
	CARBONIFEROUS		286 to 360
	DEVONIAN		360 to 408
	SILURIAN		408 to 438
	ORDOVICIAN		438 to 505
	CAMBRIAN		505 to 590

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The export of a lot from the United States or import into certain countries may be subject to export or import regulations, licensure and/or other restrictions; in particular, lots containing plant or animal materials such as ivory, rhinoceros horn, tortoiseshell, coral, whalebone or certain types of woods, irrespective of age or value, may require the granting of one or more export or import licenses or certificates, or may be banned from import altogether by some countries. Moreover, the ability to obtain an export license or certificate does not insure the ability to obtain an import license or certificate in another country. Lots that contain such regulated species materials may also not be eligible for exportation or for re-importation into the United States if they are not at least 100 years of age, and, under current law, lots containing African Elephant Ivory may no longer be re-imported into the United States regardless of age. In addition, resales of lots containing certain regulated species materials may be subject to restrictions in some jurisdictions.

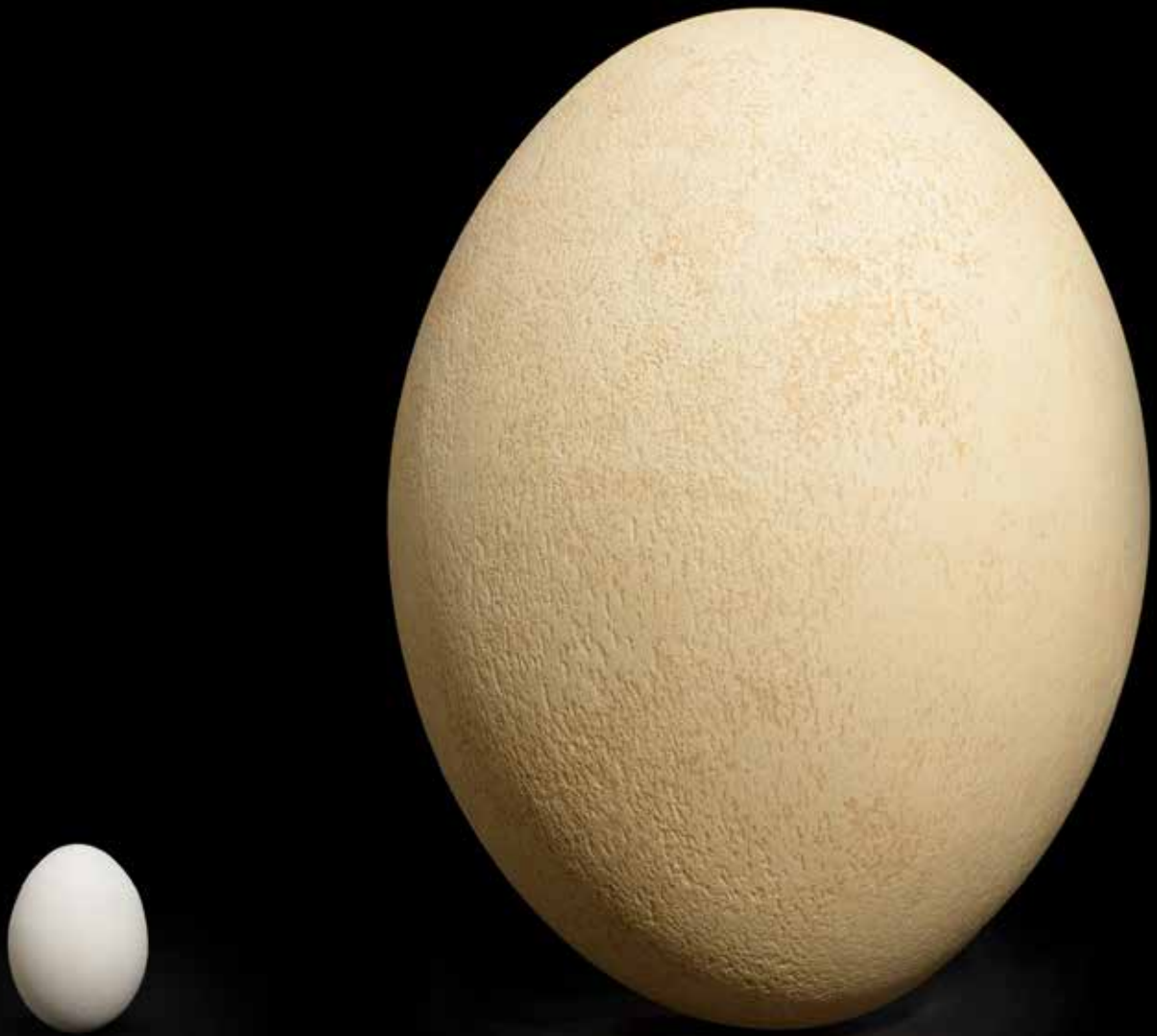
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LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Lots 2000-2400





2000

FOSSILS

2000
FINE DINOSAUR BONE SPHERE

Cretaceous
Morrison Formation, Utah
In this sphere, dinosaur bone has been replaced by limonitic agate. The pores in the sphere are mostly filled with tiny colorless quartz crystals. Honed to a fine polish to reveal the cellular structure of the bone. *Diameter 4 1/2 in*

\$1,200 - 1,500
To be sold without reserve



2001

2001
EXCEPTIONALLY LARGE DINOSAUR BONE SLAB

Junction City, Colorado
This is an immense cross-section slab of agatized dinosaur bone, which is distinguished by its rich red color, variegated with greys and greens. Polished to the face and with the natural surface still visible on the reverse side. *Measuring 13 3/4 x 12 x 3 in*

\$1,500 - 2,000

2002
THREE DINOSAUR BONES

Utah
Including a large red specimen with polished face, *measuring 9 x 8 x 3in.*; together with a slab of grey and red bone polished on one side, *length 8in.*; and a smaller bone section, *diameter 4 1/2in.* (3)

\$900 - 1,200



2002



2003

2003

T-REX TOOTH

Cretaceous
Morocco

With serrations on both sides and most of the enamel intact, this fine example has a rich brown color. This is a large tooth for the species. Weighing 1797.4 grams. Length 4in

\$3,500 - 4,000



2004

2004

TRICERATOPS HORN

Triceratops horridus
Cretaceous

Garfield County, Montana

A rhinoceros-like dinosaur, *Triceratops* possessed three horns on its face, with a large bony plate (frill) projecting from the back of its skull. One short horn above its parrot-like beak and two longer horns above its eyes probably served to defend *Triceratops* from predators. The specimen is a complete brow horn with minimal restoration. This horn exemplifies the formidable weaponry that this famous herbivore may have used to protect itself from predators such as *Tyrannosaurus rex*. This is a large example of a triceratops horn. Length 17 in

\$3,000 - 4,000

To be sold without reserve



2005



2006

**2005
FOSSIL TAPIR FOOT**

Tapir tapirus
Pleistocene
Marion County, Florida
Offered on a custom-made wooden base with armature and engraved brass plaque. *Height 7 1/2in*

\$600 - 800
To be sold without reserve

**2006
EXTINCT CAVE BEAR PAW**

Ursus spelaeus
Pleistocene
Russia
A complete fossil paw of a Cave Bear, an extinct species of bear that inhabited Europe and parts of Asia until the end of the last Ice Age. *Measuring 11 1/2 in*

\$500 - 700
To be sold without reserve



2007 (detail)



2007 (detail)

**2007^w
EXTINCT CAVE BEAR SKELETON**

30-35 year old, adult male
Pleistocene
Carpathian Mountains, Romania
Displaying an intimidating stance, this fine cave bear skeleton has been mounted in a lifelike presentation on hind legs reaching upward with jaws open, exhibiting the formidable teeth of a predator. Cave bears inhabited Europe, Eastern Europe and parts of Asia until they went extinct at the end of the last Ice Age. As shown by the archaeological record, they were contemporaries of modern humans: many cave sites show signs of competition between cave bears and humans as the two species battled for shelter for thousands of years. Evidence shows that both Neanderthals and Cro-Magnons hunted cave bears; scientists theorize that the demise of the cave bear may have been, in part, due to human hunting. Such fine specimens are now difficult to obtain and rarely come up for public offering. *Measures 8 feet 4in*

\$15,000 - 20,000

Offered fully mounted on a custom-made armature.

Provenance: Ex. Collection of Joachim Woerdemann, Nord Fossils, Germany.

Accompanied by a photocopy of a handwritten letter from Joachim Woerdemann of Nord Fossils, Germany stating the age and origin of the adult bear as well as providing the directions for the set up of the skeleton on the armature.



2007



2008



2009



2010

2008

FOSSIL FISH IN RUSTIC FRAME

Mioplosus labracoides

Eocene

Lincoln County, Wyoming

Excavated and prepped over forty years ago and originating from an old collection in Long Island this is a well prepped example of the ancestor of the bass. *Measuring 16 x 15in. Length of fish 13in.*

\$800 - 1,200

Offered in a rustic wooden frame.

2009

FRAMED FOSSIL FISH

Diplomystus dentatus

Eocene

Lincoln County, Wyoming

A limestone slab with a large fossil fish *Diplomystus dentatus*. *Measuring 20 x 14 1/2 inches overall. Length of fish 13in.*

\$1,200 - 1,500

Offered in a rustic wooden frame.

2010

MEGLADON TOOTH

Carcharodon megalodon

Miocene

South Carolina

Discovered in the muddy river waters of South Carolina, this huge 15-million-year-old *Carcharodon megalodon* tooth belonged to a shark that would have measured over fifty feet in length (estimating the length of a shark at approximately ten feet to every one inch of tooth.) The specimen boasts excellent black enamel which is intact and glossy, with excellent serrations on both sides. *Carcharodon megalodon* was the largest shark that ever lived and teeth of larger than 3 to 4 inches are rare. *Height 5in*

\$2,500 - 3,500



2011^w

LARGE EOCENE FISH MURAL

Diplomystus dentatus

Eocene

Green River Formation

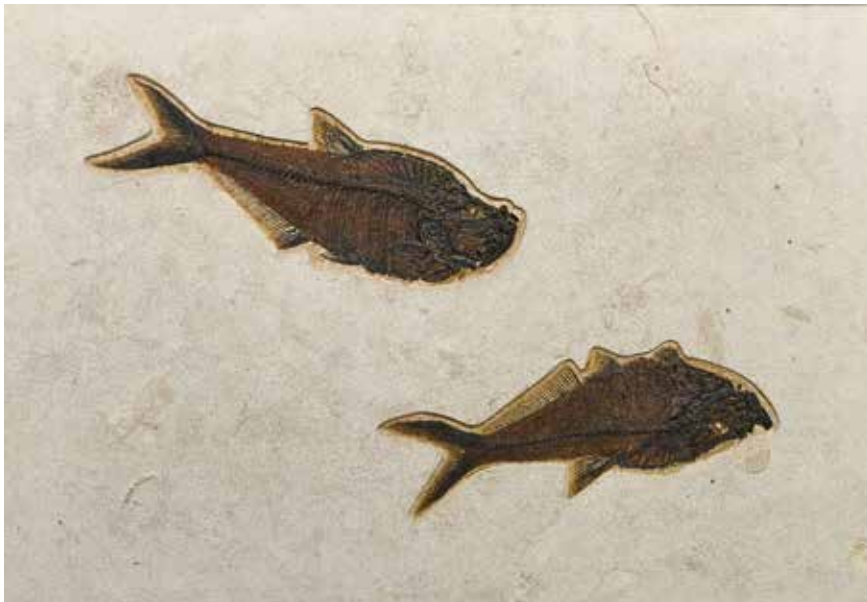
Fossil Butte Member

Lincoln County, Wyoming

A wonderful occurrence of three large fossil fish, *Diplomystus dentatus*, measuring up to 14 inches in length, from the Green River Formation are preserved naturally in association in Eocene-aged limestone. The stone has been backed with high grade plywood, and fitted with a French cleat for mounting. Measuring 49 x 39in

\$3,000 - 4,000

To be sold without reserve



2012



2013

2012

FINE FOSSIL FISH MURAL IN FRAME

Eocene

Warfield Quarries, Green River Formation

Prepared by Rick Hebdon

A large mural of limestone with two fossil *Diplomystus dentatus*, one of which measures up to 16 inches in length. Expertly prepared by one of the best preparators in the United States. *Framed Measuring 35 1/2 x 25 1/2 in*

\$3,000 - 4,000

2013

HIGHLY AESTHETIC FISH FOSSIL

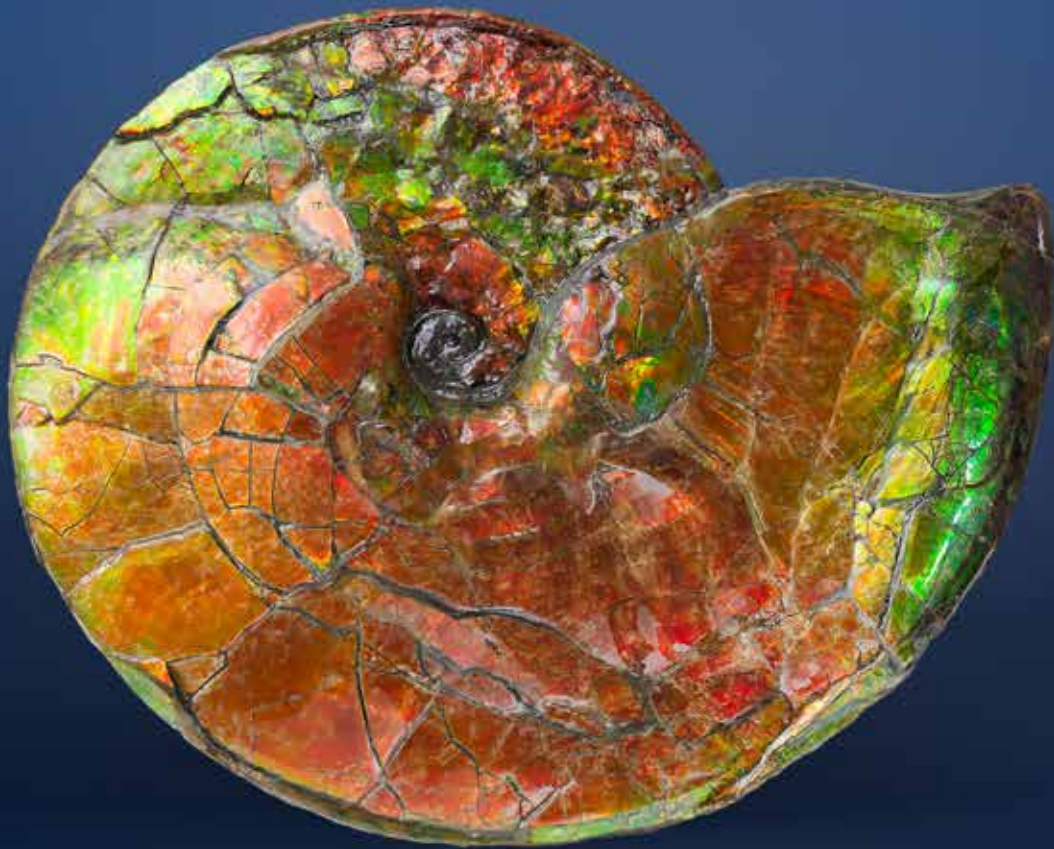
Diplomystus dentatus

Eocene

Fossil Butte Member, Green River Formation, Wyoming

The presentation of this fine fossil is novel in due to its free-form outline. Displaying two fossil fish from the Eocene limestone beds of Lincoln County, Wyoming: *Diplomystus dentatus* and a *Notogoneus, osculus*, the longest of which measures 17 inches in length. Fitted with a French cleat to the reverse side to aid in mounting. *Measuring 40 x 24 in*

\$3,500 - 4,500



2014

SUPERB CANADIAN AMMONITE

Placenticeras meeki

Late Cretaceous

Bearpaw Formation, Alberta, Canada

Ammonite fossils are found on every continent. Treasured for their appearance and form, some show intricate suture patterns, which are created by the complex walls dividing the inside of the shells. Those from Southern Alberta, however, display remarkably vibrant colors not seen in ammonites from other localities. Coveted by collectors the world over, their stunning palette is produced by light interference by the shell layers. The beauty of the present example belies its fierce predatory habit as a living squid-like creature, which flourished 71 million years ago during the Age of Dinosaurs. Displaying brilliant reds and greens, this example also exhibits some rare blue coloration. The colorful material seen in the Bearpaw ammonites represents one of only two fossils that are also classified as gemstones. *Diameter 17in*

\$30,000 - 40,000



2015



2017



2016

2015

FINE AMMONITE

*Jurassic period
Madagascar*

A large ammonite with great decorative appeal, suffused with warm brown tones, notable for the visible "maple leaf" sutures on its surface. *Measuring 12 x 10 in*

\$1,000 - 1,500



2017A

2016

UNCOILED AMMONITE ON MATRIX

*Dodymoceras stevensoli
Late Cretaceous*

*Pierre Shale
Upper Cretaceous
Custer County, South Dakota*

A fine heteromorphic ammonite on matrix. Specimens of this species are highly prized by collectors. *Height 7 in*

\$1,200 - 1,800

2017

LARGE DECORATIVE AMMONITE

Calyccoceras sp., Cenomanian Stage, Upper Cretaceous

This species of ammonite can be found in fairly wide distribution in the Cenomanian of the United Kingdom, France and Madagascar. An extinct cephalopod species which belongs to the subclass Ammonoidea and family Acanthoceratidae, they lived during the Cenomanian stage of the Late Cretaceous approximately 100-94 million years ago. They are known for having very pronounced ribs on their shells. *Diameter 17 in*

\$1,000 - 1,500

Offered on a decorative wrought iron stand.

2017A

SHIVA LINGAM STONE

Narmada River, Central Highland, India

Collected in the Narmada River as sacred stones by Hindus for over 4,000 years, lingams are ancient sacred objects. As symbols of Shiva, they are believed to impart powers of fertility. According to local belief, lingams were marked by a meteoric impact and, therefore, represent the union between heaven and earth. Iron oxide contributes the decorative brown/red markings on composite quartz granite with rust-hued staining and variegated coloration. Shaped naturally in an elongated ovoid form, lingams are harvested during the dry season and are laboriously polished by hand using ancient methods without the use of mechanized tools. *Measuring 13 x 6 in. Weighing approximately 26.4 lbs*

\$400 - 600

To be sold without reserve

2018

**MULTI-GEMSTONE AND FOSSIL
INLAID WALL ART---FOSSILIFEROUS
I: "CAMBRIAN TO CRETACEOUS"--BY
SUSAN JUDY**

Fossiliferous I: Cambrian to Cretaceous" is a stone relief sculpture that shows a glimpse of the colorful paleontological history of the earth. This stratigraphic column depicts the eleven periods from the Cambrian to the Cretaceous with 27 inlaid fossils from around the world. The Cambrian features trilobites from Delta, Utah; crinoid stems from southeastern Morocco highlight the Devonian, while the Pennsylvanian is represented with seed ferns from northeastern Oklahoma. Sand dollars from Sakaraha, Madagascar signify the Jurassic and the Cretaceous is illustrated with sea urchins from Morocco. The background stone includes pebble conglomerate, limestone, marble, travertine, conglomeritic marble, stromatolitic jasper, slate, and onyx. *Measuring 29 x 15 1/2 in*

\$4,000 - 6,000

SUSAN JUDY

Susan Judy is an artist with a background in exploration geology. She has worked in stone relief sculpture since 1998. The process includes cutting, polishing, sanding and arranging a variety of semi-precious gems, crystals, fossils and other stone into abstract and geologic images. The geologic art includes stone geologic maps, stratigraphic columns, primordial landscapes and structural images.





2019



2020



2021

2019
WHITE SCHOLAR'S ROCK WITH INSCRIPTION

China

An unusual specimen, due to the white color, this contemplation stone appears smooth and water-worn. With more than one naturally pierced cavity and with an inscription to the face. *Measuring 25 x 24 x 9 in*

\$2,000 - 3,000

Offered on a custom-fitted wooden base.

2020
SCHOLAR'S ROCK ON WOODEN STAND

China

Elegant and dramatic, this scholar's rock is more unusual than most for its horizontal disposition. The natural piercings which form a positive and negative tension create the maximum effect in aesthetics. *Measuring 23 x 17 x 6 in*

\$1,500 - 2,000

Offered on a removable wooden stand.

2021
"CHICKEN'S BLOOD" JASPER SCHOLAR'S ROCK

Guilin, Guangxi, China

A large rectangular block of a unique jasper which originates from the famous region of Guilin. Due to the large splotches of red this type of jasper is known as "chicken's blood" and it is considered to be a highly collectible stone.

Measuring 15 x 12 1/2 x 5 1/4 in

\$1,000 - 1,500

Offered on a custom-fitted wooden stand.

2022

**GIANT ELEPHANT BIRD EGG WITH
REMNANTS INSIDE**

Aepyornis maximus

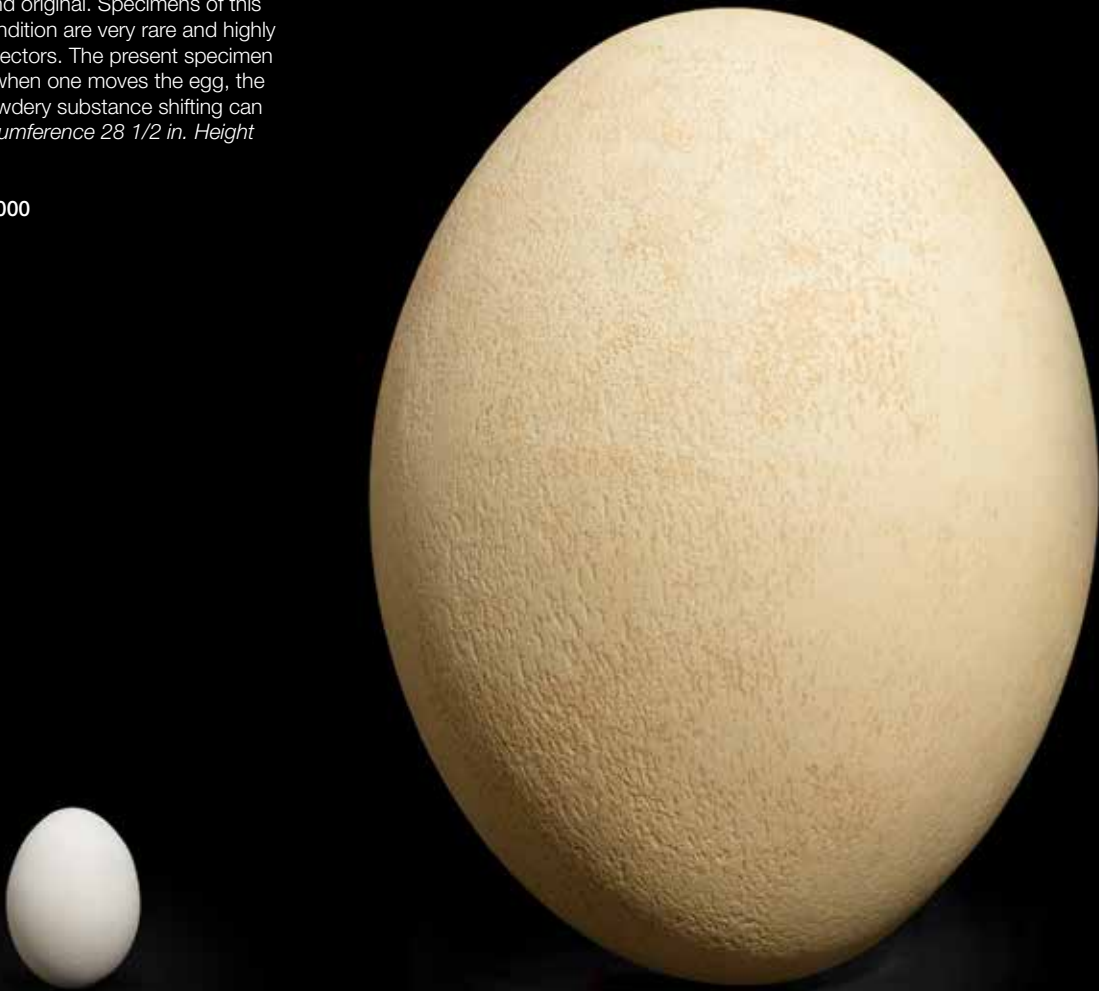
Southern Madagascar

Pre-17th century

The extinct flightless bird, *Aepyornis maximus*, produced the largest egg of any animal that ever lived, including the dinosaurs. Commonly known as the Elephant Bird, a name that originated from Marco Polo's account of the giant bird in 1298, the species was described by Marco Polo as a ten-foot-tall bird that weighed over half a ton, having talons large enough to seize an elephant.

Aepyornis maximus lived only on the island of Madagascar and went extinct in the middle of the 17th century. The present exceptional egg is unbroken and original. Specimens of this quality and condition are very rare and highly desired by collectors. The present specimen is rare in that when one moves the egg, the sound of a powdery substance shifting can be heard. *Circumference 28 1/2 in. Height 11 1/2 in*

\$30,000 - 40,000





2023

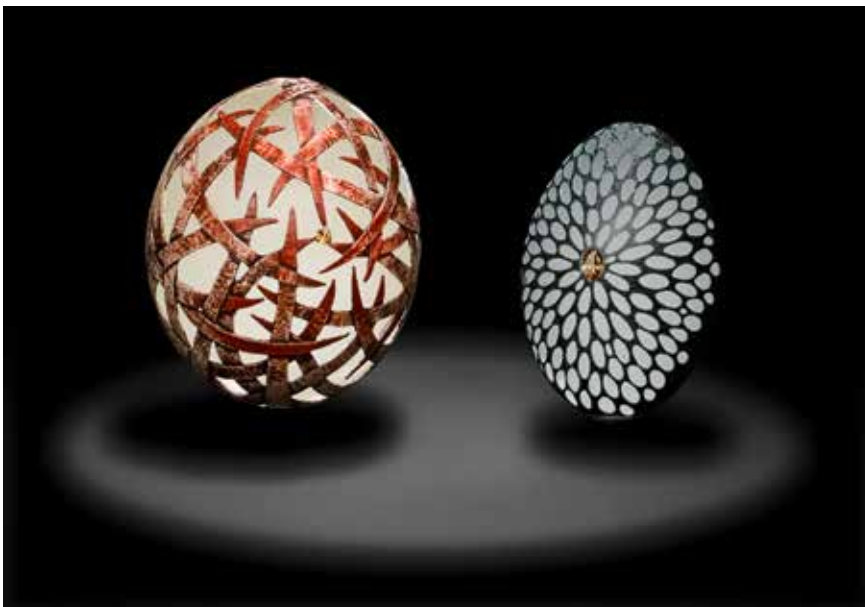
2023

TAXIDERMIC WHITE PEACOCK

Pavo cristatus

An albino peacock is a type of peafowl, distinctive for its pure white color due to total or partial lack of biochromes. Often incorrectly referred to as an “albino peacock”, it is nothing of the sort: albinism, would cause lack of pigmentation not just in the feathers, but in the skin and eyes as well. A white peacock is, technically, a genetic variant of the Indian Blue Peafowl.

The colors in the feathers of a bird are determined two factors: pigment and structure. For example, the green in some parrots is a result of yellow pigments over blue-reflecting feathers. In the case of a white peacock, its unusual lack of color is due to a missing pigment. This missing pigment is dark and absorbs incident light, making diffracted and interference light visible (i.e. common peacocks). Pigment colorization in birds comes from three different groups: melanins, carotenoids, and porphyrins. Melanins occur as tiny specs of color in both the skin and feathers, and ranges from the darkest black to pale yellows. Carotenoids are plant-based and are acquired only by eating plants or by eating something that ate a plant. They produce bright yellows and brilliant oranges. The last pigment group, Porphyrins, produces a range of colors including pink, browns, reds, and greens. Feather structure is as important to color as pigment. Each feather consists of thousands of flat branches, each with minuscule bowl-shaped indentations, at the bottom of which are lamellae (thin plate-like layers), that act like a prism splitting light-- with the same principle for butterfly wings and hummingbirds. The present specimen is mounted to gnarled tree branch to permit wall mounting. *Length overall 58 inches. With removeable tail for ease of transport.*



2024

\$2,500 - 3,500

2024

TWO CARVED AND GEM-SET EGGS

The dark green emu egg, carved with oval pierce-work, and centering on an oval-cut Brazilian imperial topaz. The ostrich egg, *height 6in*, pierced with angular decoration with a faceted topaz and highlighted with pigments to create variations in color. Centering on a triangular-shaped Imperial topaz, *height 5 1/2 in. (2)*

\$800 - 1,200

To be sold without reserve

METEORITES

2025

ESQUEL PALLASITE SLICE

Stony-Iron Pallasite
Chubut, Argentina

Displaying the only gemstone from outer space, the beautiful green olivine present in pallasites is identical structurally and chemically to Earth's peridot. Discovered in Argentina in 1951 by a farmer digging a livestock pond, many collectors regard Esquel as the finest example of all stony-iron pallasites. The present specimen is a cut on two sides with some fusion crust visible on the "ragged" edges. It displays very large olivine crystals with excellent transparency. This is a classic meteorite available in very short supply now in today's market. *Weighing approximately 186 grams and measuring 5 1/4 x 4 1/2 x 1/8in*

\$8,000 - 10,000

2026

SILICATED CAMPO DEL CIELO METEORITE CUBE

Iron, coarse octahedrite
Gran Chaco, Argentina

This is an uncommon, highly-silicated Campo del Cielo meteorite. While most Campos contain occasional silicate inclusions, this specimen contained an abundance of such inclusions and was, as a result, initially believed to be from a completely different meteorite that just happened to be found in the same vicinity. The chemical signature of the iron composition is, however, a match with Campo del Cielo. This is a symmetrical and well-formed cube with mirror bright polish. *Weighing approximately 222.8 grams and measuring 1 3/8 x 1 3/8 x 1 3/8in*

\$1,000 - 1,500

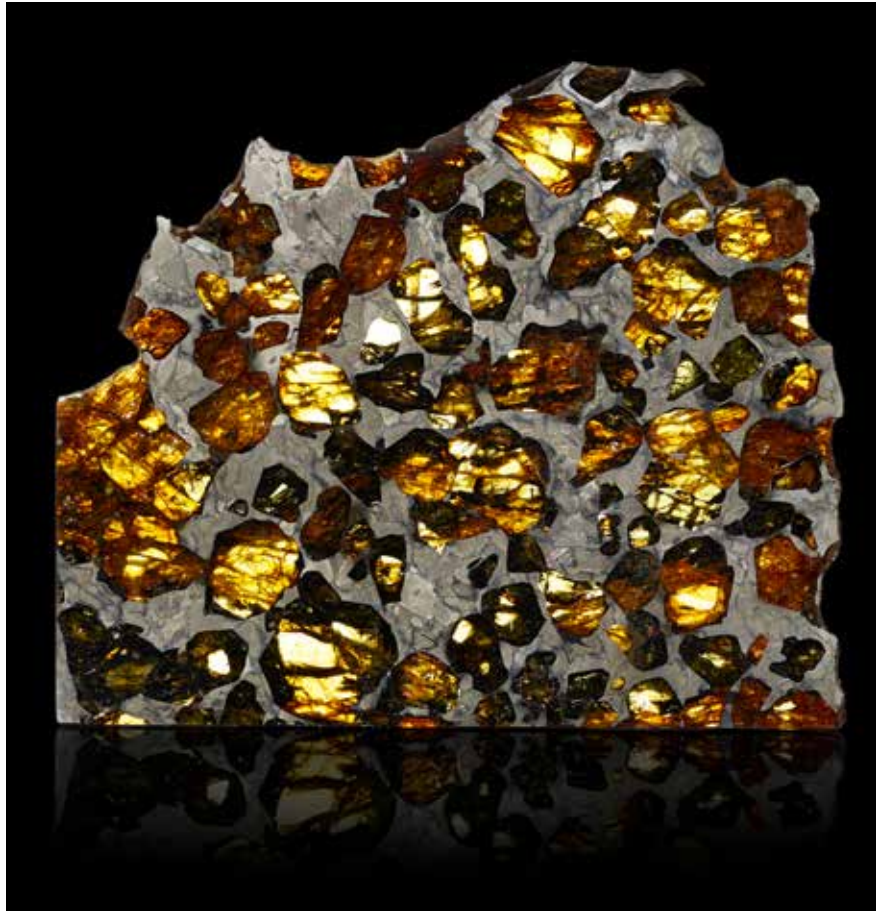
2027

SEMYCHAN METEORITE CUBE

Iron-nickel, medium octahedrite
Magadan District, Russia

The Seymchan meteorite was first found in 1967, in the dry bed of the river Hekandue. The total known weight of the original meteorite is only approximately 351 kilos. The present specimen has been fashioned into an attractive cubic-form and acid etched to reveal the desirable Widmanstätten pattern of crystallization on the surface for which this meteorite has become renowned. *Weighing approximately 232.8 grams and measuring 1 2/8 x 1 3/8 x 1 2/8in*

\$1,000 - 1,500



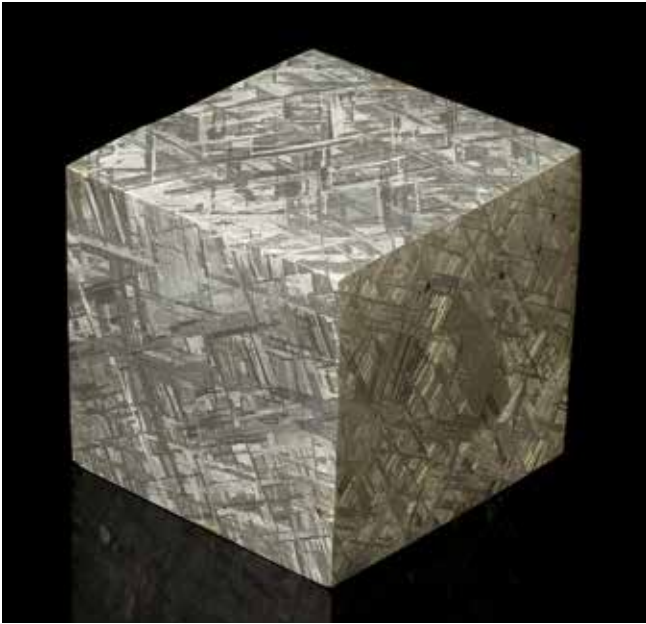
2025



2026



2027



2028



2029



2030

2028
LARGE MUONOLUSTA METEORITE CUBE

*Iron, Fine (IVA) Octahedrite
 Kiruna, Norrbotten, Sweden*

Dated to have impacted northern Sweden approximately one million years ago, and initially discovered in 1906, this locality has become one of the best sites for fine octahedrite irons. Searches for the impact crater from the original shower, near the Arctic Circle have been in vain, as several glacial periods have most likely transported the meteorites away from the original strewn field.

These meteorites are almost always found buried under several feet of glacial moraine, and require specialized metal detectors to be found at these depths. The Muonionalusta is also the first meteorite in which Stishovite has been identified, a rare and extremely hard silicon dioxide polymorph of quartz, formed by very high shock pressure created

by the hypervelocity of a meteorite impact, giving rise to the theory that the Muonionalusta impact was one of the most violent and direct impacts on this planet.

Offered is a cube of Muonionalusta is the classic Widmanstätten patterns of meteorite metal matrix, an unearthly grid of shimmering shades of grey and silver, comprising two forms of nickel-iron, kamacite, and taenite. The high nickel content galvanizes the iron to some extent, which aids immensely in the meteorite's survival for nearly a million years under conditions highly favorable to rusting. Rarity and difficulty to recover make these specimens uncommon on the market. The present specimen is very large in size and possesses a fine etched pattern to all surfaces. *Weighing approximately 3429.1 grams and measuring 3 x 3 x 3in*

\$8,000 - 12,000

2029

METEORITE AND BURLWOOD LETTER OPENER

The blade fashioned from an acid etched Gibeon meteorite from Namibia, the handle of juniper burlwood inset with a window and a slice of pallasitic Seymchan meteorite from Russia, visible on both sides. *Length 10 1/2in*

\$2,000 - 3,000

2030

MUONALUSTA CUBIC SCULPTURE

*Iron, Fine (IVA) Octahedrite
 Kiruna, Norrbotten, Sweden*

The present specimen is nearly cubic, possesses a fine acid etched Widmanstätten pattern to all sides and displays some exterior fusion crust on two corners. *. Weighing 798.0 grams and measuring 2 x 1 7/8in x 1 7/8in*

\$2,000 - 3,000

To be sold without reserve



2031

CANYON DIABLO METEORITE

Iron-nickel

Meteor Crater, Winslow, Arizona

From a private collection, this large Canyon Diablo specimen represents one of the more sought-after meteorites by collectors. Any sizeable specimens are now difficult to find as the area around Meteor Crater near Winslow, Arizona has been closed for years. Most currently available Canyon Diablo meteorites are a mere 100-200 grams in weight. Meteor Crater, which measures nearly one mile in diameter, was created over 50,000 years ago when a meteor, measuring approximately fifty feet in diameter, exploded high over the Arizona desert. Characteristic of specimens from the fascinating site, the present specimen displays an attractive, rich brown color and a pleasing shape. The present specimen has numerous regmaglypts (thumbprints), formed as the meteorite became molten when entering the Earth's atmosphere. *Weighing 14.5 kilos (14,563 grams or 32 lbs) and measuring 12 x 7 1/2 x 5 in*

\$30,000 - 40,000



2032

2032

MUONALUSTA COMPLETE SLICE

Iron, Fine (IVA) Octahedrite

Kiruna, Norrbotten, Sweden

Offered is a complete slice of Muonionalusta with the classic Widmanstätten patterns of meteorite metal matrix, an unearthly grid of shimmering shades of grey and silver, comprising two forms of nickel-iron, kamacite, and taenite. Polished on both sides with complete fusion crust on all edges and acid etched to reveal the Widmanstätten pattern. *Weighing approximately 1797.5 grams and measuring 7 x 4 x 3/4in*

\$2,500 - 3,500



2033

2033

SEMYCHAN PALLASITE CUBE

Pallasite – PMG

Magadan District, Siberia, Russia

Seymchan was originally found in the far-eastern region of Russia in the summer, 1967, by a geological survey party near the Hekandue River, in the Magadan District of Russia. The presence of Olivine crystals in Seymchan evidences its origin near the core/mantle boundary of a differentiated body (thought to be an asteroid – a small, rocky body that orbits the sun) which was destroyed during the formation of our solar system, approximately 5.5 to 6 billion years ago. Plentiful olivine crystals can be seen within the polished nickel-iron matrix of this specimen. Additionally there are rare chromite crystals interspersed with the olivine. The present specimen is etched to reveal the Widmanstätten pattern of crystallization. *Weighing approximately 859.3 grams and measuring approximately 2 x 2 x 2in*

\$5,000 - 6,000



2034

**COMPLETE SEYMCHAN METEORITE
SLICE WITH EXTRATERRESTRIAL
GEMSTONES**

Pallasite – PMG

Magadan District, Siberia, Russia

In the 1960s, two large metallic masses were found in a streambed in an infamous part of Siberia where Stalin's gulags are located. Identified as meteorites, they were named Seymchan after a nearby town. Some specimens of Seymchan contain olivine crystals scattered throughout the matrix, others have no such crystals at all and then there are the "transitional" specimens which feature bands of crystals—and the complete slice now offered is a superlative example of the latter variety. A prominent display of this meteorite's array of its nickel-iron alloys

referred to as a Widmanstätten pattern is also in evidence. This metallic latticework is indicative of a slow cooling rate that provided sufficient time — millions of years — for its two metallic alloys to form their crystalline habit and as such it's diagnostic in the identification of a meteorite. In addition to the fine green olivine crystals are rare dark grey chromite crystals in groupings. This meteorite also contains crystals of peridot, the birthstone of August. *Weighing approximately 1016 grams and measuring 12 x 10 x 1/8 in*

\$12,000 - 15,000



2035



2036

2035

ORIENTED AESTHETIC IRON METEORITE

Campo del Cielo

Iron, coarse octahedrite

Gran Chaco, Argentina

Iron meteorites originate from the molten iron core of what were immature planets that briefly existed between Mars and Jupiter. These quasi-planetary bodies broke apart approximately 4.5 billion years ago during the birth of the solar system; the asteroid belt contains the artifacts of this event. In what is among the largest of pinball galleries, material is periodically deflected into an Earth intersecting orbit. This was the case 4,000 years ago when a major meteorite shower occurred in what is now known as Campo del Cielo ("Valley of the Sky"), Argentina. In 1576, Campo del Cielo meteorites were first written about by Spanish explorers before their unearthly origins were understood. The first large meteorite displayed at the British Museum of Natural History was a "Campo" and several large Campo del Cielo masses can be found today in the finest museums throughout the world. Surprisingly dense for its size, with a deep charcoal to platinum patina, this specimen orients in a variety of different positions.

It has a cone shape with a flat bottom as an oriented meteorite would have and looks much more like a Sikhote-Alin than a typical Campo.

The closeup photos show evidence of the metal melting during entry which would occur with an oriented meteorite. This is highly unusual for a Campo because the fall occurred over 5,000 years ago and is typical of a Sikhote-Alin that fell in 1947. *Weighing approximately 56.8 lbs. (25.8 kilos). Measuring 12 x 10 x 7 1/2 in*

\$8,000 - 11,000

2036

LARGE CANYON DIABLO METEORITE

Iron-nickel

Meteor Crater, Winslow, Arizona

From a private collection, this large Canyon Diablo specimen of just over 7 kilos, represents one of the more sought-after meteorites by collectors. Any sizable specimens are now difficult to find as the area around Meteor Crater near Winslow, Arizona has been closed for years. Most currently available Canyon Diablo meteorites are a mere 100-200 grams in weight. Meteor Crater, which measures nearly one mile in diameter, was created over 50,000 years ago when a meteor, measuring approximately fifty feet in diameter, exploded high over the Arizona desert. Characteristic of specimens from the fascinating site, the present specimen displays an attractive gunmetal color and a pleasing shape. Also seen are several large, distinctive regmaglypts (thumbprints), formed as the meteorite became molten in Earth's atmosphere. The present specimen has numerous regmaglypts, a deep scoop to the center and a flange to one side which resembles the beak of a bird. With all of these rugged characteristics, large size and excellent patina this is an excellent choice for the collector of aesthetic iron meteorites. *Weighing approximately 7032 grams and measuring 8 3/4 x 8 x 5 3/4 in*

\$8,000 - 10,000



PETRIFIED WOOD

2037

IMMENSE PETRIFIED WOOD SPHERE

Araucarioxylon arizonicum

Triassic

Chinle Formation, Northern Arizona

The varied hues in Arizona petrified wood are produced by metals such as copper, iron, magnesium and uranium, which seeped into the trees' cellulose over eons. These giant pine trees have been covered by metal-rich volcanic ash for nearly 210 million years. The present offering is very large in size, and finished with a diamond grit to provide a high polish. Such large spheres are rare in today's market as a large section of a log must be sacrificed in order to create them. *Weighing approximately 110 kilos (242 lbs). Diameter 16in*

\$12,000 - 15,000



2038



2039



2041

2038

PETRIFIED WOOD SPECIMEN FROM A RARE LOCALITY

Burma

100 million years old

When trees fall or are covered by sediment, over time, the organic materials of the wood are replaced with mineral deposits over thousands (if not millions) of years. Most frequently a silicate, such as quartz, is the primary replacement mineral which makes the petrified wood colorful and durable. When these pieces are found and dug up from deep pits, workers spend hundreds of hours hand-polishing each piece (but they do not carve the shape) of these to show the natural coloring and shape of these unique treasures. The present piece is particularly unusual in that the wood had already begun rotting before the woods silicified. The shapes on this piece are all natural, and the luster was brought out with only a slight polish. This wood is more translucent (silica-rich) than most petrified wood, in addition to having the surreal forms and swirls. Its placement on a custom-fitted wooden stand lends it the presence of an elegant contemplation stone in the traditional Chinese manner. *Height with stand 15in*

\$1,200 - 1,500

Offered on a custom-fitted carved wooden base to best view the specimen as a "contemplation" stone.

2039

QUARTZ CRYSTAL COATED LIGNITE CONIFER--ALABAMA PERMINERALIZED WOOD

Near Montgomery, Alabama

Comprising a lignite log with a scintillating coating of small druzi, larger smoky quartz, and carbon included crystals up to 0.75 cm in diameter. To our knowledge this is the only location which produces permineralized wood with larger than druzi crystals. Estimated age is 65-85 million years. This is a particularly large specimen of its type. *Weighing 26.4 lbs. and measuring 17 1/2 x 8 x 5 3/4 inches*

\$1,500 - 2,000

2040

No lot



2042



2043

2041

PETRIFIED WOOD SPHERE

Araucarioxylon arizonicum

Triassic

Chinle Formation, Northern Arizona

The varied hues in Arizona petrified wood are produced by metals such as copper, iron, magnesium and uranium, which seeped into the trees' cellulose over eons. These giant pine trees have been covered by metal-rich volcanic ash for nearly 210 million years. Characterized by rich tans, red, charcoal and grey tones this very large sphere has been polished to a mirror-bright finish. *Diameter 6in*

\$800 - 1,200

To be sold without reserve

2042^w

PETRIFIED WOOD STUMP

Araucarioxylon arizonicum

Triassic

Chinle Formation, Northern Arizona

This excellent example is from the Triassic; it displays a rich red color due to the presence of iron oxide. Complete with bark texture to all sides, with a contour polished top. The classic coloration of fine Arizona wood with black to the center and red to the edges. *Weighing approximately 85 kg. Measures 20 x 15 x 14in*

\$2,000 - 3,000

2043

CONTOUR POLISHED PETRIFIED WOOD STUMP

Araucarioxylon arizonicum

Upper Triassic

Chinle Formation

Holbrook, Arizona

With a highly polished contoured end and a 180 degree waterfall side, a petrified wood log displays vivid oranges, reds and yellows on a face that cascades down the front while preserving the deep bark patterns on the exterior of the log. Recovered from private ranch land near the Petrified Forest National Park. *Weighing approximately 250 lbs. Measuring 30 x 15 x 12 in*

\$4,000 - 5,000



2044

2044

PETRIFIED WOOD INTARSIA BOX

Fabricated in Florence, Italy

Made of beautifully matched sections of petrified wood from Madagascar, imbued with rich tones of reddish brown and beige. *Length 6 in*

\$800 - 1,200

To be sold without reserve



2045



2046



2047

2045

LARGE PETRIFIED PALMWOOD SPHERE

Sumatra, Indonesia

Midnight black showing some evidence of the cellular structure, with one or two cavities which show micro-crystallization of quartz. Variations in color and accents of lighter blue and white. This region is known for producing petrified cycads and tree ferns which were preserved by volcanic ash. *Diameter 8 in*

\$1,500 - 2,000

To be sold without reserve

Offered with an acrylic base.

2046

PETRIFIED WOOD BOWL

Araucarioxylon arizonicum

Triassic

Chinle Formation, Northern Arizona

Made from a cross-section slab of a complete petrified wood log, this decorative bowl suitable for use on a coffee table or other functional use. It displays the rich red hues for which this locality is known. With bark texture on all sides. *Measuring 13 1/2 x 12 x 5in*

\$1,500 - 2,000

To be sold without reserve

2047^w

LONGITUDINAL CUT PETRIFIED WOOD

Madagascar

Suitable for use as an end table or coffee table, this is a colorful polished slab of petrified wood. *Measuring 27 3/4 x 16 1/2 x 1in (70 x 41 x 2cm)*

\$2,000 - 3,000

To be sold without reserve



2048^w

**LARGE AND IMPRESSIVE PETRIFIED
WOOD SLAB**

Araucarioxylon

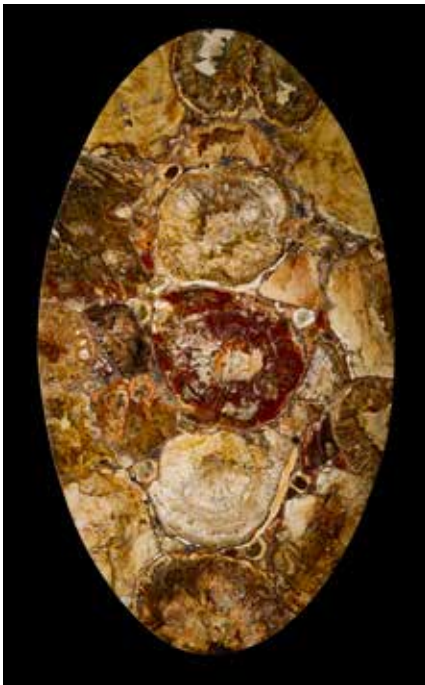
Triassic

Chinle Formation, Arizona

A large oval slab, suitable for use as a coffee table, exemplifying the rich red hues that are seen in wood from this region. Polished to the face. Measuring 43 x 29 x 1 1/2 in (109 x 73 x 3cm)

\$5,000 - 7,000

To be sold without reserve



2049



2050

2049^w

**PETRIFIED WOOD INTARSIA TABLETOP,
ENSUITE WITH THE NEXT LOT**

Madagascar

Unusual for its marquise-shape form and having a unique design, with cross-section slices of petrified wood selected for their complementary red, ochre and brown hues placed in an attractive concentric design.

Measuring 39 1/2in x 22 1/2in x 1in (100cm x 57cm x 2cm)

\$1,500 - 2,000

2050^w

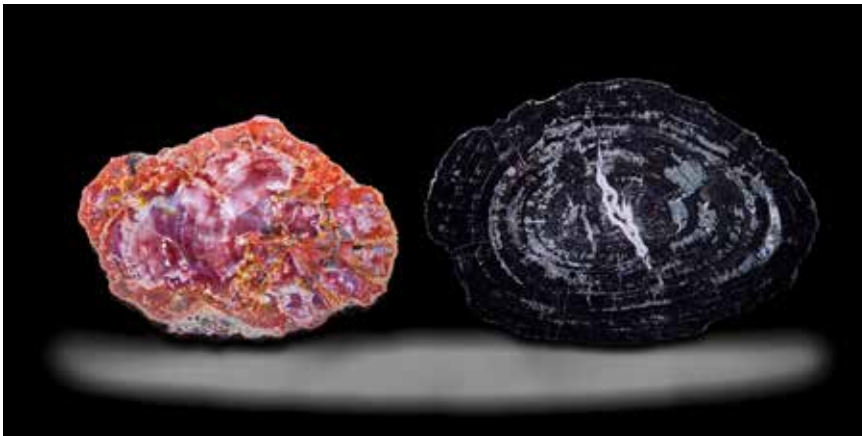
**PETRIFIED WOOD INTARSIA TABLETOP,
EN SUITE WITH THE PREVIOUS LOT**

Madagascar

Unusual for its marquise-shape form and having a unique design, with cross-section slices of petrified wood selected for their complementary red, ochre and brown hues placed in an attractive concentric design.

Measuring 40 1/4in x 22in x 1 1/2in (102cm x 55cm x 3cm)

\$1,500 - 2,000



2051

2051

**LARGE GROUP OF PETRIFIED WOOD
SPECIMENS**

Worldwide Locations

Comprising agatized examples of various coniferous and deciduous woods including: a black slab of palm wood, *Indonesia*, length 17 in; a slab of petrified oak wood, *Oregon*, length 16 1/2 in; and various slabs of Arizona wood; a log section; a slab of petrified cycad, *Brazil*; a slab of Australian peanut wood; and a slab of green *Woodworthia*, *Arizona*. (23)

\$600 - 800

To be sold without reserve

2052^w

PETRIFIED WOOD SLAB

Araucarioxylon

Triassic

Chinle Formation, Arizona

A classic, large slab of petrified wood, displaying the rich red hues for which this locality has become famous. With polished surface. *Measuring 27 x 20 x 1in*

\$1,200 - 1,500

To be sold without reserve



2052



2053

2053
GROUP OF FOUR PETRIFIED WOOD SLABS

Arizona and other localities

Fine specimens exhibiting exceptional reds, measuring approximately 19 inches in length, including one from Arizona of exceptional thickness of 2 1/2 inches. (4)

\$700 - 1,000

To be sold without reserve

2053A

TWO PAIRS OF PETRIFIED WOOD BOOKENDS

Arizona

Agatized wood from the prestigious region of Arizona. The smaller one predominantly with red hues, both polished to the face and matte polish to the reverse side. *Height of larger pair: 10 3/4 in. Height of smaller pair: 7 1/4 in*

\$600 - 800

To be sold without reserve



2053A

MINERALS, GEMS AND LAPIDARY WORKS OF ART (LISTED ALPHABETICALLY)

Including Property from the Estate of Marcia Dawson, San Jose, California and Property from the Collection of Joel and Barbara Hauser, San Bernardino, California

ADDITIONAL IMAGES FOR ALL GROUP LOTS ARE AVAILABLE ON THE WEBSITE

2054

TWO AGATE SLICES

Brazil

The larger one is a full cross-section slice of oval outline, with natural boulder edges all around and transparent quartz to the center, *length 13 1/4 in;* together with a partial slice. The larger slice offered on a wooden stand, *length 11 1/4 in.* (2)

\$600 - 800

To be sold without reserve



2054



2055

2055

NATURAL AGATE ALPHABET

Indonesia

There are only a few complete natural agate alphabet sets known to have been assembled—and the present set is one of them. Through perseverance and hard work the lapidary artist has cut these twenty-six cabochons from large pieces of natural translucent agate that contained iron-stained fractures. Typically, these natural inclusions in the agate take the form of an abstract pattern or cross, but with great care, the lapidary artist can observe where the stained fractures form shapes which are more interesting, and then orient the cabochon so that those shapes appear as letters. It can take many years to assemble a set such as this as only a few agate “letters” are found each year. Certain letters, such as Q and R, are especially difficult to find. Truly a wonder of nature and a fascinating item for those loving natural history curiosities, heights approximately 12mm. (26)

\$2,000 - 3,000

To be sold without reserve



2056

2056

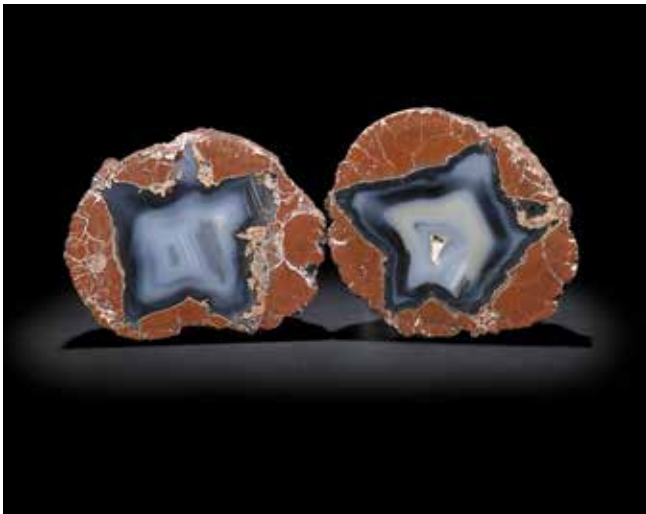
GROUP OF AGATE GEODES

Worldwide Localities

Including a Laguna agate geode, *Mexico*; a Dryhead agate, *Carbon County, Montana*; many agates geodes from *Brazil*, as well as slices; and an Oregon “thunderegg” and a pair of *Brazilian* geode bookends. *Largest specimen measures 5 inches in diameter.* (32)

\$600 - 800

To be sold without reserve



2057

2057

LARGE GROUP OF “THUNDEREGGS” AND AGATES

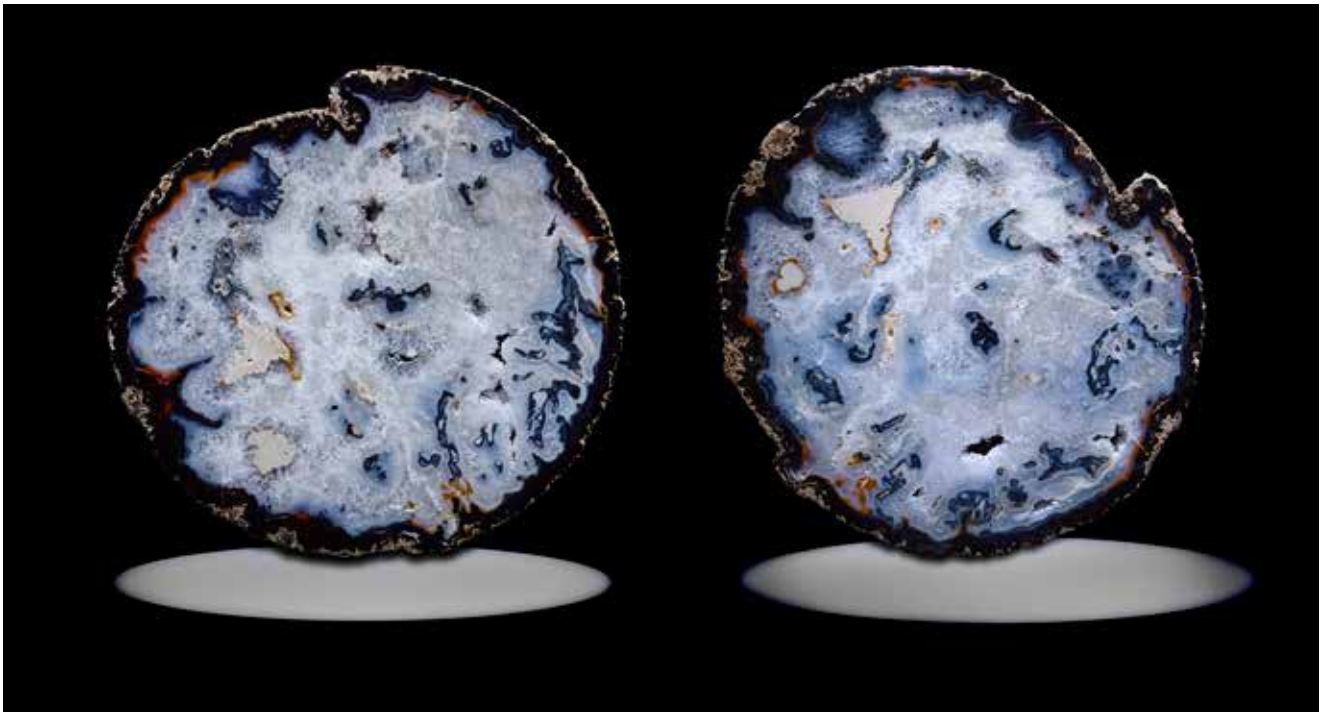
Early Tertiary

Northeastern Oregon

The Blue Mountains of Northeastern Oregon hold a variety of dominant geologic features such as the extensive and voluminous Columbia River basalt flows. In a specific locality, the underlying series of Early Tertiary (65 to 60 million-year-old) rhyolitic volcanic flows have been exposed, yielding exceptional thundereggs. These spherical masses, normally ranging in size from less than an inch to four feet in diameter, are typically the size of a baseball. When halved and polished, they may reveal exquisite, colorful patterns. The present lot is an offering of agates from this locality. The present pair displays grey agate with concentric black banding and red borders, *length 3 1/2 in*; together with various other geode halves, also from Oregon. (36 pcs)

\$1,000 - 1,500

To be sold without reserve



2058

MINERALS FROM THE COLLECTION OF JOEL AND BARBARA HAUSER, SAN BERNARDINO, CALIFORNIA

An ardent rock hound, Joel Hauser pursued his hobby of rock collecting and lapidary for over 60 years. Under the blazing sun of his native southern California, as well as Arizona deserts, he frequently dragged his four sons and wife through miles of rocky terrain to search for agates, geodes and petrified wood. Along the way, he discovered a deposit of agate geodes in Riverside County's Little Chuckawalla Mountains, a locality now known to rock hounds as the Hauser Geode Beds (see lot 2064). Joel's wife, Barbara, wrote for local newspapers and mineral hobby magazines and, most famously, one article she penned was titled "Bride of a Rock Hound" and it chronicled their many adventures in rock hunting.

Joel became an expert at contour polishing--perfecting that freeform, undulating polishing style that reveals the beauty of a specimen while removing blemishes, yet never removing any more material than necessary. Guided by an artistic vision, he expertly revealed the lovely patterns--particularly in highly figured minerals with concentric banding, such as the rhodochrosites seen in this catalogue. To this end, he fashioned special saws and grinding equipment that could handle cutting and polishing the large specimens he collected. Many minerals in the Hauser collection are from localities that are no longer accessible or producing. And those that are, no longer yield the large, high-quality ornamental gem materials seen here. Many of his specimens were donated to GIA in Carlsbad, CA, to inspire future generations of rock hounds. The designation of which minerals originate from this collection is available in the online version of this catalogue.

2058 PAIR OF AGATE CROSS-SECTION SLICES

En suite with an agate slice sold previously by Bonhams last December 2016, the present large agate, having great translucency and some cavities which are lined with druzy quartz crystals. *Diameters approximately 19 to 20 in*

\$3,000 - 4,000

Please note that these slices are part of the same geode which was offered as lot 166, sale 23475 sold on December 7 2016 <http://www.bonhams.com/auctions/23475/lot/166>

2059 AGATE AND ART GLASS LAMP SHADE WITH WOODEN BASE

Comprising over two dozen agate slices from Brazil and Mexico, interspersed with purple glass panels having a frost pattern, in the leaded lamp shade. The custom-made wooden lamp base, hand-fabricated by a California artist. *Height 24 in*

\$500 - 700



2059



2060



2061



2062

2060

PENGUIN MOTHER AND OFFSPRING BY PETER MUELLER

Carved in Brazil, depicting a penguin mother and offspring carved of smoky quartz with white agate bellies, with black agate beaks. The gold vermeil feet resting upon a base of pink tourmaline and clevelandite. The sculpture rests upon a base of black acrylic. *Measuring 9 1/2 x 7 x 8 3/4 in*

\$1,500 - 2,000

2061

GROUP OF TWENTY-THREE AGATE SLABS OR GEODES

Brazil and Mexico
Featuring a geode end-piece with red center and concentric banding, *length 4 1/4 in*; as well as several other end pieces and numerous agate geode slices. (23)

\$1,000 - 1,500
To be sold without reserve

2062

BLACK AND WHITE CARVING OF A PANDA

Idar-Oberstein, Germany
Most likely carved during the 1960s, The panda carved of white and black agate, holding a branch carved of agate, seated on a base of Australian chrysoprase. *Measuring 7 x 5 x 5 3/4 in*

\$1,000 - 1,500



2063

2063
LARGE THUNDEREGG SPLIT NODULE

*Early Tertiary
 Northeastern Oregon*

The Blue Mountains of Northeastern Oregon hold a variety of dominant geologic features such as the extensive and voluminous Columbia River basalt flows. In a specific locality, the underlying series of Early Tertiary (65 to 60 million-year-old) rhyolitic volcanic flows have been exposed, yielding exceptional thundereggs. These spherical masses, normally ranging in size from less than an inch to four feet in diameter, are typically the size of a baseball. When halved and polished, they may reveal exquisite, colorful patterns. The present offering is of large size for a thunderegg, the center of the geode having an interior of grey chalcedony with boytryoidal growth, and agatized borders polished to a bright finish and natural surface to the exterior of the nodule left remaining. *Each side measuring 10 1/2 x 9 x 4in*

\$600 - 800
To be sold without reserve



2064

2064
GROUP OF THIRTY HAUSER BED AGATES

Hauser Agate Beds, San Bernadino County, California

Featuring a fine agate geode half having druzy quartz to the center of the geode and agatized borders, *length 5in*; together twenty-nine agates and thundereggs from the same locality. (30)

\$1,000 - 1,500



2065



2066



2067



2068

2065

BANDED CARNELIAN AGATE BOWL

Brazil

Carved in the traditional Chinese manner with a fluted pattern and having incredible thinness to the sides. This attractive bowl shows a high degree of concentric banding in the agate. *Diameter 5 1/2 in. Height 2 1/2 in*

\$1,000 - 1,500

2066

BANDED AGATE BOWL

Brazil

Carved in the traditional manner and beautifully polished, showing excellent thinness to the sides to best exhibit the concentric banding of the mineral. *Diameter 5 3/4 in*

\$600 - 800

To be sold without reserve

2067

CARVED AGATE DAGGER HANDLE

India

Carved of banded agate, with classic decoration of floral and foliate motifs. At the termination of the handle is a carved and incised egg-form with a peacock. *Measuring 5 1/2 in*

\$2,000 - 3,000

2068

BANDED AGATE CARVING OF A FISH

Idar-Oberstein, Germany

Carved from a single specimen of banded agate, with great thinness to the fins to produce the maximum amount of translucency. With two round brilliant-cut diamonds, together weighing approximately 0.20 carats, rimmed in 18K yellow gold. *Height 4 3/4 in*

\$3,500 - 4,500

To be sold without reserve



2069



2070



2071

2069

CARNELIAN CARVING OF KOI IN A POND ON CUSTOM WOOD BASE

Carved from a single piece of Brazilian agate, depicting four koi situated upon a lotus leaf, with great translucency to the brown agate. Offered on a custom-fitted wooden base. *Agate measures 10 x 7 x 2 1/2in. Height with base: 5 1/2in*

\$2,000 - 3,000

2070

CARNELIAN AGATE CARVING OF A DRAGON ON WOOD BASE

Carved of Brazilian agate, the present object depicts the classic image of a Dragon and the Flaming Pearl. As with all such carvings, the artist has utilized natural variations in the original agate specimen to highlight certain areas in the design. Raised on a carved, custom-fitted wooden base. *Measuring 6 3/4 x 5 3/4 x 3 1/2in*

\$500 - 700

To be sold without reserve

2071

TWO GEMSTONE CARVINGS DEPICTING HORSES

Designed as a pair of galloping horses, carved from a single piece of grey agate with brown highlights, having good translucency at the edges. Raised on a custom-fitted wooden base. *Height with stand: 7in ; together with an obsidian carving of two horses galloping on a landscape. Length 5in. (2)*

\$1,500 - 2,000



2072

2072

LARGE AGATE CARVING OF BUDDHA ON WOOD BASE

Carved from a large single boulder of agate, the present carving makes excellent use of the natural color variations in the mineral. Exhibiting excellent polish. *Measuring 12 1/2 x 14 x 7in*

\$2,000 - 3,000



2073

2073

MULTI-COLOR AGATE CARVING OF A HORSE

Carved in the traditional Chinese manner, the stylized horse utilizes the natural color variations inherent in the multi-color agate, namely black, deep grey and brown, polished to a mirror bright finish. *Measuring 5 x 6 x 2 1/4 in*

\$1,000 - 1,500



2074



2075

2074

AMAZONITE SPECIMEN FROM A RARE LOCALITY

Gilgit, Pakistan

This large, decorative specimen of amazonite is notable for its large, robust intergrown crystals and strength of color. The Pakistani deposit of amazonite is little-known in the West. *Measuring 14 x 9 x 7 1/2 in*

\$4,000 - 6,000

2075

AMAZONITE

Brazil

This is an impressive and powerful specimen of amazonite--a hexagonal point, most likely with repolished faces, having relatively homogenous color throughout. Sure to make a dramatic statement in any interior. *Height 14in*

\$2,500 - 3,500

2076

GROUP OF FOUR AMAZONITES

From Colorado and other localities: the first, with a cluster of smoky quartzes, *length 2 in*; the second with associated smoky quartz as well; the third, an amazonite with bright color, and the fourth with white matrix. (4)

\$500 - 700

To be sold without reserve



2076



2077

**2077
RED AMBER SPECIMEN**

Burma

A large and impressive specimen having a distinctly red body color visible particularly at the edges of its convoluted surface. Suitable for use as a "contemplation stone". *Measuring 8 x 5 x 2 1/2 in*

\$2,000 - 3,000



2078

**2078
AMBER SPECIMEN ON WOODEN BASE**

A large specimen, having excellent transparency, particularly at the edges. Lightly polished on all surfaces to reveal the plethora of insect inclusions-- with primarily ants but other species are discernable as well. *Offered with a removable wooden base. Weighing 999.5 grams. Height 10in*

\$1,500 - 2,000

**2079
GREEN AND RED AMBER AND
TURQUOISE BEAD NECKLACE**

Chiapas, Mexico

A single-strand bead necklace consisting of free-form polished amber beads of high transparency having distinctly red overtones to some beads and green to others as well as a green fluorescence, the beads graduating in size from 35.24mm to 16.94 mm, centering on a Chinese turquoise bead, *weighing approximately 130.0 grams, length 26in.*

\$1,000 - 1,500



2079



2080



2082 (under UV fluorescent light)



2081

2080

LARGE AMBER SPECIMEN WITH ANTS

A large specimen, polished on all surfaces, to reveal the high degree of transparency particularly around the edges the ant, spider and other insect inclusions standing out in high relief against the background of amber. With literally hundreds of ants visible. *Weighing approximately 739.6 grams. Height 6 1/2in*

\$1,200 - 1,500

2081

GEM ORANGEY-RED FACETED AMBER (“BURMITE”)

Hukawng Valley, Northern Kachin State, Burma

Once thought to be about the same age as Mexican amber, it was recently found that Burmite is much older--at least 100 million years old--or dating to the Cretaceous period. Other ambers that are used for jewelry or carvings are much younger, typically dating to the Tertiary period. Possibly because of its age, burmite is harder than other ambers, and it takes a very high polish. The present very large example, of even brownish orange hue the color of ale, has been faceted as a fine cushion-shaped stone faceted to reveal its high degree of transparency and luster. *Weighing approximately 30.98 carats and measuring 28.5 x 27.8 x 16.5 mm*

\$3,000 - 5,000

2082

LARGE AND IMPRESSIVE GREEN AMBER NECKLACE WITH BLUE FLUORESCENCE

Chiapas, Mexico

A graduated bead necklace, consisting of 28 spherical beads, graduating in size from 33.5mm to 14.62mm, having a greenish body color and vivid blue fluorescence, *weighing approximately 174.0 grams. Completed by a silver clasp. Length 25in*

\$1,200 - 1,500



2082



2083

2083

NEON BLUE APATITE BEAD NECKLACE

A three-strand necklace comprising flat polished beads of neon blue apatite having very good transparency, weighing approximately 515.35 carats, completed by a high-karat gold hook-clap, length 18 1/2in

\$1,000 - 1,500

2084

EXCEPTIONAL APATITE

Madagascar

Neon blue, in a color which would be dubbed "Paraiba" if it were a tourmaline, this exceptional apatite has been faceted as an oval-cut with simple facets to reveal the beauty of its high clarity. Weighing approximately 11.75 carats and measuring 17.39 x 12.34 x 8.62mm

\$7,000 - 9,000



2084



2085

2085

ANTIQUE ARAGONITE INLAID BOX

*Karlovy Vary, Czech Republic
circa 1900*

The mineral-rich waters of Karlsbad produced layers of aragonite sediment often used for decorative purposes. This souvenir box was probably sold to a German tourist to the region. The hinged lid inlaid with a floral and foliate motif entirely created of slices of aragonite sourced from the mineral rich waters of Karlsbad. Engraved to the center with the words Karlsbad. Decorated with small accents of malachite. The four corners and edges, trimmed with metal. The burlwood box lined with silk. *Measuring 13 x 4 x 3 1/2 in*

\$1,000 - 1,500



2086

2086

AZURITE "ROSE"

La Salle, Utah

Discovered in the 1980s, this floater, known in the mineral hobby as a "rose", with no apparent point of attachment, is an attractive cabinet-sized specimen with a lustrous cluster of intergrown crystals, and minor malachite to the reverse side. *Measuring 2 1/2 x 2 1/2 x 1 in*

\$400 - 600

To be sold without reserve

2087

GROUP OF SIX AZURITES

Including a half nodule, *Chessy-les-Mine, Rhone, France*; an azurite on malachite, *Morocco*; an azurite "sun" on kaolinite, *Malbunka Copper Mine, Western Aranda Country, Northern Territory, Australia*; an azur-malachite, *China*; and another azurite; and a small cluster of azurite crystals, *Bisbee, Arizona, length 1 1/2 in.* (6)

\$600 - 800

To be sold without reserve



2087



2088

2088

GROUP OF TEN AZURITES

Including several cross-section slices of a nodule, possibly from Bisbee, Arizona; as well as other azurites from various world localities. *Length of longest slab: 5 1/2 in (10)*

\$1,500 - 2,000

To be sold without reserve

2089

AZURITE SPECIMEN

Bisbee, Arizona

A classic for the region this large cabinet-sized specimen which exhibits a scintillating carpet of rich blue crystals, over layers of cerulean blue, with botryoidal growth formation evident. *Measuring 6 x 4 x 1 3/4 in*

\$600 - 800

To be sold without reserve

2090

GROUP OF FOUR CRYSTALLIZED AZURITES

Two specimens with an association of chatoyant malachite, *length 2 1/4 in*; another that is a cluster of dark crystals, *measuring up to 1 1/4 in in length*, and the last having a scattering of bright blue crystals with vitreous luster. (4)

\$1,000 - 1,500

To be sold without reserve

2091

CONTOUR POLISHED LARGE AZURITE SPECIMEN

Bisbee, Arizona

Polished by Joel Hauser.

This is a very large specimen of azur-malachite, entirely contour polished to the face, and still with the rough boulder surface to the reverse side. Such large specimens of the material can no longer be found on the market. *Measuring 11 x 8 x 3 1/2 in*

\$5,000 - 7,000

Provenance: Ex. Collection of Joel and Barbara Hauser.



2089



2090



2091



2092

**2092
GROUP OF SIXTEEN BARITES, CELESITES, AND SELENITES**

World Localities

Including a large golden barite, *China, length 9 in*; a blue barite, *Romania*; a selenite pincushion, *Mexico*; a golden barite, *Nevada*; an epidote; a kyanite in matrix; and two celestites. (16)

\$1,000 - 1,500

To be sold without reserve

2093

BERYL VAR. AQUAMARINE

Brazil

A pastel blue aquamarine, oval cut with a fancy pavillion, characterized by its high degree of transparency and luster. *Weighing approximately 24.86 carats and measuring 21.23 x 17.60 x 12.6mm*

\$1,000 - 1,500

2094

BERYL VAR. AQUAMARINE

Brazil

A cushion-shaped stone displaying excellent clarity and luster and a bright sea blue color.

Weighing approximately 48.5 carats and measuring 28.0 x 19.0 x 12.0mm

\$1,200 - 1,800

2095

AQUAMARINE BEAD NECKLACE

Brazil

A stunning necklace with a contemporary “vibe” due to the assymetrical faceting of the natural aquamarine beads, *weighing approximately 1020 carats. Length 23in*

\$2,000 - 3,000

2096

BERYL VAR. AQUAMARINE

Brazil

A large, well-faceted sea blue aquamarine having excellent clarity for the species. *Weighing approximately 79.0 carats and measuring 33.0 x 22.0 x 14.0mm*

\$1,500 - 2,000

2097

LARGE BERYL VAR. AQUAMARINE

Brazil

Faceted as a large cushion-shaped stone of high clarity with a pleasant sea blue color. *Weighing approximately 58.0 carats and measuring 28.0 x 22.0 x 13.0mm*

\$1,200 - 1,500



2093



2094

2095



2097



2096



2098



2099

2098
AQUAMARINE CARVING OF A FEMALE FIGURE

Idar-Oberstein, Germany

Depicting a nude female figure, engulfed by waves, the sea blue color of the aquamarine suggesting the ocean scene. This is a high-quality German carving of high transparency. *Unsigned.*

Weighing approximately 670.5 carats (134.1 grams). Measuring 3 x 2 1/2 x 1 1/4 in

\$5,000 - 7,000

2099

LARGE BERYL VAR. AQUAMARINE

Brazil

A fine aquamarine, faceted as a cut-cornered rectangular-cut, having a well-saturated sky blue color and excellent luster. Aquamarines of this size are uncommon in the market today. *Weighing approximately 36.44 carats and measuring 31.58 x 14.48 x 10.54mm*

\$4,000 - 6,000

2100

EXCEPTIONAL AND LARGE AQUAMARINE--"A MEMBER OF THE 100 CARATS CLUB"

Brazil

Characterized by its exceptional clarity, this vibrant blue aquamarine has excellent luster. The color is well-saturated and has a complete absence of yellow. *Weighing approximately 134.85 carats and measuring 36.00 x 28.01 x 18.76mm*

\$12,000 - 15,000

2101

AQUAMARINE CARVING--"POSEIDON WRESTLING AN OCTOPUS"

Russia

Carved in Russia by a contemporary master of Lapidary Works of Art, the original rough aquamarine crystal from Africa from which it was carved weighed over 30,000 carats. This is a lapidary carving which rivals those created in Idar-Oberstein, Germany. A dramatic composition depicting Poseidon, the Sea God, in combat with a giant octopus, his silver knife poised to slay the creature. Raised on a rock crystal base, with a matte, frosted finish. Set with mother-of-pearl eyes. *Weighing approximately 16,459.5 carats (3291.9 grams). Measures 11 x 6 x 7 in*

\$70,000 - 90,000



2100



2101



2102

2102

PAIR OF AQUAMARINE HUMMINGBIRDS BY PETER MUELLER

Brazil

Each bird carved of translucent aquamarine, with carnelian beaks and rubellite cabochon eyes, with gilt metal feet perched upon a quartz crystal cluster with radiating crystals of good transparency. *Height 4 1/2 in*

\$1,000 - 1,500

2103

BERYL VAR. AQUAMARINE--"A MEMBER OF THE 100 CARATS CLUB"

Minas Gerais, Brazil

This large, fine oval-cut aquamarine is virtually optically clear--an occurrence which is very rare in beryl. Suitable for mounting as an impressive pendant or to be retained as a cabinet specimen to be shown and admired. *Weighing approximately 174.51 carats and measuring 42.92 x 31.15 x 21.39mm*

\$14,000 - 18,000



2103

2104

EXCEPTIONAL MORGANITE OF LARGE SIZE--"A MEMBER OF THE 100 CARATS CLUB"

Ethiopia

From an unusual locality, this very large morganite has very high transparency for the species. But most notable is the character of its color which combines the equal distribution of orange-pink which, if this were a sapphire, might be termed: "Padparadscha". *Weighing approximately 146.5 carats and measuring 42.14 x 27.34 x 21.86mm*

\$5,000 - 7,000

2105

MORGANITE BEAD NECKLACE

Brazil

Comprising three strands of rondel-form beads, *gradating from 9.2 to 6.01mm*, of bright pink color, excellent clarity and polish, completed by an 18K white gold clasp, accented with small round diamonds, *length 15 1/2 in.*

\$1,500 - 2,000



2104

2106

LARGE MORGANITE BRIOLETTE DROP

A large faceted drop-shaped bead having a delicate pastel pink color, with good luster, suitable for mounting as a pendant. *Weighing approximately 206 carats and measuring 62.0 x 26.0 x 20.5mm*

\$1,000 - 1,500

To be sold without reserve



2105



2106



2107

2107

EMERALD ON MATRIX

Muzo Mine, Boyacá Department, Colombia

A large well-formed hexagonal crystal of emerald having a lustrous termination and faces, attached to a matrix of white quartz, black schist and pyrite. The crystal itself measuring 1 1/4 inches in length. *Measuring 2 1/4 x 1 3/4 x 1 1/2 in*

\$1,800 - 2,200

2108

BERYL VAR. EMERALD CABOCHON

Zambia, Africa

A large oval cabochon of deep, rich green having a minor aspect of chatoyancy or cat's eye effect across the dome. *Weighing approximately 52.45 carats and measuring 25.06 x 19.93 x 14.59mm*

\$1,000 - 1,500

Accompanied by an American Gemological Laboratories report number CS 1078571 dated October 3, 2016 stating that the emerald cabochon of 52.45 carats is a natural emerald and that it shows only a moderate amount of traditional (oil type) clarity enhancement.

2109

LARGE EMERALD IN MATRIX SPECIMEN ON STAND

Bahia, Brazil

This is a large and impressive emerald cluster in matrix consisting of a multitude of rich, green emerald crystals embedded in matrix. Mounted on a custom-made steel spinner base which has been acid washed and copper stained. *Measurement 65 x 24 x 24 in*

\$10,000 - 15,000



2108



2109



2110

2110

EXCEPTIONAL DOUBLE-TERMINATED EMERALD CRYSTAL

Chivor Mine, Boyaca, Colombia

This is as fine a double-terminated emerald crystal as can be found. Gemmy and of water-clear transparency at the top, with a lustrous termination, of overall hexagonal growth, with striated sides, and the base double-terminated as well. A fine example for the serious collector. *Weighing approximately 30.41 carats (6.1 grams) and measuring 1 3/8 x 3/8 x 3/8in*

\$12,000 - 15,000

2111

FINE EMERALD

Ethiopia

From a new but very limited deposit, this is a fine cushion-shaped, unenhanced emerald of medium green color, having very good transparency and luster for the species. Emeralds which show no evidence of any enhancements or treatments are very rare in today's market. *Weighing approximately 5.82 carats and measuring 13.69 x 9.01 x 7.09mm*

\$8,000 - 10,000

Accompanied by an American Gemological Laboratory report number 8085806 dated February 14, 2017 stating that the 5.82 carats emerald show no indications of clarity enhancement.

2112

LARGE EMERALD CRYSTAL ON MATRIX

Muzo Mine, Boyacá Department, Colombia

A classic for the region, this is a very large emerald crystal of robust proportions having associated dolomite crystals and black schist. *Measuring 2 x 1 3/4 x 1 1/2 in*

\$15,000 - 20,000



2111



2112



2113



2114



2115

2113

TWO ORANGE CALCITE BOWLS

Madagascar

Each of free-form outline, with deep sides, highly polished with bright orange color, variegated with white. (2) *The longest one measures 14 3/4 in*

\$500 - 700

To be sold without reserve

2114

TWO CALCITE STALACTITES

China

A highly aesthetic cave stalactite of branching form, *measuring 5 x 4 x 3in*; together with second larger one having a slightly pink color, *measuring 6 x 6 x 5in*. (2)

\$600 - 800

To be sold without reserve

2115

GROUP OF TWENTY-THREE CALCITES

World Localities

Including a double terminated calcite from Elmwood, Tennessee, *height 5 1/2 in*; several manganocalcite examples, one with hematitic inclusions and another with chalcopyrite druze. (23)

\$1,000 - 1,500

To be sold without reserve

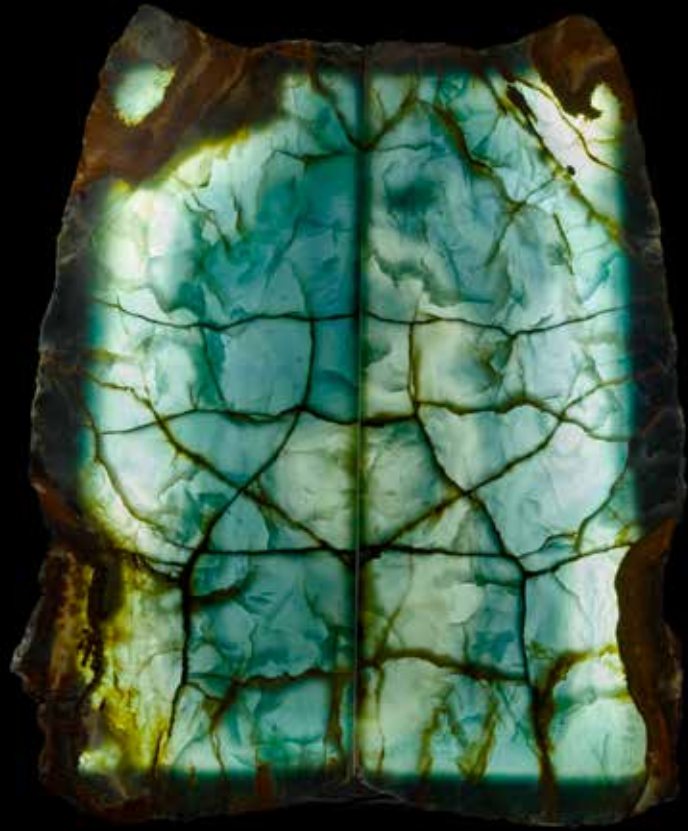
2116^w

**BOOK-MATCHED PAIR OF ILLUMINATED
BLUE CALCITE SLABS**

Argentina

Originating from high in the Andes Mountains of Argentina, to our knowledge this is the largest pair of slabs to have been fashioned from this material. Since there is only a small vein of this unusual natural blue Calcite and most of the “mining” consists of collecting boulders near the surface. Reminiscent of aquamarine in color, but of a stronger, more vibrant shade of blue with intricate veining throughout. The quality of translucence when the panels are back lit provides an inner glow. The edges of the boulder have been left natural without being polished. These panels would create a stunning conversation piece in any corporate or residential interior. *Measuring 45in x 38in x 4in (114cm x 96cm x 10cm)*

\$10,000 - 12,000



2116

2117

IMMENSE BLUE CALCITE BOWL

Argentina

Originating from high in the Andes Mountains of Argentina, where there is only a small vein of this unusual natural blue Calcite and most of the “mining” consists of collecting boulders near the surface. Reminiscent of aquamarine in color, but of a stronger, more vibrant shade of blue. This is an “artist’s proof” bowl which has no equal in the marketplace--it is simply the finest, largest blue calcite bowl to reach the market since the onset of mining in this region. *Measuring 19 1/4 x 8in (48 x 20cm)*

\$10,000 - 15,000



2117



2118



2119



2120

2118

VERY LARGE CALCITE SPECIMEN

Mexico

This large and showy specimen display specimen contains innumerable scalendrohedral calcite crystals across its expansive surface. The entire specimen is suffused with a light pink glow.

Measuring 26 x 18 in

\$2,500 - 3,500

2119

MANGANOAN CALCITE

China

An impressive intergrown cluster of calcite crystals, the largest of which measures up to 6 inches across, with delicate pink color. Sure to form an impressive display in any residential or corporate interior.

Weighing approximately 107 lbs. Height 23 x 15 x 8in

\$1,500 - 2,000

2120

GROUP OF THREE CAVANSITES

Poona, Wargholi, India

The first, a cluster with three well-formed spherules on matrix, the second with one spherule and the third, with a scattering of smaller crystals, *measuring 4 1/2 x 3 x 1 1/2 in (3)*

\$800 - 1,200

To be sold without reserve



2121

2121
PURPLE CHALCEDONY OWLS BY LUIS ALBERTO QUISPE APARICIO

The rectangular base formed of a slab of jasper with a dramatic pattern of large yellow circles, supporting a gold vermeil branch with a purple chalcedony owl with offspring, each with cabochon opal eyes. The owls are carved from a single specimen of bright purple chalcedony. *Measuring 9 1/4 x 9in*

\$3,500 - 5,500



2122

2122
RED CHALCEDONY, NEPHRITE AND QUARTZ FLOWER STUDY--"THUNBERGIA"

Rendered in the style of Faberge, each flower head carved of red chalcedony, with faceted yellow sapphires to the center, rimmed in 18K yellow gold. With polished Russian nephrite leaves, on an 18K yellow gold stem, removable from the rock crystal quartz vase which is rimmed in gold. *Height 5in*

\$4,000 - 6,000



2123

2123
BLUE CHALCEDONY CARVING OF A RABBIT

Malawi

Carved as a *bas relief* from a single nodule of blue chalcedony showing very good translucency: the rabbit eating a carrot, the carrot with particularly strong blue color. the reverse side is polished.

Measuring 4 3/4 x 3

\$300 - 500

To be sold without reserve



2124



2125



2126



2127

2124

AMERICAN CHRYSOCOLLA CARVING OF A BIRD WITH FLOWERS

Globe, Arizona

Depicting a stylized Phoenix bird with a long tail perched on a branch with flower head. The translucency of the chrysocolla is astonishingly good, with candle at all the edges and a vivid blue color. *Height 4in*

\$2,000 - 3,000

2125

GEM SILICA CHRYSOCOLLA

Peru

A rare stone from the copper mines of Peru, the premier source for the material. Chrysocolla has an attractive blue-green that provides a unique color to the gem world as it forms in the oxidation zones of copper rich ores. When chrysocolla "agatizes" in chalcedony quartz it is then called "gem silica chrysocolla", with the quartz component providing the stone its polish and durability. Vivid blue, this well-formed gem silica pear-shaped cabochon has excellent polish and some "candle" to the edges. *Weighing approximately 22.05 carats and measuring 24.21 x 14.32 x 10.17mm*

\$1,800 - 2,200

2126

CHRYSOCOLLA AND MALACHITE

Democratic Republic of Congo

A large and impressive display specimen which exhibits classic botryoidal growth structure, transitioning from chrysocolla to malachite with brilliant color. *Measuring 8 1/4 x 4 1/2 x 3 1/2 in*

\$1,500 - 2,000

2127

TWO DRUSY CHRYSOCOLLAS AND TWO HEMIMORPHITES

Including a drusy chrysocolla on matrix with bright blue spherules, *Chile*, measuring 4 x 3 1/4 x 1 1/4in; another drusy chrysocolla; a hemimorphite, *China*; and another hemimorphite, *Mexico*. (4)

\$1,000 - 1,500

To be sold without reserve



2128

IMPRESSIVE CHRYSOCOLLA-MALACHITE BOULDER

Peru

Contour polished on the front and sides to reveal the rich hues of vivid blue with variations in color transitioning to bright green malachite.

Lightly polished on the back. *Weighing approximately 55 kilos.*

Measuring 17 x 8 x 15 in

\$9,000 - 12,000



2129



2130



2131



2132

2129

CHRYSTOPRASE CARVING DEPICTING HORSES

Marlborough, Australia

Carved to the front in *bas relief* with fine rich green graduating in color from left to right, depicting three galloping horses running among waves. With a dragon motif to the top of the composition and natural brown matrix to the reverse side of the specimen. *Measuring 5 1/4 x 4 1/2 x 2 1/2 in (13 x 11 x 6cm)*

\$800 - 1,200

2130

CHRYSTOPRASE CARVING OF A GROUP OF ELEPHANTS

Marlborough, Australia

Carved from a single piece of fine quality, bright green chrysoprase, depicting three elephants in a landscape. *Measuring 4 x 2 3/4 x 2 1/2 in*

\$600 - 800

2131

GROUP OF FOUR CHRYSTOPRASE CARVINGS OF OWLS

Marlborough, Queensland, Australia

Each depicting an owl in a slightly different pose, all carved of gem grade or near-gem grade chrysoprase having some translucency at the edges (4). *Largest measuring 2 1/4 x 1 3/4 x 1 1/4 in*

\$400 - 600

To be sold without reserve

2132

THREE CHRYSTOPRASE CARVINGS OF ELEPHANTS

Marlborough, Australia

Consisting of two small elephants and one medium-sized elephant, each carved of bright green chrysoprase. *Largest measures height 2 1/4 in*

\$1,200 - 1,500



2133



2134

2133

CALCITE ON MATRIX

Elmwood, Tennessee

A classic for the region, with well-defined terminations, some matrix to the left side and a trace of sphalerite to the reverse side. *Measuring 7 1/2 x 5 x 4in*

\$400 - 600

To be sold without reserve

2134

TEN MINERALS FROM WORLD LOCALITIES

Including three Cobaltian Calcites, *Morocco*; a lepidolite, *Madagascar*, height 2 3/4 in; another lepidolite, *Minas Gerais, Brazil*; a Kammererite, *Turkey*, height 1 3/4 in; rosalite, *Morocco*; and a vesuvianite, *Mt. St. Hilaire, Quebec*; a Erythrite, *Morocco*, and others. (10)

\$800 - 1,200

To be sold without reserve



2135

2135

GROUP OF SEVEN CALCITES

Including a calcite and barite on fluorite, *Sub-Rosicaire Level, Minerva #1, Cave in Rock Dist., Hardin County, Illinois*, measuring 5x 4 x 3in, on a custom fitted acrylic stand; and six various other calcites. (7)

\$700 - 1,000

To be sold without reserve



2136

**IMPRESSIVE NATIVE COPPER
SPECIMEN ON CUSTOM STAND**

Keewinaw, Upper Peninsula, Michigan

This highly aesthetic specimen is a natural "floater" piece has a glacial tear as it was unearthed by the huge glacier receding to the North. Mounted in a custom contoured steel stand which was acid stained in a copper finish to compliment and highlight the piece. *Measuring 66 x 20 x 18in*

\$12,000 - 15,000



2137



2138

2137

LARGE COPPER SPECIMEN

Djezkazgan, Kazakhstan

With its beautiful patina and arborescent form, this is an impressive display specimen. *Measuring 14 1/2 x 5 x 2in*

\$2,500 - 3,500

2138^Y

TWO BLACK CORAL SPECIMENS

Hawaii

Obtained in the 1950s, this lot features a very large, polished branch of black coral of immense proportions, *length 21 in, circumference at the base 7 1/2 in.*; together with a smaller branch, mounted on a circular wooden base, *height 9in.* (2)

\$1,200 - 1,500

To be sold without reserve



2139



2140



2141

2139^Y

CORAL CARVING OF A FISH

Composed of small sections of bright orange coral, known in the trade as *Momo* coral from the coast of Japan with carved fins, and white and black agate eyes. Raised on a removable slab of Michigan fossil coral known as "Petosky stone". *Length 11 1/4in*

\$3,000 - 5,000

2140^Y

LARGE BRANCH CORAL ON WOODEN STAND

Carved in the traditional Chinese manner, this is a large branch of medium orange coral, known in the trade as *Momo* coral from the coast of Japan, with three female figures and a water dragon emerging from the water. Raised on a wooden base. *Measuring 10 1/2 x 8 1/4in*

\$3,000 - 4,000

2141^Y

RED CORAL BRANCH ON WOODEN STAND

Corallium elatum
Carved in the traditional Chinese manner, depicting a Quanyin and infant carved of deep red coral. Raised on a wooden stand. *Height 7 1/4 in*

\$2,500 - 3,500



2142^Y

ANTIQUÉ CORAL NAGA SCULPTURE

India

Exquisitely carved antique red coral statue of Devi (Goddess) with Naga (Cobra) possibly from Southern India, possibly 17th century or older. Carved from a single piece of red coral, weighing approximately 1.4 kilograms, the black coral base possibly a later addition.

Statue was previously owned by an important aristocratic family in Rome, Italy and was examined and purported to be in the family for many generations. It is unique as there have been not many surviving examples of similar work from India and it bears striking iconographic similarities to the much older Chola bronze traditions from the 7th century and could be a later copy of the same. *Height 15 in*

\$70,000 - 90,000

Provenance: Previously from the Collection of Baronessa Muzi Falcone, Italy



2143



2144

2143

MONTANA COVELLITE ROUGH SPECIMEN

Leonard Mine, Butte, Montana

Covellite was originally named in 1832 by Francois Sulpice Beudant in honor of Niccolo Covelli (1790-1829), an Italian mineralogist and discoverer of the mineral at Mount Vesuvius. The present specimen is large for the species. It was found circa 1940 in the mining district of Butte, Montana. Iridescent blue and purple with gold flecks its luster is metallic and the specimen has great heft. This is a rare specimen from a mine that is now long closed. *Weighing approximately 17 lbs and measuring 9 1/2 x 7 x 4in*

\$2,000 - 3,000

2144

RARE MONTANA COVELLITE CARVING DEPICTING DOLPHINS

Butte, Montana

Carved by San Diego artist, Shan Gim Wang, circa 1970 from rough obtained from 1940s rough, depicting dolphins frolicking in the waves, this rare mineral has a characteristic blue color and metallic luster. *Length 8in*

\$1,500 - 2,000

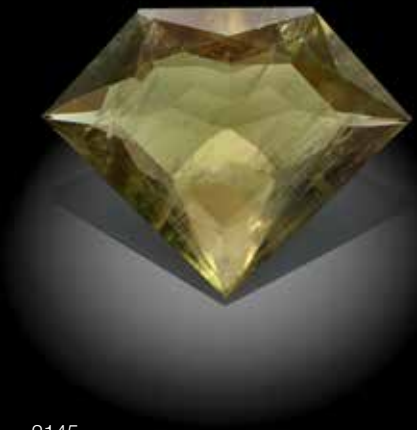
2145

RARE, LARGE DIASPORE

Turkey

Faceted in a novel fashion as a shield-shape, the size and spread of the stone would ideally lend itself to being mounted as a pendant. The rich leaf-green hue is characteristic for this species. *Weighing approximately 28.72 carats and measuring 29.08 x 22.79 x 8.36mm*

\$1,200 - 1,500



2145



2146



2147

2146

GROUP OF EIGHT DIOPTASE SPECIMENS

Tsumeb, Namibia

The first, having an excellent carpet of scintillating crystals, *measuring 3 1/4 x 2 1/4 x 1 1/4 in*; the together with seven other diopside specimens. (8)

\$700 - 1,000

2147

EUDIALYTE INTARSIA BOX BY KONSTANTIN LIBMAN

Fabricated in Russia by an expert lapidary artist this box is made of panels of eudialyte, a rare Russian mineral. The hinged lid opens to reveal borders of black dolorite, and a Spanish cedarwood lined interior. *Numbered 0552. Offered in a custom-fitted wooden presentation box for transport. Measuring 5 3/4 x 3 1/4 x 1 3/4 in*

\$2,000 - 3,000

2148

GROUP OF TWENTY-SIX FLUORITES

World Localities

Including a green fluorite from China, *length 5 1/2 in*; a yellow spherical fluorite, *India*; red fluorite, *India*; and various purple and yellow fluorites. (26)

\$1,500 - 2,000

To be sold without reserve

2149

COLOR-SHIFT FLUORITE

This highly transparent fluorite has been faceted as modified cushion-cut. The color is teal green in certain lighting conditions and blue in others. *Weighing approximately 38.51 carats and measuring 21.14 x 17.38 x 11.77mm*

\$900 - 1,200

To be sold without reserve



2148



2149



2150



2151



2152



2153

2150
LARGE GREEN FLUORITE

China
A large and impressive plate of intergrown, bright green crystals with moderate luster. *Measuring 13 x 10 x 3 1/2 in*

\$800 - 1,200
To be sold without reserve

2151
BANDED FLUORITE BOWL AND A ROCK CRYSTAL QUARTZ CARVING OF A FISH

The small footed bowl, carved of banded purple and green fluorite from China, *height 3 in*; together with a rock crystal quartz carving of a fish, with both polished and matte finish. *Height 6in (2)*

\$400 - 600
To be sold without reserve

2152
GROUP OF TWENTY-FIVE FLUORITES

Worldwide Localities
Including a yellow fluorite, *Moscona Mine, Solis, Asturias, Spain*; numerous green or purple fluorites from China; a green fluorite on matrix, *Reimvasmaak, Northern Cape Province, South Africa*; and a prehnite, *Erongo, Namibia. (25)*

\$1,500 - 2,000
To be sold without reserve

2153
PURPLE FLUORITE

Elmwood Mine, Carthage, Tennessee
A classic for the region, comprising a large, complex cubic crystal of rich purple fluorite, on a matrix of sphalerite. *Measuring 3 x 2 1/2 x 2 1/4in*

\$400 - 600
To be sold without reserve



2154



2154A

2154

GREEN FLUORITE

Rogerley Mine, Rogerley Quarry, Frosterley, Weardale, North Pennines, Co. Durham, England

An attractive cluster of intergrown crystals with complex stepped formation. The green fluorites form a "ribbon" over the top of the matrix in mound formation below. *Measuring 3 1/2 x 2 1/2 x 3 in*

\$600 - 800

To be sold without reserve

2154A

PURPLE FLUORITE

Cave-in-Rock District, Hardin County, Illinois

A mineral classic, this is an aesthetic plate of intergrown cubic, purple fluorite crystals of fairly large size, displayed free of its matrix. *Measuring 6 1/2 x 6 x 1 1/2 in*

\$500 - 700

To be sold without reserve



2155

Offered on a custom-made acrylic base with locality name.

2155

GROUP OF FIVE PURPLE FLUORITES

Including a purple fluorite on matrix, *China, length 5 in*; a purple fluorite, *Mexico*; and three others. (3)

\$1,000 - 1,500

To be sold without reserve

2156

GROUP OF SEVEN BLUE FLUORITES

The first, *Yaogangxian Mine, Hunan Province, China*, having bright blue transparent intergrown crystals on matrix, *length 3 in*, *Offered on a custom-fitted and engraved acrylic base*; together with a double-sided specimen with pastel bluish green crystals to both sides on white matrix, *China, measuring 7 x 7 x 2 in*; and three other fluorites from *China* and one from *Bingham, New Mexico, length 6 in* (7)

\$1,500 - 2,000

To be sold without reserve



2156



2157

2157

GROUP OF FIVE FLUORITES FROM VARIOUS LOCALITIES

World Localities

Including a pastel blue cushion-shaped fluorite from New Hampshire, weighing approximately 11.51 carats and measuring 18.1 x 9.52 x 7.7mm; an oval-cut colorless fluorite, weighing approximately 31.47 carats and measuring 20.18 x 17.78 x 13.16 carats; an emerald-cut light green fluorite from Zimbabwe, weighing approximately 8.94 carats and measuring 13.24 x 10.22 x 8.34 mm; a peach-pink fluorite from Zimbabwe, weighing approximately 18.50 carats and measuring 14.4 x 13.8 x 12.6 mm; and a fancy-cut, shield shape pastel pink fluorite from Paksitan, weighing approximately 30.70 carats and measuring 27.0 x 16.7 x 13.18 mm. (5)

\$1,800 - 2,000



2158

2158

BLUE FLUORITE AND DIAMOND PENDANT

Set with a rectangular-cut blue fluorite which measures 24.22 x 12.10mm, surrounded by 32 small brilliant-cut diamonds, mounted in 14K yellow gold. Height 1 3/4 in

\$800 - 1,200

To be sold without reserve



2159

2159

BLUE FLUORITE

Africa

An attractive rectangular cut stone having both a rich saturated color, excellent clarity and luster. Weighing approximately 28.99 carats and measuring 20.18 x 15.32 x 10.55mm

\$300 - 500

To be sold without reserve



2160

2160

BLUE FLUORITE AND DIAMOND RING

An oval-cut blue fluorite, measuring 16.51 x 13.09mm, surrounded by small brilliant-cut diamonds with smaller light blue stones accenting the shoulders, mounted in a broad 14K yellow gold setting, size 7.

\$800 - 1,200

To be sold without reserve



2161

2161

FINE RHODOLITE GARNET

East Africa

A red series garnet, faceted as a circular-cut with rich deep purplish-red hues, excellent clarity and luster. *Weighing approximately 8.93 carats and measuring 15.82 x 14.05 x 7.19mm*

\$900 - 1,200

To be sold without reserve



2162

2162

GROUP OF SEVEN GARNETS

Worldwide Localities

Including a grossular garnet, *Chihuahua, Mexico, height 3 1/4 in*, three from China which exhibit smoky quartzes associated with spessartite garnets; one from Mount St. Hilaire, Quebec, Canada; one possibly from California and one from an unknown locality. *Largest measuring 5 x 3 1/2 x 1 in. (7)*

\$1,200 - 1,500

To be sold without reserve



2163

2163
RICH RED SPESSARTITE GARNET

Faceted as a classic oval cut, this large garnet is exemplary for the depth of its rich red color, high clarity and luster. *Weighing approximately 20.84 carats and measuring 18.11 x 14.19 x 8.96mm*

\$2,000 - 3,000

2164
NOVEL SUITE OF SPESSARTITE GARNETS AND BLUE ZIRCONS

Cambodia
Comprising two bright orange spessartite garnets and two blue zircons, all with excellent clarity and luster. *Total weight approximately 22.09 carats and the largest heart-shaped spessartite measuring 12.07 x 10.10 x 7.88mm (4)*

\$3,000 - 4,000

2165
MANDARIN GARNET NECKLACE

Nigeria
Of bright "Fanta" orange color, this single-strand necklace comprises graduated and polished rondel-form beads, *weighing approximately 458.0 carats, measuring 12.4mm at the center to 7.12mm at the ends, completed by a silver lobster-claw clasp, length 27in*

\$2,500 - 3,500

2166
TSAVORITE GARNET

Tsavo National Park, Kenya
An attractive oval-cut tsavorite which exhibits a deep rich green color as well as excellent transparency and luster. *Weighing approximately 1.25 carats and measuring 8.05 x 5.99 x 3.39mm*

\$800 - 1,200
To be sold without reserve

2167
MANDARIN GARNET CABOCHON

A large, double cabochon with high dome, this spessartite garnet has excellent face-up size, vivid orange color and good polish. *Weighing approximately 39.35 carats and measuring 18.99 x 16.26 x 12.30mm*

\$1,500 - 2,000
To be sold without reserve

2168
LARGE AND EXCEPTIONAL SPESSARTITE GARNET CABOCHON

Africa
Garnets of over 10 carats are considered rare, but the present stone is 7x that size. Vibrant orange in color, with very good clarity, excellent polish on this high domed, large cabochon. *Weighing approximately 75.56 carats and measuring 26.07 x 20.69 x 12.60mm*

\$10,000 - 15,000

2169
SUITE OF SIX SPESSARTITE GARNETS

Nigeria
Well-matched for color and clarity this fine suite would be suitable for mounting as a pair of earpendants. *Weighing approximately 38.28 carats the largest garnet weighing approximately 9.5 carats and measuring 13.5 x 10.6 x 7.77mm (6)*

\$6,000 - 8,000

2170
RICH RED SPESSARTITE GARNET

Unusually large for the species and displaying a deep, rich red hue, this fine emerald-cut stone displays excellent transparency as well. *Weighing approximately 16.02 carats and measuring 14.34 x 11.86 x 8.75mm*

\$1,000 - 1,500

Accompanied by an American Gemological Laboratories report number CS 1078574 dated October 3, 2016 stating that the 16.02 carats spessartite garnet is natural and shows no gemological evidence of enhancements.

2171
PAIR OF MANDARIN GARNET CABOCHONS

Nigeria
Bright, rich orange in color with fine clarity for the species, this pair of mandarin garnets was cut from the same rough. Their clarity is particularly good for cabochons. *Weighing approximately 71.64 carats and measuring 20.21 x 15.5 x 10.55mm (2)*

\$5,000 - 7,000



2164



2166



2165



2167



2168



2169



2171



2170



2172

2172

SUITE OF TWELVE SPESSARTITE GARNETS

Nigeria

Bright “Fanta” orange in color, this pretty suite of twelve oval-cut garnets would create a beautiful necklace. *Total weight approximately 45.5 carats. The largest spessartite weighing approximately 5.91 carats. (12)*

\$12,000 - 15,000

2173

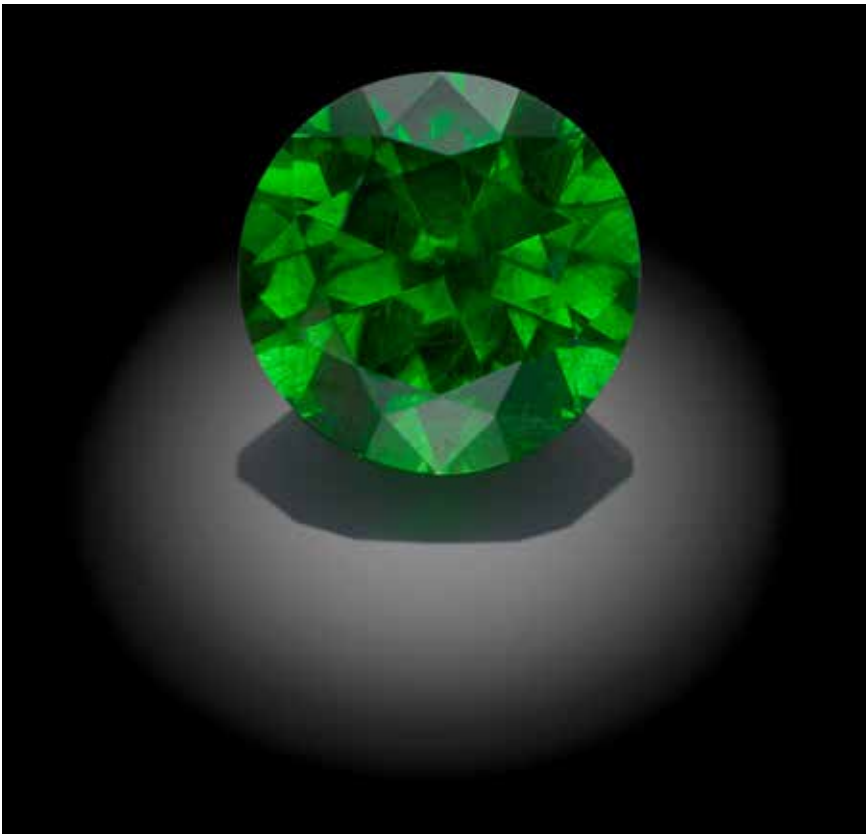
DEMANTOID GARNET

Ural Mountains, Russia

In the population of demantoid garnets not all are the same hue of green. The present example would be considered to be A++ in saturation of color and vividness of green hue with an absence of either yellow or brown hues. This is a fine stone for the knowledgeable collector. *Weighing approximately 1.73 carats and measuring 7.6 x 4.38mm*

\$17,000 - 22,000

Accompanied by an American Gemological Laboratories report number #CS 85258 dated March 16, 2016 stating that the Andradite Garnet variety Demantoid of 1.73 carats is natural.



2173



2174

**LARGE AND EXCEPTIONAL DEMANTOID
GARNET**

Namibia

A new classic, this attractive demantoid garnet is of prodigious size for the species with a weight of nearly ten carats. The color is a bright green and the dispersion for which this species is known lends added vibrance to the stone. With excellent luster and clarity for the species in particular. *Weighing approximately 9.86 carats and measuring 13.85 x 7.8mm*

\$100,000 - 125,000

Accompanied by a Gemological Institute of America report number 2175166360 dated May 15, 2015 stating that the 9.86 carats andradite garnet, variety demantoid is natural.



2175



2176



2177



2178

2175

GROUP OF HEMATITES, STIBNITES AND GALENAS

World Localities

Including a hematite, *Beckermert Iron Mine, Cumbria, England, height 4 1/4 in*; a Goethite, *Colorado, height 2 in*; a Galena on matrix, *Sweetwater Mine, Viburnum Trend District, Missouri*; a lazulite, *Yukon Territory, Canada, 2 1/2 inches*; a large sphalerite, *China, length 7 inches*; a galena, *Bulgaria, length 4 in*, fluorite on galena, *Naica, Chihuahua, Mexico*; and a neptunite on natrolite, *San Benito County, California. (13)*

\$1,000 - 1,500

To be sold without reserve

2176

HEMATITE AND RUTILE

Novo Horizonte, Bahia, Brazil

Certain forms in nature astound the viewer and this is one of them, with its central core of hematite and radiating golden rutile needles. These are a highly collectible mineral specimens. *Width 2 1/4 in*

\$600 - 800

To be sold without reserve

2177

GEM-QUALITY HEMIMORPHITE

Democratic Republic of Congo

Of suitable size for mounting as an exotic pendant, this is a rare specimen of drusy hemimorphite of exceptional quality. Vivid blue in color, with a drusy growth to the face of the specimen, the reverse side is smooth polished to reveal the patterns of concentric botryoidal, concentric growth. *Weighing approximately 173.28 carats and measuring 47.67 29.94 x 11.66mm*

\$5,000 - 7,000

2178

LARGE HEMIMORPHITE CABOCHON

Democratic Republic of Congo

Of oval outline, this bright blue hemimorphite cabochon has excellent translucency. *Weighing approximately 69.25 carats and measuring 30.82 x 23.34 x 9.70mm*

\$5,500 - 7,500



2179

VERY RARE HERDERITE

Brazil

The mineral Herderite was first described in 1828 following its discovery in Sauberg Mine, Erzgebirge, Saxony, Germany. It was named after Saxon mining official Sigmund August Wolfgang von Herder (1776–1838). Herderite is a phosphate mineral found in pegmatites and belongs to the apatite, phosphate group. It can be found in colorless, yellow or green specimens of low-clarity---or with great rarity a unique stone comes along such as the present one which is a bright leaf-green color, with excellent clarity for the species. This highly transparent stone is rare to find in large sizes. This mineral is very popular with those ascribing metaphysical attributes to gems as it aids in meditation and clairvoyance. This is the finest example of its type available in the market today. *Weighing approximately 27.68 carats and measuring 33.0 x 13.3 x 8.8mm*

\$20,000 - 30,000



2180



2181



2182

2180

HUBNERITE AND QUARTZ

An attractive cluster of reddish hubnerite crystals intergrown with delicate sprays of quartz crystals. *Height 2 1/2 in*

\$500 - 700

To be sold without reserve

2181

JADEITE JADE CABOCHON FROM AN UNUSUAL LOCALITY

Kazakstan

A bright green jadeite, fashioned as classic oval cabochon. with evenness of color and a bright hue. *Weighing approximately 22.23 carats 21.19 x 13.97 x 7.66mm*

\$3,000 - 5,000

Accompanied by a Tulab Certificate numbered #SR 15892442 and dated December 13, 2016 stating that the green jade oval cabochon is translucent and that it shows no indication of gem enhancement and would commercially be defined as "jadeite jade type A".

2182

**CALIFORNIA BLACK JADE WITH 24K GOLD PLATED
MAGNETITE INCLUSIONS**

Victorville, California

This highly aesthetic and painterly pear-shaped cabochon, of suitable size for mounting as a pendant, of black jade originates from a rare locality in California which has now been depleted. Giving the appearance of a "Chinese writing" or picture stone, the magnetite inclusions in this mineral, which would otherwise appear a dull grey color, have been accentuated through the use of 24K yellow gold electroplating, a permanent and stable process. *Weighing approximately 41.97 carats and measuring 32.0 x 19.0 x 4.5mm mm*

\$1,200 - 1,500



2183

IOLITE BEAD NECKLACE

India

A six strand torsade necklace consisting of faceted iolite beads measuring up to 7.3mm, *weighing approximately 1370 carats*, with antique Indian spherical gold bead spacers, completed with a silver-toned magnetic clasp, *Length 21 in*

\$800 - 1,500

To be sold without reserve



2184

2184

JADEITE STATUE ON WOOD BASE

Depicting a soldier of the military official, known as *Guandi*, carved from a single piece of jadeite which graduates in color from lavender to green. Offered on a carved wooden base. *Weighing 11.5 kilos. Height overall including base: 22 1/4 in*

\$2,000 - 3,000

2185

JADEITE CARVING

Beautiful and rare pink jade depicting a maiden with elaborate head dress and classic Chinese dress, with detail Ruyi shape necklace; standing on a wave-like base and under bamboo grove, accompanied by her male and female attendants. The girl attendant is holding a folding fan and the boy attendant is playing a flute. The precision of the carving is excellent and the color is unusual. *Measuring 9 x 7 1/2 x 3 1/2. Height overall with base: 10 1/2 in*

\$2,000 - 3,000

Offered on a custom-fitted wooden base.



2185



2186

**MAGNIFICENT GEMSTONE CARVING OF THREE ELEPHANTS--
"NATURE'S PAINTBRUSH"**

Carved from a single large specimen of "picture jasper" (actually an association of quartz and calcite) this fine carving, executed by a master craftsman in China evokes an entire landscape. The grey portion of the original rough was utilized to realistically render the elephants who stand upon a spotted base. With white agate tusks.
Measuring 20 x 12 x 11in

\$20,000 - 30,000



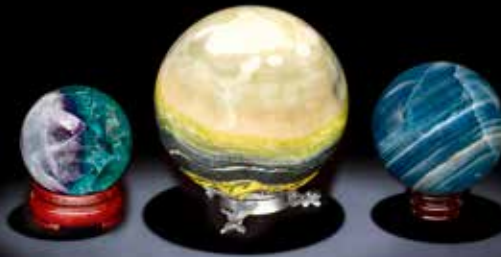
2187



2188



2189



2190

2187

OCEAN JASPER INTARSIA BOX

Hand fabricated in Florence, Italy

Comprising inlaid panels of Ocean jasper from Madagascar, the present box has beautifully book matched seams. With brass piano hinge, the interior is lined with black onyx. Raised on four feet.

Measures 9 1/2 x 6 1/2 x 4 1/2 in

\$2,000 - 3,000

To be sold without reserve

2188

LARGE OCEAN JASPER INTARSIA BOX

Fabricated in Florence, Italy

The hinged lid opening to reveal a black onyx lined interior, with brass piano hinge. The lid and sides composed of slabs of Madagascar

Ocean jasper which has richly saturated hues of pink, green and brown colors. *Measuring 13 x 10 1/4 x 5in*

\$4,000 - 6,000

To be sold without reserve

2189

PICTURE JASPER AND ONYX BOX

Fabricated in Florence, Italy

The lid set with an inlaid rectangular panel of picture jasper. The hinged lid, opening to reveal a polished onyx interior.

Length 5 3/4 in

\$300 - 500

To be sold without reserve

2190

THREE MINERAL SPHERES: BUMBLEBEE JASPER, BLUE CALCITE AND FLUORITE

The first, a large "bumblebee" jasper sphere, *Australia, diameter 4 1/4 in*; the second, a small blue calcite sphere, *Argentina, diameter 3 in*; together with a small banded fluorite sphere, *China, diameter 2 1/2 in.*

(3)

\$1,200 - 1,500

To be sold without reserve



2191

PAIR OF LARGE AND IMPRESSIVE JASPER VASES

Taiwan

Each carved from a single piece of jasper, which has undergone a traditional treatment to strengthen the saturation of colors before being honed to a bright polish. *Height 24 in*

\$4,000 - 6,000



2192



2193



2194

2192

PICTURE JASPER CARVING OF THREE ANTELOPES

A dramatic and imposing lapidary work of art, carved of one integral specimen of jasper, intricately detailed and making use of the natural variations of the stone's patterning. *Measuring 23 1/2 x 14 x 7in*

\$2,000 - 3,000

To be sold without reserve

2193

PAIR OF "LEOPARD SKIN" JASPER OBELISKS

Madagascar

Of simple form carved of hexagonal outline, polished on all sides carved from an unusual decorative jasper which originates in Madagascar. *Height 16 1/2 in (2)*

\$700 - 1,000

To be sold without reserve

2194

RED JASPER CARVING OF A TURTLE BY ERWIN KLEIN

Idar-Oberstein, Germany

Carved from a single rough of bright red jasper, the lapidary has made use of the natural variations in color of the mineral to depict the turtle's shell. *With inset gold plaque stamped Erwin Klein and numbered 87. Length 6in*

\$700 - 1,000



2195

2195
LAPIS LAZULI KINGFISHER ON QUARTZ BASE BY PETER MUELLER

A large kingfisher with outstretched wings carving of Afghani lapis lazuli, with red aventurine quartz breast, white agate throat and carnelian agate beak. The bird is perched upon a base of a rock crystal quartz cluster, raised on a square rock crystal quartz base. *Height 9 1/2in*

\$1,000 - 1,500

2196
PAIR OF LAPIS LAZULI HUMMINGBIRDS BY PETER MUELLER
Brazil

Each carved of gem-grade Afghani lapis lazuli of rich blue color, with carnelian beaks, gilded metal feet resting upon on a quartz crystal cluster. *Height 8 1/2in*

\$1,500 - 2,000

2197
LAPIS LAZULI INTARSIA BOX
Made in Florence

Expertly crafted by a contemporary Italian lapidary artist, comprising sections of fine, jewelry grade lapis lazuli having beautiful patterns of pyrite inclusions. The panels are expertly matched at the edges so as to appear seamless. The finely hand-crafted box, with hinged lid and interior lined with black onyx. *Length 6 in*

\$1,200 - 1,500
To be sold without reserve

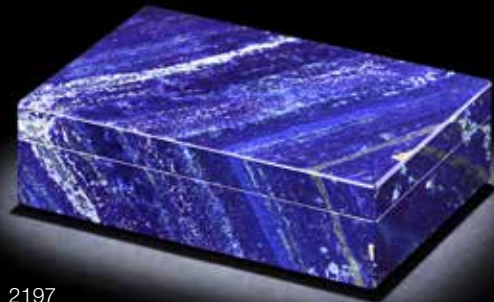
2198
LAPIS LAZULI CARVING OF A WATER BUFFALO
Realistically carved of denim blue Chilean lapis lazuli with calcite veining and pyrite flecks, to depicted a seated water buffalo, removable from its base. *Length 8 1/2 inches*

\$1,000 - 1,500
To be sold without reserve

Offered on a custom-fitted wooden base.



2196



2197



2198



2199

LAPIS LAZULI BEAD NECKLACE

Afghanistan

Fine jewelry-grade lapis lazuli was used to carve the spherical beads in this necklace, measuring 21.4mm at the center to 14.5mm at the end, alternating with smaller lapis bead spacers. Length 26in.

\$1,500 - 2,500

2200

PAIR OF LAPIS LAZULI CABOCHONS

Afghanistan

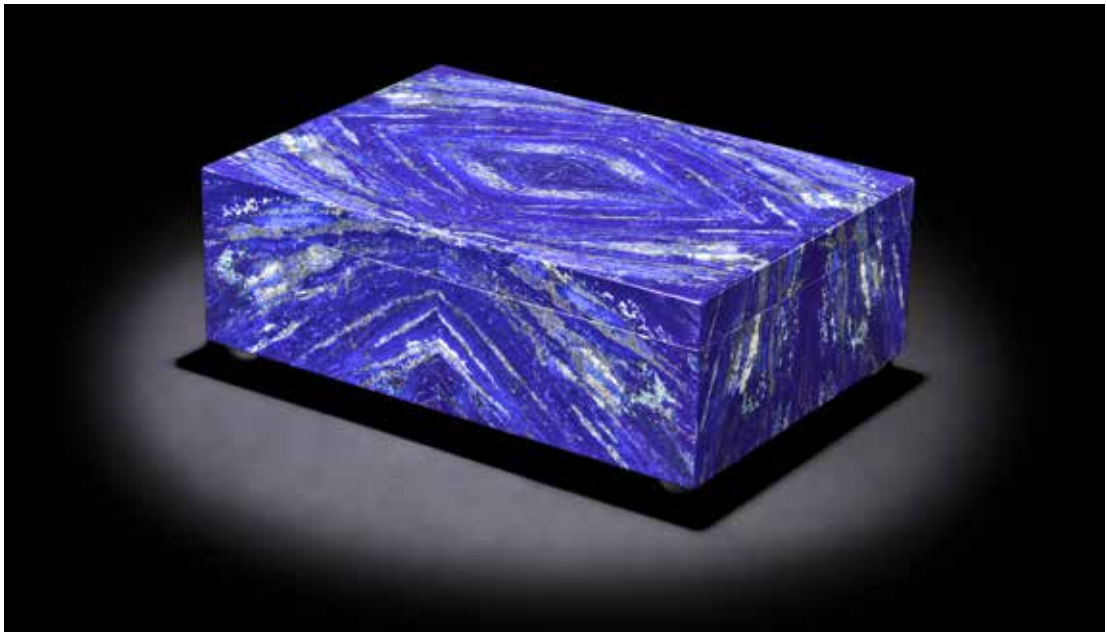
Gem grade of deep rich blue with pyrite flecks, smooth polished into pear-shaped cabochons. Weighing a total of 90.54 cts and measuring 33.44 x 21.76 x 7.17mm and the other 33.78 x 21.76 x 7.57mm

\$500 - 700



2199

2200



2201

2201

LARGE LAPIS INTARSIA BOX

Made in Florence, Italy

Expertly crafted by a master lapidary with beautifully matched seams, particularly at the edges, the natural veining in the mineral used to create a chevron pattern on the lid and sides. The hinged lid with concealed brass piano hinge, the interior lined with black onyx. Raised on four rock crystal ball feet. *Measuring 12 x 8 x 4 1/4in*

\$6,000 - 8,000

To be sold without reserve

2202

LAPIS LAZULI CARVING OF AN ELEPHANT BY ERWIN KLEIN

Idar-Oberstein, Germany

Naturalistically carved from a single piece of Afghani lapis lazuli, with inset white agate tusks and toenails and tiny diamond eyes. *Inset gold plaque stamped Erwin Klein and number 89. Measuring 4 x 3 x 2 in*

\$600 - 800



2202

2203

LAPIS LAZULI CARVING OF A PENGUIN WITH OFFSPRING ON ROCK CRYSTAL QUARTZ BASE

Idar-Oberstein, Germany

Carved of mottled lapis lazuli from Afghanistan, the areas of calcite resembling the speckling of the feathers. with agate eyes inset in the traditional Idar manner. Both figures placed on a frosted rock crystal base which suggests an icy landscape. *Height 4 3/4 x 2 1/2 x 3in*

\$2,000 - 3,000



2203



2204

2204

LIBYAN DESERT GLASS CARVING OF SHELL

Depicting a large clamshell, with decoration of sand beetles, ammonites, leaves and shells, on a carved and polished black basalt base. *Length 7 1/2*

\$600 - 800

To be sold without reserve



2205

2205

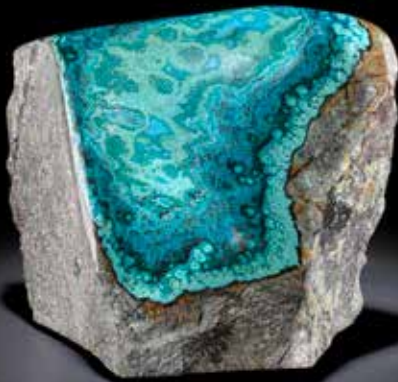
MALACHITE CARVING OF AN ELEPHANT

Democratic Republic of Congo

Carved from a single large piece of malachite showing excellent concentric banding as a result of its botryoidal growth formation. Polished to a mirror bright finish. *Measuring 7 1/2 x 9 x 3in*

\$700 - 1,000

To be sold without reserve



2206

2206

GROUP OF TEN MALACHITES

Including a contour-polished azur-malachite, *length 5 1/2 in*; together with nine other malachite specimens which are contour polished or slabbed from the Congo. (10)

\$700 - 1,000

To be sold without reserve



2207

2207

MALACHITE MOSAIC MIRROR

Democratic Republic of Congo

Of circular form created with a mosaic of several hundred cross-section slices of malachite to the dome-shaped frame, with brass edging. *Diameter 32in*

\$3,000 - 5,000

2208

SIX MALACHITE AND MATRIX SPECIMENS

Some exhibiting botryoidal growth and others with sprays of crystallized malachite. *The largest measuring 6 1/2 x 3 x 1 1/2in. (6)*

\$1,200 - 1,500

To be sold without reserve



2208



2209



2210



2211

2209

LARGE MALACHITE

Democratic Republic of Congo

Contour polished to reveal the fine concentric banding this is a large specimen suitable for shelf display in the most sophisticated corporate or residential interior. *Measuring 12 x 10 x 4in*

\$1,500 - 2,000

2210

THREE MALACHITES

Democratic Republic of Congo

Including a larger, botryoidal specimen, *height 5 1/2in*; an unusual stalactite, *length 4in*; and another smaller, botryoidal specimen, *length 3 1/4in*. (3)

\$700 - 1,000

To be sold without reserve

2211

TWO CHATOYANT MALACHITES

Democratic Republic of Congo

The larger one, having a lustrous sheen, *height 4in*; the smaller one with radiating sprays of malachite, *length 2 1/2 in*. (2)

\$700 - 1,000

To be sold without reserve



2212

2212

MALACHITE INTARSIA BOX

Made in Florence

Formed of sections of malachite, beautifully and seamlessly inlaid, particularly at the edges and where the lid meets the base. With hinged lid, concealed piano hinge, and an interior lined with black onyx. Raised on four rock crystal feet. *Measuring 9 1/2 x 6 1/2 x 3 3/4in*

\$4,000 - 6,000

To be sold without reserve

2213

LARGE MALACHITE INTARISA BOX

Fabricated in Florence, Italy

Beautifully crafted and matched for color and concentric banding, the malachite for this fine box originates from the Democratic Republic of Congo. The hinged lid opens to reveal an onyx lined interior. Raised on four rock crystal ball feet. *Measuring 9 1/2 x 6 1/4 x 3 1/4in*

\$6,000 - 8,000

To be sold without reserve

2214

PAIR OF LARGE MALACHITE OBELISKS

Democratic Republic of Congo

Each designed in the traditional manner with tapering form and intarsia work overall, raised on a stepped plinth. *Height 30in (2)*

\$3,000 - 5,000



2213



2214



(detail)

2215^Y

GEM-ENCRUSTED MALACHITE AND MOTHER-OF-PEARL CHESS SET

*By Konstantin Libman and Ivanna Harchenko
Silversmith: Denis Vedernikov*

The board comprised of intarsia squares of malachite and mother-of-pearl. The chess pieces carved of malachite and white agate, mounted with hand-fabricated 0.925 silver, weighing approximately 1,946 grams. The pieces are accented with emeralds, weighing approximately 14.23 carats, and yellow sapphires, weighing altogether 8.48 carats, as well as black and white cultured pearls. Chess board measures 12 x 12 x 1 1/4in

\$30,000 - 40,000

Offered in a custom-fitted wooden presentation case.



2216

2216

NEPHRITE JADE BOWL WITH ENAMEL DECORATION

Idar-Oberstein, Germany

The well-carved bowl formed of nephrite, the gilt-metal border of Art Deco design with chevrons highlighted with red enamel decoration and green enamel egg and dart motif. With gilt metal framework below, raised on three griffin-form feet. *Diameter 6 3/4 in. Height 3 1/4 in*

\$2,000 - 3,000

2217

WHITE NEPHRITE INTARSIA BOX BY KONSTANTIN LIBMAN

Fabricated in Russia from Burmese jade of creamy ivory color, the lid fashioned from a single slab of jade, matched at the sides and seams for patterning. The sides polished to a high gloss. The hinged lid opening to reveal a Spanish cedar lined interior. *Offered in a custom-fitted wooden presentation box for transport. Measuring 5 1/2 x 3 3/4 x 2in*

\$2,500 - 3,500



2217



2218

2218
**BLACK OBSIDIAN CARVING OF A BULL
BY ERWIN KLEIN**

Idar-Oberstein, Germany
Carved from a single rough of Russian black obsidian, showing great transparency at the neck, with inset horns carved of white agate. With inset gold plaque to the underbelly stamped Erwin Klein and number 90. Measuring 8 x 4 1/2 x 2 4/5in

\$2,000 - 3,000

2219
**BLACK OBSIDIAN BEAR ON JASPER
BASE**

Carved in Russia by an expert craftsman, of Russian black obsidian, complete with realistic texturing of fur. Inset synthetic ruby eyes. Height with base: 6in

\$1,500 - 2,000
To be sold without reserve



2219

2220
**LARGE GROUP OF INDIAN ZEOLITES
AND OTHER MINERALS**

Including an okenite, length 8 in; and a faint green datolite, Russia, length 3 in; several green apophyllites on stilbite; and various orange stilbites on matrix. (22)

\$1,500 - 2,000
To be sold without reserve

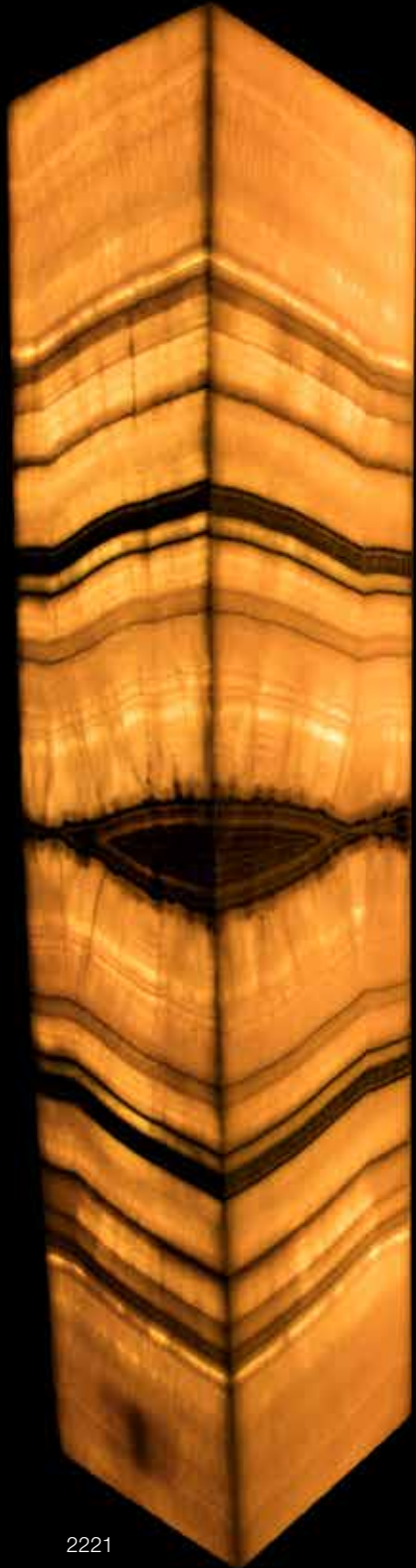


2200

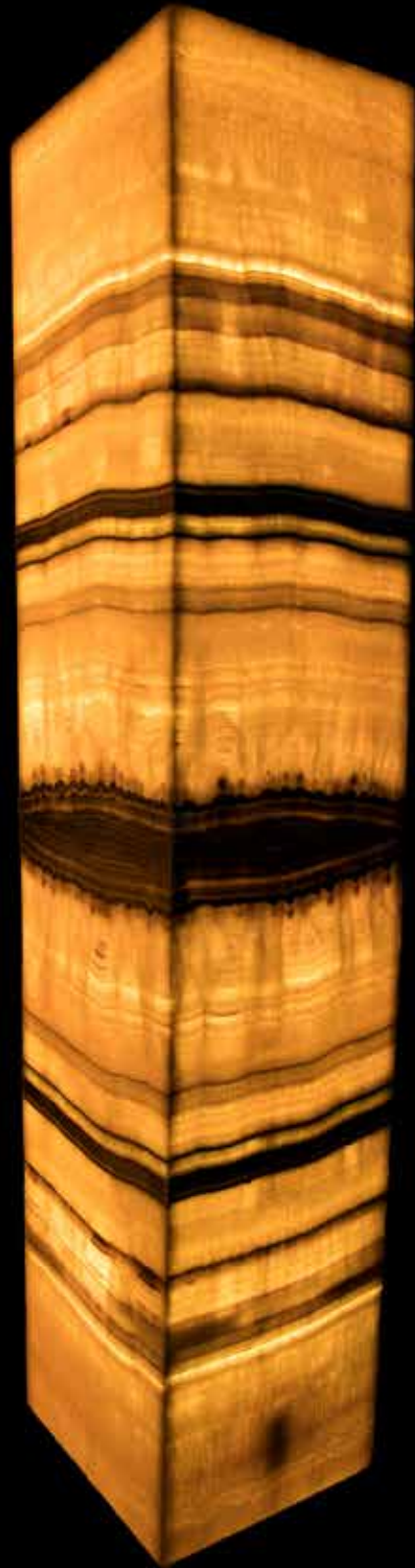
2221
PAIR OF BANDED ONYX LUMINAIRES

Mexico
A matched pair of calcite onyx luminaires, yellow with black banding and matching patterns. These luminaires are cut from large onyx boulders mined in central Mexico. The slabs are cut 1/4 inch thick and the panels are book matched to have continuous matching patterns. The panels are mitered for an exact fit with a closed fitted top as well. Beautiful either when illuminated or when observed in natural light, they provide a beautiful ambient light source suitable for either residential or corporate interiors with their stunning patterns and movement. Measuring 69 x 14 x 14in

\$4,000 - 6,000



2221





2222



2223



2224

2222

LARGE BANDED ONYX CARVING OF A ROOSTER

Brazil

Carved by a contemporary Taiwanese artist, the present carving is of prodigious size. Larger carvings can be difficult to scale properly but this one, although stylized, is proportional and makes excellent use of the bright orange and yellow color banding of the mineral. *Height 22in*

\$2,000 - 3,000

Offered on a custom-fitted wooden base.

2223

FINE AMERICAN PERIDOT

Arizona

This is a fine American gemstone, faceted as a pear shape, with excellent clarity and minimal yellow. Peridots originating from Arizona are reminiscent of fine Burmese material, however, they are rarely seen in a size as large as this stone. *Weighing approximately 12.24 carats and measuring 19.11 x 11.87 x 8.72mm*

\$1,000 - 1,500

2224

EXCEPTIONAL PERIDOT

Burma

A fine modified cushion-cut peridot with beautiful scissored-cut faceting, exhibiting a vivid saturation of color and a high degree of transparency and luster. *Weighing approximately 34.0 carats and measuring 18.86 x 17.82 x 11.87mm*

\$9,000 - 11,000



2225

SUITE OF TWENTY-TWO PERIDOTS

Pakistan

A large suite of peridots, well-matched for color, comprising a large oval-cut, checkerboard faceted stone to the center, weighing approximately 21.40 carats, and twenty-one other fancy shapes including triangular, kite-shaped, oval, cushion and pear-shaped with the following weights: 9.35 cts, 10.52 cts, 7.08 cts, 13.60 cts, 8.51 cts, 4.87 cts, 6.50 cts, 5.83 cts, 6.43 cts, 4.58 cts, 4.25 cts, 5.52 cts, 7.14 cts, 5.51 cts, 6.81 cts, 8.02 cts, 7.91 cts, 13.17 cts, 6.60 cts, 10.71 cts, 9.86 cts. Total weight approximately 183.95 carats (22)

\$10,000 - 15,000



2226

PERIDOT BEAD AND BLACK LAVA NECKLACE

This unusual necklace comprises nine lava beads from the Canary Islands measuring a uniform 12mm in diameter, alternating woven beads comprising very small, micro-faceted beads of Pakistani peridot, completed by a silver clasp, *length 17 1/2in*

\$500 - 700

To be sold without reserve

2227

PERIDOT

Burma

A fine cushion-shaped stone having a vivid green hue, excellent luster and transparency. *Weighing approximately 13.54 carats and measuring 14.37 x 12.55 x 10.84mm*

\$1,500 - 2,000



2227

2226



2228

2228

EXTREMELY RARE POUURETTITE

Mogok, Burma

Discovered only during the 1960s, poudrettite an extremely rare mineral which was originally found at Mont St. Hilaire, Quebec, Canada. Named in honor of the Poudrette family who were owners and operators of the original R. Poudrette quarry which was established in 1959. The current stone is from an equally rare deposit in Burma, one of the only other sources for this stone. The present cushion-shaped stone is large for the specimens and it is distinguished by its delicate pink color. *Weighing approximately 2.82 carats and measuring 10.7 x 7.3 x 5.5mm mm*

\$10,000 - 15,000

2229

LARGE GROUP OF PYRITES

World Localities

Including a pyrite on hematite, *Elba, Italy*; together with several others from various localities including Peru, *measuring 6 1/2 x 5 x 2 1/2in*, many with associates such as quartz or calcite; and also including a chalcopyrite and pyrrhotite. (17)

\$1,000 - 1,500

To be sold without reserve



2229

PROPERTY OF A CALIFORNIA GENTLEMAN

This is a world-class collection of pyrite specimens which were discovered in the 1980s. No longer available on the market, the present offering is unusual as it represents an opportunity to acquire some of the finest pyrites which reached the United States during that era and which have since been unsurpassed.

2230

SPECTACULAR PYRITE WITH LARGE TRIANGULAR CRYSTALS

Huanzala Mine, Huallanca District, Dos de Mayo Province, Huánuco Department, Peru

In the high mountain range known as Cordillera Negra ("Black Range") there is a historic mining district which has been active since the 1860s. The present large pyrite cluster originates from this region. It displays approximately thirteen immense, triangular-form crystals that are intergrown. The luster on this specimen is particularly exceptional. This fine specimen would create a dramatic display when presented vertically. *Weighing approximately 44 lbs (20 kilos). Measuring 13 x 11 x 8 in*

\$5,000 - 7,000



2230

2231

LARGE PYRITE WITH TRIANGULAR CRYSTALS

Huanzala Mine, Huallanca District, Dos de Mayo Province, Huánuco Department, Peru

An impressive pyrite crystal cluster which features a very, very large crystal measuring 4 3/4 inches along the edge. Of slightly smaller proportions than the other pyrites in this collection. *Weighing approximately 61 lbs (28 kilos). Measuring 11 x 11 x 9 in*

\$3,000 - 5,000



2230

2232

PYRITE CRYSTAL CLUSTER

Huanzala Mine, Huallanca District, Dos de Mayo Province, Huánuco Department, Peru

Comprising a mass of innumerable, lustrous cubic pyrite crystals ranging in size from 1/4 inch up to 1 1/4 inches. The overall size of this specimen is as impressive as its exceptional luster. *Weighing 46.2 lbs (21 kilos). Measuring 18 x 12 x 5 in*

\$4,000 - 6,000



2230



2233

2233

EXCEPTIONAL PYRITE

Huanzala Mine, Huallanca District, Dos de Mayo Province, Huánuco Department, Peru

Distinguished by its excellent luster, with large triangular, pyramidal and pyritohedral crystals, measuring 3in along the longest edge, this is a very large and exceptionally fine pyrite cluster *Weighing approximately 101.8 lbs (46.2 kilos) Measuring 17 x 12 x 7in*

\$6,000 - 8,000

2234

EXCEPTIONAL LARGE PYRITE

Huanzala Mine, Huallanca District, Dos de Mayo Province, Huánuco Department, Peru

This is an exemplary large single crystal, with a resplendent surface. Sure to be a star of any private collection, we are at the present time unaware of any larger crystal of pyrite in existence. *Weighing approximately 143.6 lbs (65.1 kilos) Measuring 23 x 12 x 6in*

\$6,000 - 8,000



2234



2235



2236



2237



2238

2235

GROUP OF THIRTEEN PYROMOPRHITES

Including a small orange pyromorphite, *Kellogg, Bunkerhill Mine, Idaho, height 1 1/2in*; various specimens from China and various others. (13)

\$800 - 1,200

To be sold without reserve

2236

QUARTZ WITH HEMATITE INCLUSIONS

A lustrous and well-formed large, cabinet-sized specimen with bright red color, *length 7 1/2 in*

\$1,000 - 1,500

To be sold without reserve

2237

GROUP OF TWENTY-SIX QUARTZES

Including six with hematite inclusions or overgrowth, the largest of which measures 4 inches; amethyst clusters and single points; two smoky quartzes; a smoky quartz with spessartite garnets; and a geode with a drusy quartz interior. (26)

\$1,000 - 1,500

To be sold without reserve

2238

THREE CARVINGS OF MICE AND SQUIRRELS

The first, a mouse carved of rock crystal on a round of cheese, *by Luis Albert Quispe Aparicio, height 4in*; a reverse intaglio carving depicting a squirrel, possibly carved in China, *height 3in*; and an agate squirrel, *Idar-Oberstein, Germany, height 1 3/4in*. (3)

\$500 - 700

To be sold without reserve



2239

2239^Y

BLUE QUARTZ DOLPHINS ON BASE

Depicting three leaping dolphins amongst waves, the entire composition carved from a single piece of natural color blue quartz. The carving is placed on a coral specimen, raised on a black basalt base. *Height 10 in*

\$2,000 - 3,000

2240

LARGE ROSE QUARTZ MACAWS ON GREEN TOURMALINE BASE BY PETER MUELLER

Brazil

Comprising two macaws carved of rose quartz, with gilt metal feet, with garnets beads and rubellite cabochon eyes. *Engraved with monogram PM for Peter Mueller.* The base formed of a giant green tourmaline crystal, most likely from the Santa Rosa mine in Minas Gerais, Brazil, *height 9 3/4in Height overall: 15in*

\$4,000 - 6,000

2241

AMETHYST HERON ON BASE BY ERWIN KLEIN

Idar-Oberstein, Germany

Carved of a single crystal of amethyst the large heron, *length 7 1/2in*, with black obsidian beak is raised on gold vermeil legs, which rest upon a calcite crystal cluster base suggesting a landscape upon which he walks. *With inset plaque to the underside of the heron's body stamped Erwin Klein and numbered 82. Measuring 9 x 6 1/2 x 5in*

\$1,500 - 2,000

2242

TWO ROCK CRYSTAL CARVINGS

The first, a rock crystal quartz carving depicting a bear together with its offspring--nearly optically clear quartz with green chlorite inclusions in the base to resemble the landscape of the tundra. Offered on a custom-fitted wooden base, *length 8in*; together with another rock crystal carving, depicting two eagle heads, with frosted surface, raised on a black onyx base, *height 7in*

\$1,500 - 2,000



2240



2241



2242



2243

2243

LARGE AND IMPRESSIVE AMETHYST QUARTZ CLUSTER

Bolivia

An impressive cluster of very large amethyst crystals, typical of the specimens retrieved from this region. With its rich violet hues, this is an impressive display specimen. *Weighing approximately 24.6 kilos and measuring 15 x 11 x 11 in*

\$2,500 - 3,000

2244

LARGE CITRINE QUARTZ

Brazil

A fine, natural citrine point, having excellent color saturation and hexagonal sides, which have been repolished to reveal the relatively high degree of clarity in the crystal. There is a large cavity at the base which indicates that an associated mineral was previously there but fell away. *Weighing approximately 38 pounds and measuring 12 x 10 x 5 1/4 in*

\$2,500 - 3,500

To be sold without reserve



2244



2245

2245^w

IMMENSE PAIR OF AMETHYST GEODES--"A DOUBLE-CATHEDRAL SPLIT"

Brazil

Highly unusual in form, these very large geode "split" illustrates the volcanic origins which created this geode--in the form of a double cathedral. Both are lined with large amethyst crystal points, and one has numerous calcite crystals to the interior as well. *Height 60in*

\$12,000 - 15,000

2246

SMOKY QUARTZ CRYSTAL

Brazil

A large crystal point with good termination having a light brown hue and stepped formation to the primary face. Suitable for table top display or possible vertical presentation if placed on an appropriate stand. *Weighing approximately 17 lbs. Measuring 12 1/4 x 7 3/4 x 5 1/2in*

\$1,200 - 1,500

To be sold without reserve



2246



2247



2248

2247

AMETHYST GEODE

Brazil

A classic amethyst "cathedral" having a cavity richly lined with bright violet-hued crystals of good size. *Weighing approximately 35 pounds and measuring 25 x 7 1/2 x 6 1/2 in*

\$1,200 - 1,500

To be sold without reserve

2248

IMPRESSIVE AMETHYST CRYSTAL POINT

Brazil

A large single crystal of prodigious size, with rich violet color and portions which are gem-grade. The termination with polished faces revealing the saturation of color beneath. *Measuring 20 x 13 x 9in*

\$3,000 - 5,000

2249

SMOKY QUARTZ SPHERE

Brazil

This well-polished sphere has a distinct brown hue and excellent iridescence in some areas as well as some evidence of growth banding in hexagonal form showing the structure of the original crystal. *Weighing approximately 19 pounds. Diameter 7 1/2 in*

\$1,500 - 2,500

To be sold without reserve



2249



2250

2250^w

FINE, LARGE PAIR OF AMETHYST GEODES

Brazil

First identified in the 1600s, the term geode comes from French *géode*, which in turn, was derived from Latin and Greek word for "earth". Geodes form when mineral-rich waters enter a cavity in a rock which then undergoes a sudden change in pressure or temperature, causing crystals to form from the solution which line the cavity's walls. The present geode has been split into two in order to reveal the inward pointing violet purple crystals of amethyst lining the interior. Amethyst geodes are created over the millennia through the formation of gas cavities in lava tubes. The cavities then fill up with a liquid that contains small amounts of iron. Over time, this liquid forms crystals of amethyst. Crystals with a color that range from light lilac to deep purple are formed when there is a trace of iron in the liquid, resulting in amethyst geodes. The interior of this present, immense geode is entirely lined with very large, lustrous violet amethyst points. Of unusual form, the interior cavity of this amethyst geode "split" is lined entirely with an even carpet of large, lustrous violet amethyst points. *Measuring 44 1/2 x 31 1/2 x 11in (113 x 80 x 27cm)*

\$10,000 - 15,000

2251

UNIQUE FLOWER STUDY OF ORCHIDS ON AN AMETHYST ROSE BY PETER MUELLER

Brazil

Each blossom carved of Bolivian ametrine with frosted rock crystal quartz centers, or of alternating combination of rock crystal exterior petals, each removable from the specimen of amethyst with radiating sprays of lavender with a quartz cluster to one side. Such amethyst specimens are known as an "amethyst rose" in the mineral hobby. Mounted on a black acrylic base. *Height overall: 14in*

\$5,000 - 7,000



2251



2252

**2252
GREEN AMETHYST BEAD NECKLACE--"PRASIOLITE"**

Brazil

A single-strand necklace of nineteen large green amethyst beads, faceted with broad simple facets to best exhibit their high degree of clarity, completed by a 14K gold clasp. The color of "green amethyst," sometimes called prasiolite, is due to heat-treatment of lilac-to-purple amethyst. *Weighing approximately 902.5 carats. Length 18in.*

\$1,800 - 2,000

2253

AMETHYST AND AN AMETRINE

The first, a Brazilian cushion-shaped, checkerboard-cut vivid purple amethyst of high transparency, *weighing approximately 10.54 carats and measuring 16.10 x 11.67 x 9.47mm*; together with a fancy-cut Bolivia ametrine, *weighing approximately 19.38 carats and measuring 19.06 x 16.06 x 10.11mm. (2)*

\$400 - 600

To be sold without reserve

2253

2254

VARI-COLORED QUARTZ AND GEMSTONE NECKLACE

A continuous bead necklace consisting of faceted beads of various quartzes including lemon, amethyst, smoky, rock crystal, rose quartz with a some prehnite beads and two aquamarine beads. *Weighing approximately 1187 carats. Length 24in*

\$1,000 - 1,500

To be sold without reserve

2255

SEVEN CABOCHONS OF RUTILE AND HEMATITE IN QUARTZ

Brazil

Comprising oval, pear-shaped and cushion-shaped examples, with golden rutiles intersecting the hematite centers. *Total weight approximately 112.57 carats. The largest weighing approximately 25.5 carats. (7)*

\$800 - 1,200

2256

SUITE OF BLACK TOURMALINATED QUARTZ CABOCHONS

Brazil

Of interest to the collector of included quartzes is this suite of nineteen quartz cabochons with black tourmaline crystals visible in high relief. The effect is both stunning and dramatic. *Total combined weight 265.90 carats. The largest cabochon weighs 27.56 carats and measures 23.36 x 18.64 x 9.54mm*

\$1,000 - 1,500

To be sold without reserve



2254



2256



2255

2257



2258



2259

2257
PAIR OF CITRINE GEODES
Brazil

Each with agatized edges, the interiors lined with rich, golden hued citrine crystals. Prepared on the outside in the traditional manner with grey-green pigment. *Weighing 67 lbs and 64 1/2 lbs. Height 21 in*

\$2,000 - 3,000

2258
EXCEPTIONALLY LARGE AND IMPRESSIVE CITRINE--"A MEMBER OF THE 100 CARATS CLUB"
Minas Gerais, Brazil

Faceted as a very large pear-shaped stone, this golden yellow citrine has exemplary color and virtually optically clear transparency, a rarity given the typically included nature of quartz. *Weighing 618.12 carats and measuring 76.76 x 45.09 x 35.49mm*

\$2,500 - 3,500

2259
YELLOW CITRINE AND NEPHRITE FLOWER STUDY--"BUTTERCUPS"

Designed in the style of Faberge, each fully opened blossom carved of translucent yellow citrine, frosted with a matte finish, the stamens rendered with green enamel and pistils of gold, on an 18K yellow gold stem with matte finish, *stamped 750*, rising from a removable Russian obsidian vase, bordered by 18K yellow gold. *Height 6 1/4 in*

\$5,500 - 7,500

2260

**LARGE SNOWY OWL ON BRANCH BY
LUIS ALBERTO QUISPE APARICIO**

The vast proportions of this impressive carving are sure to find appeal with both lapidary collectors and bird lovers: this rock crystal quartz carving depicts a snow owl with accents of gold vermeil to the feathers and gold vermeil feet, with agate cabochon eyes. Removable from the tree branch which is fabricated of silvered bronze, on a circular base of black granite. *Height overall 26in*

\$20,000 - 30,000





2261



2262

2261

NINE OPTICALLY CLEAR ROCK CRYSTAL QUARTZ REPLICAS OF THE CULLINAN DIAMONDS

By Rudolf Dröschel

Faceted in Idar-Oberstein, Germany

Precision cut by hand on a sandstone wheel, as per the traditional Idar-Oberstein method for polishing gemstones, this set is a collectible the likes of which is no longer being produced anywhere in the gem industry. This suite of nine diamond replicas was faceted from natural rock crystal quartz of optical clarity, the stones are housed in a presentation case with the maker's mark D for Dröschel for the firm of Rudolf Dröschel. Included are: Cullinan I, 530.20 carats, pear-shape; Cullinan III, 94.40 carats, pear-shape; Cullinan II, 317.40 carats, cushion-shape; Cullinan IV, 63.60 carats, cushion-shape; Cullinan V, 18.80 carats, pear-shape, Cullinan VI, 11.50 carats; Cullinan VII, 8.80 carats, marquise-shape, Cullinan VIII, 6.80 carats, cushion-shape; Cullinan IX, 4.39 carats, pear-shape. (9)

\$2,000 - 3,000

Offered in a custom-fitted presentation case with hinged lid.

2262

VERY LARGE, OPTICALLY CLEAR ROCK CRYSTAL QUARTZ—“AN ARKANSAS GEM”

The Zigras Mine, Blue Springs, Garland County, Arkansas

Faceted as a Portuguese, round brilliant-cut, this optically clear gem of rock crystal quartz is from the famed American mining region. The occurrence of optically clear rock crystal is a very rare thing and it has been prized throughout the centuries. *Weighing approximately 1155 carats and measuring 73.4 x 45.53mm*

\$6,000 - 8,000



2263

2263
MILKY WHITE QUARTZ CARVING OF TWO CRANES

Most likely carved in China, from a single specimen of white quartz, with inset agate beaks, depicting two cranes and two ears of corn.
Height 9in

\$600 - 800
To be sold without reserve

2264
ROCK CRYSTAL COCKATOO ON EMERALD BASE BY PETER MUELLER

Brazil
The cockatoo carved from transparent rock crystal quartz, with aventurine comb, rubellite beak and eyes, the base formed of a very large emerald crystal in black schist, raised on an oval acrylic base.
Height 8 1/2in

\$1,000 - 1,500

2265
ROCK CRYSTAL QUARTZ SPHERE

Brazil
A large decorative sphere having moderate transparency.
Weighing approximately 15 pounds. Diameter 7 in

\$1,000 - 1,500
To be sold without reserve



2264



2265



2266

**2266
AMETHYST GEODE WITH CALCITE**

Brazil

A fine geode with excellent aesthetics: a deep lava tube, filled with lustrous violet amethyst crystals, and featuring a 4 1/2 inch-long calcite crystal to the center. With polished and agatized borders. *Measuring 16 x 16 x 9in*

\$5,000 - 7,000

Offered on a custom-made steel stand.

2267

**2267
AMETHYST BRIOLETTE NECKLACE**

Brazil

Comprising five strands of briolette-faceted beads, *graduating from 8.3 to 16.88mm in length at the center, weighing a total of approximately 830 carats. Length of shortest strand 15 inches, with adjustable cord closure.*

\$1,500 - 2,000

2268

**2268
CITRINE--A MEMBER OF THE 100
CARATS CLUB™**

Brazil

Of suitable size for mounting as a brooch or pendant, this oval-cut citrine displays excellent luster and transparency. *Weighing approximately 140.73 cts and measuring 37.02 x 29.64 x 20.65mm*

\$500 - 700

2269

CARVED AMETHYST BEAD NECKLACE

Each bead carved in a stylized leaf design, of slightly graduated size, the largest beads at the center, carved on both sides, of bright violet hue, completed by a 14K yellow gold clasp. *Total weight approximately 651 carats. Length 18 1/2in*

\$1,000 - 1,500

To be sold without reserve



2267



2268



2269



2270



2271

2270

AN AMERICAN LAPIDARY MASTERPIECE: RHODOCHROSITE INTARSIA CLOCK BY JIM KAUFMANN

Formed of sections of highly translucent, gem quality rhodochrosite from Argentina, which is distinguished by its vibrant grapefruit pink color and concentric banding. Inset to the top with a 3.0 carats circular-cut pink tourmaline from Pakistan, bordered by 14K yellow gold, the face further accented with 12 bezel-set diamonds, weighing a total of approximately 2.8 carats. The movement is a 7 day, key wind movement. with two key apertures to the face and a hinged, wooden panel opening at the back to reveal the movement, The panel having a small rhodochrosite cabochon knob to open. The matching of color, patterns of banding and seamlessness at the edges demonstrate this lapidary artist's virtuoso talents. This is a fine American-made collectible and heirloom. *Signed Kaufmann, dated 1985 and numbered K91R. Measuring 9 1/2 x 9 3/4 x 4in*

\$10,000 - 15,000

Accompanied by a certificate of authenticity by Jim Kaufman, dated 1985 and a key.

2271

RHODOCHROSITE HUMMINGBIRDS BY PETER MUELLER

Brazil

Bright red rhodochrosite birds, of good translucency, with lapis lazuli crest feathers, with gold vermeil feet resting upon a quartz cluster, with rock crystal quartz base. *Height 5 1/2 in*

\$1,200 - 1,500



2272

SPECTACULAR RHODOCHROSITE CROSS-SECTION SLAB

Capillitas Mine, Andalgalá, Catamarca, Argentina

The Capillitas Mine in northeastern Argentina has been mined since the times of the Incas. A thick cross-section slab of an immense stalactite, with twenty-two bull's eye's surrounded by translucent "ruby-red grapefruit" pink rhodochrosite of "gemmy" quality. With complete natural edges intact on all sides. Polished on both sides to a mirror finish. Such specimens have been dubbed "Inca Rose" in the mineral hobby, and very few of this size are known to exist in today's market. *Measuring 16 x 8 x 1/2 in*

\$30,000 - 40,000



2273



2274



2275

2273

LARGE RHODOCHROSITE FREE-FORM SCULPTURE

Argentina

Polished by Joel Hauser.

Contour polished to the face, to reveal the exceedingly fine "bacon fat" lines--the concentric banding for which this prized mineral is known. Such large and impressive specimens are no longer available in today's market. *Measuring 12 x 12 x 5in*

\$5,000 - 7,000

2274

GROUP OF SIXTEEN RHODOCHROSITES

Including a mid-sized cabinet specimen with bright red crystals on black matrix, *South Africa, height 2 1/2 in*; together with an additional fifteen rhodochrosites from world localities such as Santa Eulalia, Mexico, Argentina, Romania, Sweet Home Mine, Colorado, etc. (16)

\$1,500 - 2,000

To be sold without reserve

2275

GROUP OF SIX RHODOCHROSITES

Including five combination specimens, *Sweet Home Mine, Alma, Colorado*; and one miniature from China, *length 1 1/2 in* (6)

\$1,000 - 1,500

To be sold without reserve



2276

2276

RHODONITE BOWL

Idar-Oberstein, Germany

A small, decorative bowl carved of semi-translucent Russian rhodonite with typical black veining and characteristic color for the Russian deposit. The quality of a bowl should always be judged by how thin the sides are: in the present example where they are only 2.5mm thick, it is a sign of great lapidary expertise. *Diameter 5in*

\$1,200 - 1,500

To be sold without reserve

2277

RHODONITE CARVING OF A CARP

Taiwan

Carved from a single specimen of rhodonite originating in Taiwan, the nature of which is distinctly different from rhodonite from other locations such as Russia or Australia. A lighter pink which contrasts dramatically with the black veining make this an impressive and dynamic sculpture. *Height with stand 25in*

\$2,000 - 3,000

Offered on a custom-fitted wooden base.

2278

PAIR OF RED RHODONITES

Consuelo Lafaiete Minas Gerais, Brazil

This fine pair of pear-shaped faceted rhodonites, rare to say the least in crystallized form, have been faceted and would create a stunning pair of earrings. The mineral rhodonite is typically of splintery habit and therefore difficult to facet. The color is a characteristic rich, red watermelon hue which is particularly distinctive. *Total weight approximately 32.17 carats and each measuring approximately 30.14 x 11.5 x 5.15mm (2)*

\$3,000 - 5,000



2277



2278



2279



2280

2279

EXCEPTIONAL AND LARGE RHODONITE BOWL

Idar-Oberstein, Germany

Probably created during the 1960s of fine Russian Rhodonite which is no longer available in today's market, the present bowl is a masterwork of lapidary carving. With deep sides, rich color and black veining within the rich, hot pink colored mineral. This is a dramatic presentation piece. *Measures 10 3/4 x 6 3/4 in*

\$8,000 - 10,000

2280

LARGE RHODONITE SPHERE

Idar-Oberstein, Germany

En suite with the previous lot, the exceptional bowl, this sphere was made from rough found at the same location. The size is exceptionally large for rhodonite and this would have represented a considerable challenge to the lapidary artist. *Diameter 7in (17cm)*

\$1,500 - 2,000

2281

**RUBY CARVING DEPICTING BUDDHA BY
LUIS ALBERTO QUISPE APARICIO**

Carved from bright red Tanzanian ruby, the standing figure upon a spherical base, with a ruby bead necklace in one hand and an attribute in the other. on a circular rock crystal base, with mother-of-pearl coins decorating the base, with gold vermeil robes, *Measuring 19 x 8in*

\$20,000 - 30,000



(detail)





2282



2283

**2282
RUBY EVENING PURSE BY LUIS
ALBERTO QUISPE APARICIO**

A unique intarsia-work object which is both functional and beautiful, featuring a large hexagonal polished ruby plaque to each side, both notable for their precision of hexagonal color zoning. Fifteen "facets" are created with the flat panels of ruby which give the appearance of a large faceted gem. With ruby cabochon thumbpiece, set in gold vermeil and hinged opening to reveal a black silk lined interior. *Measuring 6 1/4 x 4 1/4 in*

\$8,000 - 10,000

**2283
TWO RUBY-IN-ZOISITE CARVINGS**

Each carved from a single piece of ruby-in-zoisite originating from Tanzania. The frog, carved of rich red ruby, on an integral zoisite branch and leaf, *height 2in*; the owl, carved of ruby integral with the base of zoisite on which he is perched. *Height 3 3/4in.* (2)

\$1,000 - 1,500



2284

**2284
RUBY-IN-ZOISITE CARVING OF A BEAR**

Carved from a single specimen of Tanzanian ruby-in-zoisite, depicting a bear with a tree stump, with inset green stone eyes. *Weighing approximately 7862 carats. Height 5 1/2 in*

**\$2,000 - 3,000
To be sold without reserve**



2285

2285

SUITE OF THIRTEEN RUBY CABOCHONS

A graduated suite of pear-shaped rubies having a deep red color, suitable for mounting as a necklace. *Weighing approximately 148.87 carats. The largest ruby weighing approximately 24.91 carats and measuring 22.36 x 16.84 x 7.55mm (13)*

\$10,000 - 15,000

Accompanied by a Gemological Institute of America report number 17199516 dated May 9, 2008 stating that the 24.91 carats pear-shaped ruby cabochon is translucent red, Natural Corundum, Natural Ruby and that it shows no indications of heat treatment.

2286

RUBY IN CALCITE MATRIX

Afghanistan

A mineral classic, this elongated natural ruby crystal of prismatic form, *total weight including the calcite matrix of 203 carats.* The luminous ruby crystal, which is highly fluorescent, *measuring approximately 28 mm x 11 mm x 11mm.*

Overall measuring 44mm x 32mm x 18mm

\$2,500 - 3,500



2286



2287

2287
RUBY EAGLE ON PYRITE BASE BY LUIS ALBERTO QUISPE

The eagle, with outstretched wings, carved of ruby-in-zoisite, with pink opal beak and gold vermeil feet, perched on a pyrite crystal cluster base, raised on a black basalt base. *Height 8 1/2in*

\$700 - 1,000



2288

2288
RUBY HUMMINGBIRDS ON A PRUNUS BRANCH BY LUIS ALBERTO QUISPE APARICIO

Consisting of two hummingbirds each carved of ruby on a gold vermeil branch of prunus flowers each carved of rubies, the irregular pentagon-shaped base formed of ruby in zoisite, with gold vermeil border. *Height 10 in*

\$2,000 - 3,000

2289
PAIR OF RUBY HUMMINGBIRDS ON A QUARTZ BASE BY PETER MUELLER

Brazil
 Each hummingbird carved of ruby-in-zoisite from Tanzania, with carnelian beaks, rubellite tourmaline cabochon eyes, and gold vermeil feet. The birds are perched on an attractive cluster of rock crystal quartz of good clarity, raised on a square base carved of rock crystal quartz. *Height 11in*

\$1,500 - 2,000

2290
FACETED RUBY BEAD NECKLACE

Designed to be worn as a bib necklace, comprising 8 stands of ruby beads from East Africa, graduating in size from 5.5mm to 10.3mm at the center, each designed as an oval-cut and drilled to one side. Completed with a cord closure, adjustable. *Total weight approximately 400 carats, length of shortest strand 17 in.*

\$1,500 - 2,000

2291
RUBY CABOCHON FROM A RARE LOCALITY

John Saul Mine, Tanzania
 The first gemstone deposits found in East Africa were in Longido, Tanzania. Their production was generally small or of poor quality gems. However, a fantastic mid-1970s discovery of chromium-rich rock yielded not only some wonderful green tourmalines but some wonderful rubies, also colored by chromium, which required no enhancement.

The color of these stones was splendid and their quality put East Africa on the map of gem-producing countries—right up there with Burma and Sri Lanka. Indeed some of the rubies from the mine were of such a fine distinctive shade of ruby-red which would later become a standard of quality. To cutters around the world the expression “johnsaul” simply grew to mean “very fine red” when it came to describing rubies. It is said that Van Cleef and Arpels bought a very large portion of the production of this mine at the time.

The present stone, an rounded-oval cabochon natural and unenhanced ruby is an excellent example of classic, natural material from this famed mine. Rubies which are unheated are scarce in the marketplace. *Weighing approximately 5.44 carats and measuring 10.9 x 10.2 x 4.6mm*

\$6,000 - 8,000

Accompanied by an American Gemological Laboratory report number 8085805 dated February 2017 stating that the ruby of 5.44 carats is natural and that it shows no evidence of heat enhancement.



2290

2291



(detail)



(detail)

2292

RUBY HEART-SHAPED BOX AND PENDANTS BY LUIS ALBERTO QUISPE APARICIO—“A RUBY AND QUARTZ MILAGRO”

The heart, caved of a single specimen of ruby from Tanzania, entirely hollowed out to create a receptacle. The opening bordered with gold vermeil, the edge lined with black leather. supported by gold vermeil flames. Atop a base of black onyx, edged with gold vermeil “flames”. The reverse side with incised line to indicate a “broken” heart, with gold vermeil stitching applied to indicated that it had been sewn back together. The optically clear, rock crystal quartz pendant, with applied wings set with small diamonds, suspended from a gold vermeil bail and chain. The second pendant carved from a very red ruby, set with two horns, mounted with accents of a line of small synthetic rubies. (5 pcs including chains) *Measuring 5 x 4 3/4in*

\$6,000 - 8,000

Offered in a custom-fitted leather presentation box.



2293

RUBY BEAD NECKLACE

India

Three-strand ruby bead necklace of imposing size consisting of fluted beads, *graduating from 8.0mm at the ends to 20.0 mm at the center*, completed with an Indian cord closure. *Total weight approximately 2900 carats. Length 19in, adjustable.*

\$2,000 - 3,000



2294

2294

RARE, LARGE MONTANA SAPPHIRE

El Dorado Bar, Montana

Montana sapphires are rarely seen in sizes above one carats, therefore the present stone is rare for its size. Faceted as a circular-cut, this stone is an American classic with its fine color and vibrant luster. It displays some color shift from blue to violet. *Weighing approximately 6.64 carats and measuring 10.50 x 7.48 mm*

\$12,000 - 15,000

2295

MONTANA FANCY-COLORED SAPPHIRE NECKLACE

A pretty necklace comprising thirteen circular and hexagonal-cut fancy colored sapphires originating from Montana, in hues of blue, lavender, pink, yellow, rose, green, violet, purple, on a unique knife-edge mounting of 18K yellow gold, with a fringe of three sapphires at the top. Montana sapphires originate from alluvial sources. Completed with a delicate chain. *Total weight of sapphires approximately 17.55 carats (13 stones)*

\$8,000 - 10,000

2296

BRIGHT ORANGE SAPPHIRE

Sri Lanka

A bright and scintillating orange sapphire having excellent luster and transparency. *Weighing approximately 7.85 carats and measuring 10.15 x 10.70 x 7.74 mm*

\$1,000 - 1,500

2297

PASTEL BLUE SAPPHIRE

Sri Lanka

An attractive cushion-shaped sapphire having a pastel blue to light lavender color and excellent transparency and luster. *Weighing approximately 7.66 carats and measuring 12.72 x 10.48 x 7.13mm*

\$1,000 - 1,500

2298

SAPPHIRE BEAD NECKLACE

Comprising five strands of shaded blue sapphires, fashioned into faceted beads, graduating from 7.7mm in the center to 4.6mm at the ends, from Sri Lanka and other localities, with a total weight of approximately 1090 carats, completed by a cord closure, *length of shortest strand 19in*

\$1,500 - 2,000



2295



2296



2297



2298



2299



2301



2300

2299

SAPPHIRE

Nigeria

A classic from a newer locality, this cushion-shaped unheated sapphire is characterized by a rich, royal blue color and excellent luster. *Weighing 4.37 carats and measuring 8.81 x 8.72 x 6.23mm*

\$4,000 - 6,000

Accompanied by a Gemological Institute of America report number 5181093793 dated January 16, 2017 stating that the cushion shaped sapphire originated from Nigeria and that it shows no indications of heating.

2300

YELLOW SAPPHIRE

Sri Lanka

This fine cushion-cut yellow sapphire is of sizeable proportions for the species. It displays a bright, vivid yellow natural color, as well as excellent clarity and luster. *Weighing approximately 15.53 carats and measuring 14.28 x 11.83 x 9.57mm*

\$6,000 - 8,000

Accompanied by an American Gemological Laboratories report number CS 1078573 dated October 3, 2016 stating that the 15.53 carats yellow sapphire is natural and that it show no evidence of heat treatment.

2301

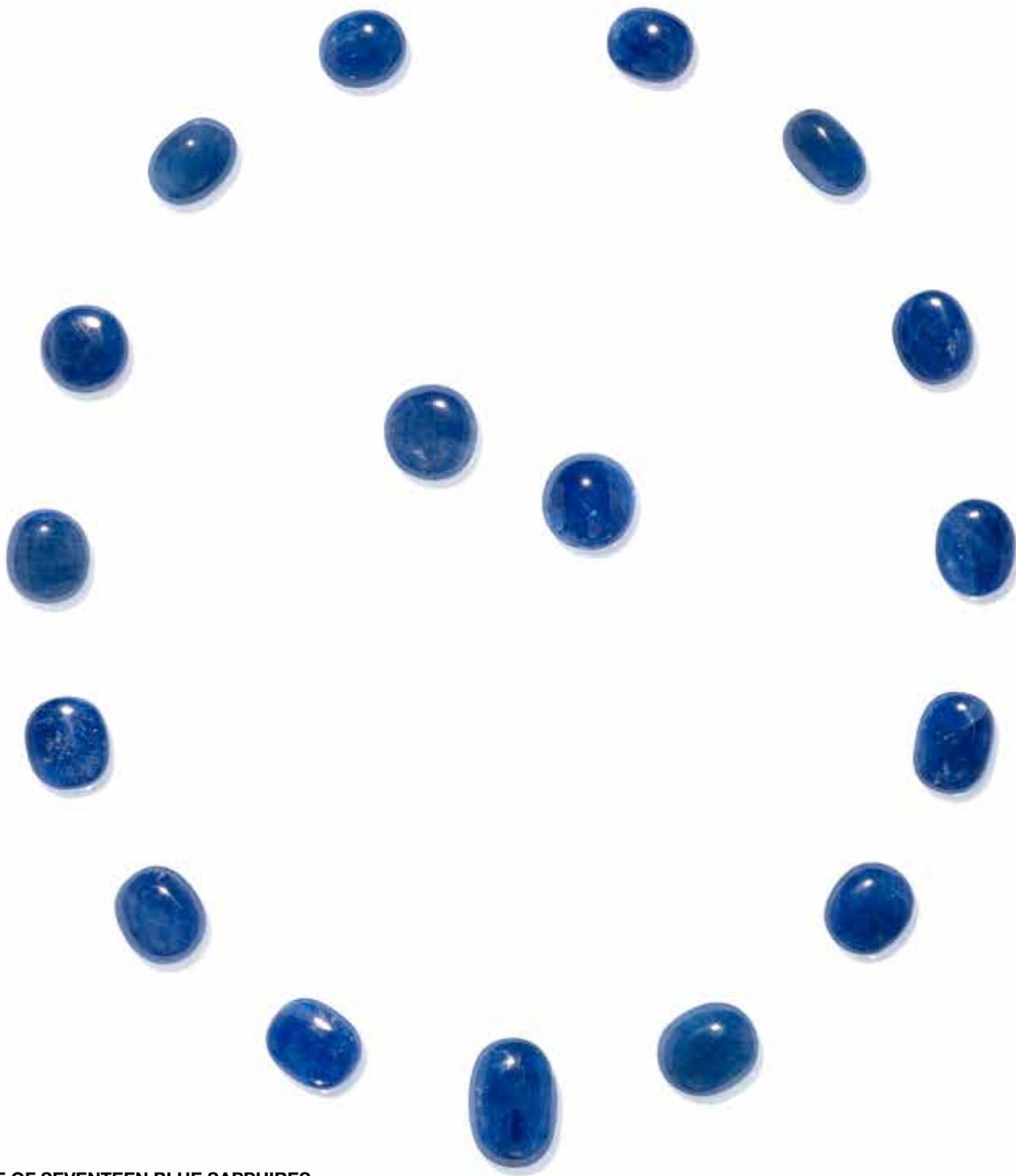
NATURAL ORANGE SAPPHIRE

Tanzania

An very fine, unenhanced sapphire which exhibits an attractive orange color, as well as excellent transparency and luster. Sapphires of this orange hue are very rare in the marketplace. *Weighing approximately 5.09 carats and measuring 10.2 x 6.9 x 7.4mm*

\$7,000 - 9,000

Accompanied by a Gemological Institute of America report number 1106128108866 dated August 24, 2011 stating that the 5.09 carats orange sapphire show no indications of heat treatment.



2302

SUITE OF SEVENTEEN BLUE SAPPHIRES

Burma

Suitable for mounting as a necklace and a pair of earrings, comprising seventeen oval cabochon sapphires, well-matched for their rich blue, unenhanced color and degree of transparency. *Total weight approximately 184.70 carats. Largest sapphire cabochon weighs 11.58 carats and measuring 19.3 x 13.40 x 4.09mm. (17)*

\$15,000 - 20,000



2303

EXCEPTIONAL COLOR-SHIFT PURPLE SAPPHIRE

Sri Lanka

This fine sapphire, faceted as an oval-cut, is particularly rare due to its lack of enhancements. This is an exceptionally beautiful sapphire which exhibits a rare color with a shift and it is further made special due to its high clarity and luster. *Weighing approximately 13.51 carats and measuring 15.64 x 12.21 x 8.92mm*

\$45,000 - 55,000

Accompanied by a Gemological Institute of America report number 16880535 dated February 28, 2008 stating that the 13.51 carats sapphire shows no evidence of heat treatment and also that the stone exhibits a change of color when viewed under daylight or fluorescent vs. incandescent light.



2304

2304
REVERSE INTAGLIO-CUT YELLOW SCAPOLITE BY DALAN HARGRAVE

Tanzania

Featuring concave-cut "bubbles" to the pavillion, this elongated gem would ideally lend itself to being mounted as a pendant. *Weighing approximately 30.47 carats and measuring 42 x 13 x 10mm*

\$2,000 - 3,000

2305
YELLOW SCAPOLITE

Tanzania

Scapolite, coming from the Greek word for "shaft", is commonly found in stubby to long prismatic crystals, hence the derivation of its name. It forms in metamorphic rocks from the alteration of plagioclase feldspars. Not well known among the general public as a gemstone it is, nonetheless, a desirable stone for collectors. Its luster is superb and with a Mohs hardness of 6.5 it would be of sufficient durability to be mounted as a pendant. The present offering includes a daffodil yellow, marquise shaped scapolite, *weighing approximately 9.98 carats and measuring 19.6 x 11.5 x 8.19mm*

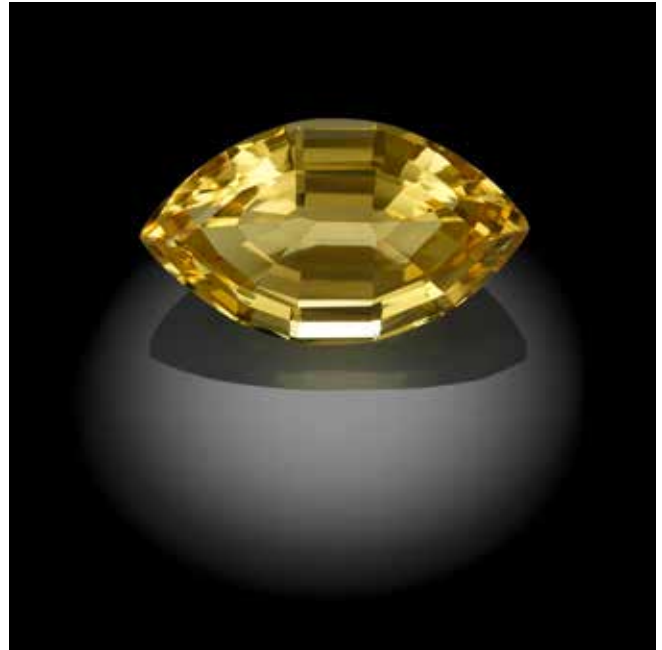
\$1,200 - 1,500
To be sold without reserve

2306
TWO SCHEELITES

China

The first, featuring a well-formed scheelite crystal on a bed of muscovite, *length 4 1/2 in*; together with a second specimen which features a scheelite crystal on matrix with a cluster of large, lustrous goshenite crystals, measuring up to 3cm along the edge. *Measuring 5 x 4 x 2 1/2 in (2)*

\$800 - 1,200



2305



2306



2307

2307

SELENITE ON CUSTOM STAND

New Mexico

A translucent selenite slab of dramatic scale. The panel is mounted in a robust, custom-made steel stand. *Overall measurements, including stand: 35 x 18 x 10 1/2 in*

\$1,200 - 1,500



2309

2308

SERPENTINE IGUANA CARVING WITH QUARTZ

China

Carved from a massive specimen of serpentine, the vivid chartreuse green color which is natural to the stone evoking the reptilian quality of the subject. Raised on a black base. *Measuring 8 3/4in x 16in 10 3/4in (22cm x 40cm x 27cm)*

\$5,000 - 7,000

2309

GROUP OF FOUR SERPENTINE BOXES

Russia

Three of the boxes having hinged lids, one with inset red jasper panel, *lengths 4 1.2 x 3 3/4 x 3 1/2 in*; together with another serpentine box with removable lid, having a frog finial with cabochon garnet eyes, *length 4in (4)*

\$1,200 - 1,500

To be sold without reserve



2308

2310

IMPRESSIVE SHATTUKITE NECKLACE

Shattuck Mine, Bisbee, Arizona

Shattukite is a rare copper silicate mineral, which like a number of other secondary copper minerals has a very attractive blue color. It is named after its type locality, The Shattuck Mine, where it was first discovered in the copper mines of Bisbee, Arizona. At the Shattuck Mine, it forms pseudomorphs after malachite, i.e. it replaces the crystal structure of the original malachite atom by atom. Shattukite takes a very good polish and is particularly excellent when used for carving— it is rarely seen in bead form as it appears here. A desirable stone for metaphysics, many believe that this mineral stimulates the energies of the throat chakra and the third-eye, producing clear concise verbalization of psychic visions and the contacts with other worlds. The present bib necklace consists of 5 strands of rondel and barrel-shaped beads of shattukite, completed with an adjustable silver clasp to allow for varying lengths, *total aggregate weight approximately 936 carats, length of shortest strand: 16in*

\$600 - 800

To be sold without reserve



2310

2311

PAIR OF YELLOW SILLIMANITES

Brazil

Also known as fibrolite, due to its long slender fibrous crystals it is rare to find yellow sillimanite rather than the more typical colorless examples. It is particularly rare to find a pair that is so well matched for the strength of their color, size and overall appearance. This pair is from the more interesting, lesser-known locality of Brazil— rather than the more common deposits of India or Sri Lanka. Beautifully faceted as modified oval-cuts this pair would make a fine pair of earrings and their hardness of 6 to 7 on the Mohs scale easily lends them to being mounted. An excellent offering for the knowledgeable collector of rarities. *Together weighing approximately 28.56 carats and measuring 18.91 x 14.14 x 7.10 ans 18.64 x 14.33 x 6.94 (2)*

\$600 - 800



2311



2312

2312

NATIVE SILVER SPECIMEN

Uchucchacua Mine, Oyon Province, Lima Department, Peru

A classic locality for native metals, the Uchucchacua mine contains primarily gold, zinc and lead as well as being the origin of the present fine cabinet specimen. Distinguished by its exemplary dendritic crystallization, this well-formed specimen on a quartz matrix is capable of standing on its own. This is an important specimen for the knowledgeable collector. *Measuring 3 x 2 1/2 x 2 3/4 in*

\$18,000 - 22,000

2313

GROUP OF NINE SMITHSONITES

World Localities

Small cabinet specimens, including two pink smithsonites, a cobaltian smithsonite, a purple specimen, four cuprian smithsonites and a yellow example. *Length of longest 3in (9)*

\$600 - 800

To be sold without reserve

2314

MAGNIFICENT SPHALERITE

Picos de Europa Mountains, Cantabria, Santander Province, Spain

A modified Portuguese rose-cut, with a domed crown having twelve facets to the apex/center and numerous additional crown and star facets and a fully faceted pavilion. This stone is extremely scintillating and dispersive due to the expert faceting and multitude of facets which cause a myriad of reflective surfaces inside the stone further brightening the optics. *Weighing approximately 23.28 carats and measuring 16.69 x 11.78mm*

\$1,500 - 2,000



2313



2314



2315

2315

LARGE SPHENE

Madagascar

Sphene is the older name for the mineral titanite and is derived from the Greek meaning “wedge” referring to its classic wedge-shaped crystal habit—it is still used by gemologists to describe gem-quality titanite. The name titanite is more typically used amongst mineralogists today and refers to its content of titanium. Madagascar remains the main source for facet-grade sphene. The present cushion-shaped stone is very large for the species and it is an excellent example of this classic gem from Africa, with just the right hue and shade of green. The dispersion is excellent and it lends an additional vibrance to this rare collector stone which is very infrequently seen in such a large size. *Weighing approximately 16.10 carats and measuring 14.66 x 12.25 x 10.95mm*

\$7,000 - 9,000

2316

LARGE PURPLISH-PINK SPINEL

Badakhshan, Afghanistan

Originating from the famous province in Afghanistan which is noted for its deposits of ruby, spinel and lapis. “Balas rubies” were the old name for spinel. this fine, very large purplish-pink spinel is a classic for this region. Spinel of over 10 carats are considered rare. *Weighing approximately 10.42 carats and measuring 15.19 x 10.75 x 8.48mm*

\$15,000 - 20,000

Accompanied by a Gemological Institute of America Certificate number 1176926579 dated October, 21 2016 stating that the 10.42 carats Purplish Pink spinel is natural.

2317

BLUE SPINEL

Burma

A large blue spinel, faceted as a cushion-shape, which exhibits flashes of green. Both the clarity and luster are excellent. *Weighing approximately 4.03 carats and measuring 9.8 x 9.4 x 6.14mm*

\$1,200 - 1,500

To be sold without reserve



2316



2317



2318

2318
FIREY RED SPINEL

Burma

A classic for the locality, this beautiful cushion-cut red spinel has the most desirable color so sought-after in this species. It is also distinguished by its high clarity and luster. *Weighing approximately 3.4 carats and measuring 9.62 x 7.78 x 6.20mm*

\$10,000 - 15,000

Accompanied by a certificate from Lotus Gemology Laboratory, Bangkok, Thailand dated November 2, 2016 stating that the antique cushion-cut faceted 3.40 carats spinel is a vivid medium-deep red with no indications of heating or treatment.

2319
RED SPINEL

Burma

An oval cut spinel having a deep orange-red color as well as excellent transparency and luster. *Weighing approximately 5.35 carats and measuring 10.88 x 10.09 x 6.79mm*

\$1,000 - 1,500
To be sold without reserve

2320
THREE RED SPINEL NECKLACES

Burma

Comprising three strands of polished red spinel beads, *graduating from 15.15 to 6.27mm*, suitable for wearing either separately or together. It is rare to see large tumbled beads of spinel available in the market. *Total approximate weight: 542.5 carats. Length 22 in (3)*

\$1,500 - 2,000

2321
DEEP VIOLET-BLUE COLOR-SHIFT SPINEL

Burma

Faceted as a classic oval-cut, this large spinel shows color shift from a rich violet to blue depending upon the angle of observation. Spinel of over 5 carats are considered rare. *Weighing approximately 6.72 carats and measuring 12.66 x 9.73 x 6.53mm*

\$2,000 - 3,000
To be sold without reserve

2322
LAVENDER SPINEL

Burma

A classic for the region, this pretty lavender spinel is faceted in a cushion-shape to best show off its high clarity and luster. *Weighing approximately 3.04 carats and measuring 9.53 x 8.29 x 5.22mm*

\$1,500 - 2,000
To be sold without reserve

2323
GROUP OF NINE REDDISH AND PINK SPINELS

East Africa

Comprising oval, cushion and pear shapes of a variety of reddish and pinkish hues. *Weighing approximately 18.28 carats. The largest weighing 2.73 carats (9)*

\$2,000 - 3,000
To be sold without reserve



2319



2320



2323



2321



2322



2324



2327



2325



2326

2324

YELLOW SPODUMENE

Afghanistan

A large crystal of golden greenish yellow color, with striated faces on three sides and a cleaved face on the remaining side, which presents a view into the interior allowing the transparency to be seen. One face has a small pink kunzite conjoined crystal emerging at a right angle to the main crystal. The spodumene crystal fluoresces under long wave ultra violet light. *Weighing 2731 grams. Measuring 10 x 4 x 2 in*

\$2,000 - 3,000

To be sold without reserve

2325

KUNZITE

Afghanistan

A large, pale pastel pink, oval-cut having exceptional clarity and luster. *Weighing approximately 40.46 carats and 25.30 x 19.05 x 11.84mm*

\$800 - 1,200

To be sold without reserve

2326

CALIFORNIA KUNZITE

Oceanview Mine, Pala District, San Diego County, California

An oval-cut of deep, slightly purplish pink color, exhibiting excellent transparency and luster. *Weighing approximately 46.65 carats and measuring 25.03 x 17.87 x 15.35mm*

\$4,000 - 6,000

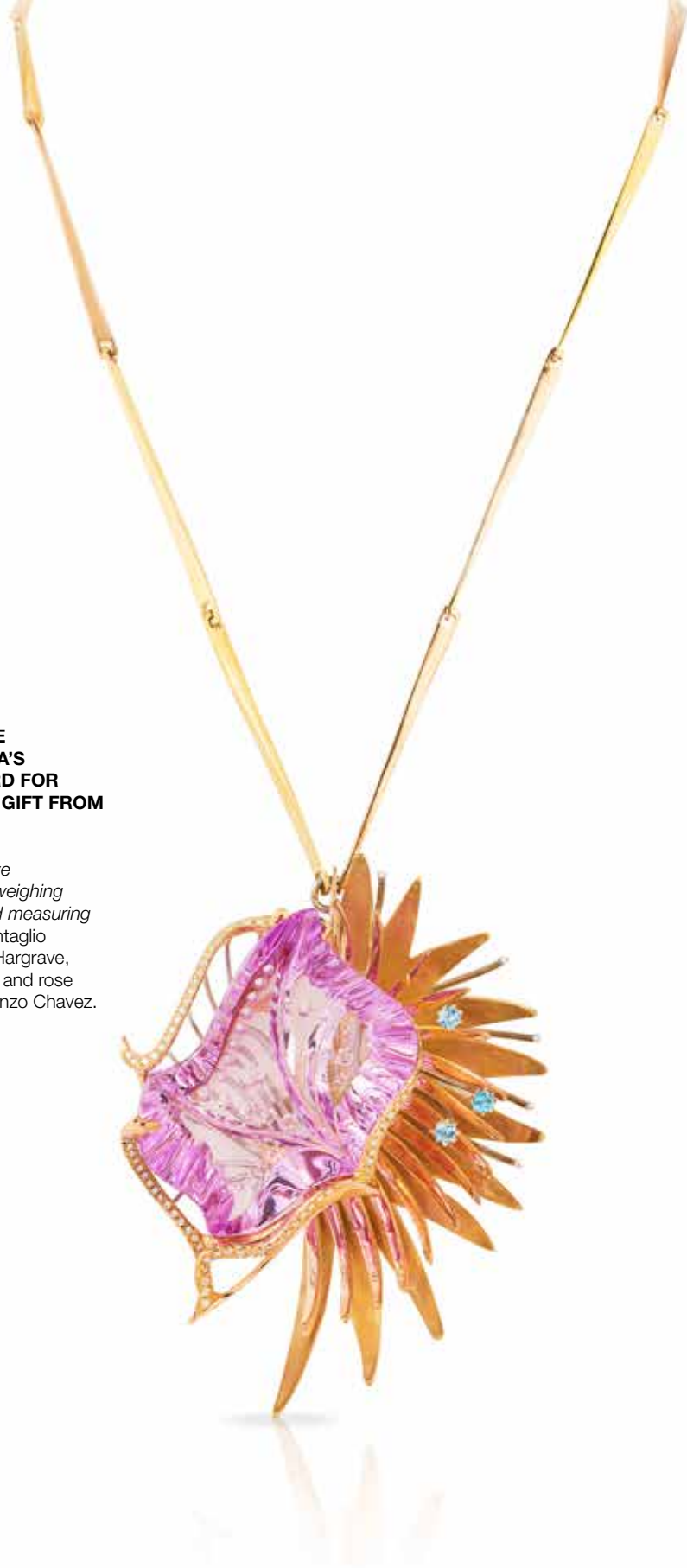
2327

SUGILITE HUMMINGBIRDS ON AN AMETHYST ROSE BY PETER MUELLER

Brazil

Each bird carved of rich purple sugilite from South Africa, with brown agate beaks, gold vermeil feet, perched upon an amethyst crystal cluster known as an "amethyst rose". Raised on a custom-fitted black acrylic base. *Height 9in*

\$1,200 - 1,500



2328

**REVERSE INTAGLIO KUNZITE
PENDANT—WINNER OF AGTA'S
“FASHION FORWARD” AWARD FOR
BEST OF SHOW, 2017—“THE GIFT FROM
THE ABYSS’**

Designed by Lorenzo Chavez

Kunzite carved by Dalan Hargrave

*The stunning free-form kunzite, weighing
approximately 124.73 carats and measuring
40.0 x 29.0 x 12.5mm, reverse intaglio
carved by noted lapidary Dalan Hargrave,
set in a platinum and 18K yellow and rose
gold necklace, designed by Lorenzo Chavez.
Length 16 in*

\$10,000 - 15,000



2329

2329

VERY FINE TANZANITE BEAD NECKLACE

Arusha, Tanzania

A fine, gem-quality faceted tanzanite bead necklace, *graduating from 13.05 in the center to 7.7mm at the ends*, completed by a yellow gold clasp. *Weighing approximately 385 carats, length 18in*

\$10,000 - 15,000

Accompanied by a Gemological Institute of America report number 5151512226 dated June 27, 2013 stating that the center round faceted bead in the necklace was tested and identified as Zoisite species var. tanzanite.

2330

TANZANITE

Arusha, Tanzania

A fine, oval-cut tanzanite of brilliant violet hue, having excellent transparency and luster. *Weighing approximately 10.97 carats and measuring 15.52 x 12.10 x 8.53 mm*

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories report numbered 8085803 dated February 14, 2017 stating that the violetish blue tanzanite of 10.97 carats has had no clarity enhancement. The color of tanzanite is commonly the result of a relatively low temperature heating process.

2331

FINE PAIR OF TANZANITES

Arusha, Tanzania

Two fine oval-cut tanzanites, both well-matched for their having a deep, rich violet hue from one angle of observation and a blue hue from the other. *The first, weighing approximately 15.46 carats and measuring 17.54 x 13.58 x 8.57mm and the second one, weighing approximately 15.87 carats and measuring 17.97 x 13.51 x 8.93m (2)*

\$4,000 - 6,000



2330



2331





2332

LARGE TANZANITE

Arusha, Tanzania

This cushion-shaped tanzanite which exemplifies the trichoric qualities of this mineral. The color is violet through the face but blue from the side axis. Faceted as an "old mine" cushion shape for an air of elegance. 46.65 carats and measuring 23.11 x 17.33 x 13.72mm

\$12,000 - 15,000



2333



2334



2335

2333

LARGE TANZANITE

Arusha, Tanzania

A large oval-cut tanzanite of exceptional quality, the present stone is notable for the rich royal blue which can be seen through the face. A slightly more violet hue is seen through the side axis. *Weighing approximately 22.51 carats and measuring 19.71 x 14.33 x 10.82mm*

\$8,000 - 10,000

2334

ZOISITE VAR. TANZANITE

Merelani, Tanzania

A cabinet specimen, this is a medium-sized, natural crystal of tanzanite having a smaller conjoined crystal to the front as well as a well-formed termination and striated faces. Tanzanites are naturally tri-chroic and this specimen shows blue on one axis, violet on another and greyish-blue to a third, *repaired*. *Measuring 1 3/4 x 1 1/8 x 1/2in*

\$1,500 - 2,000

To be sold without reserve

Offered on a labeled lucite base.

2335

TIGER'S EYE MATRIX CARVING OF AN ELEPHANT

Western Australia

This is a very difficult mineral to handle for carving given the varying hardness of the three minerals combined namely: tiger's eye quartz, hematite and red jasper. The mother and offspring are fashioned in a stylized manner and polished to a high sheen. *Length 7 1/2 in*

\$600 - 800

To be sold without reserve



2336

2336
**TIGER'S IRON MATRIX CONTEMPLATION
 STONE**

Western Australia

Tiger's eye matrix is a fascinating "combination" mineral whose origins date back over two billion years ago. When tectonic plates shifted to form the Australian continent, deposits of red jasper, chatoyant tiger's eye and black hematite were forced together under great pressure. The ancient ornamental gemstone, sometimes called tiger's eye matrix, is the fascinating product of these monumental geologic events. Because the physical properties of each of the three minerals differ so greatly, only an experienced lapidary has the ability to work this material. The tiger iron used in the present lot is of exceptional quality, displaying flashing veins of golden-toned tiger's eye, red jasper of a saturated rust-red hue and metallic black hematite. *Measuring 16 x 12 1/2 x 3 1/2in*

\$3,000 - 4,000

Offered on a removable wooden base.

2337
**GROUP OF SLABBED AND CONTOUR
 POLISHED MINERALS**

Including a large specimen of tiger iron matrix, *length 18 1/2in*, chrysocolla, *Peru*; mookite; Kanab sandstone, *Utah*, rhodochrosite, *Argentina*; seraphinite, *Russia*; varisite; California poppy jasper; purple tremolite; bumble bee jasper, *Australia*; brecciated pink opal, *Western Australia*; a septarian bear; a slab of Brazilian sodalite; puddingstone, marra mamba tiger's eye, *Western Australia*; polished picture jasper; cuprite in chrysocolla, *Sonora, Mexico*; petrified cycad slab; copper in matrix. (Approx 28 pcs)

\$800 - 1,200
To be sold without reserve



2337



2338

2338

IMPERIAL PINK TOPAZ

Ouro Preto, Brazil

Bright pink in color this is a classic lovely pink topaz from the premier location for this material.

Weighing approximately 14.98 carats and measuring 20.15 x 12.19 x 6.23mm

\$15,000 - 20,000



2339

2339

FANCY-CUT IMPERIAL TOPAZ

Faceted in Idar-Oberstein, Germany

This attractive Brazilian topaz possesses the most sought-after red-sherry hue for which topazes are known. The exceptional clarity is showcased with the fancy-cutting style expertly produced in Germany, with the concave-faceted pavillion. A fine stone for the knowledgeable collector. *Weighing approximately 26.28 carats and measuring 21.7 x 13.04 x 8.9mm*

\$18,000 - 22,000



2340

2340
“SWISS” BLUE TOPAZ--”A MEMBER OF THE 100 CARATS CLUB”

Brazil

Rich, well-saturated blue color, dubbed in the gem trade as “Swiss” blue topaz, exhibiting excellent clarity and luster. *Weighing approximately 117.90 carats and measuring 34.72 x 26.30 x 17.76mm*

\$1,500 - 2,000

2341

LARGE TOPAZ CRYSTAL

Brazil

Having a well-formed termination, striations to the sides, a pale blue color and etched patterns to one face, suitable either for display or for cutting rough. *Weighing approximately 1485 grams (7425 carats). Measuring 4 1/2 x 3 1/2 x 2 1/2in*

\$1,400 - 1,800

To be sold without reserve

2342

BLUE TOPAZ

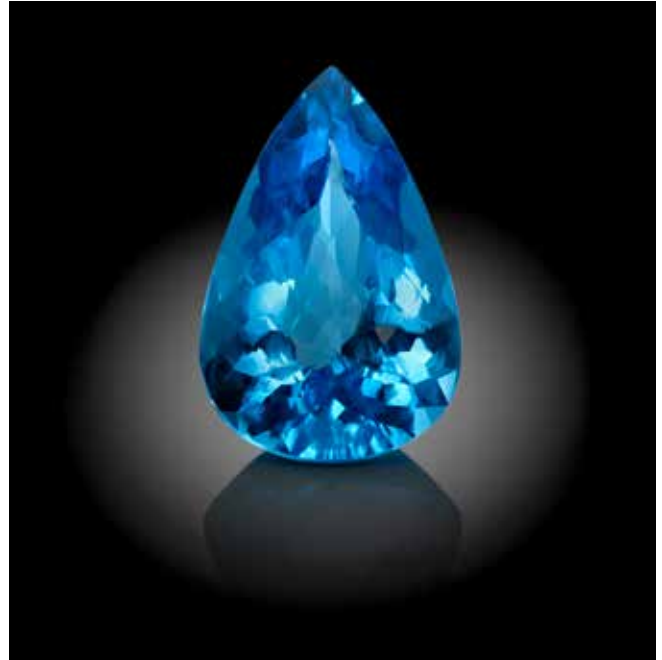
Brazil

Large pear-shaped blue topaz of rich color with excellent clarity and luster, faceted with a checkerboard cut. Suitable for mounting as a pendant. *Weighing approximately 87.50 carats and measuring 37.0 x 24.0 x 16.0mm*

\$1,000 - 1,500



2341



2342



2343

2343

SUITE OF SEVEN "LONDON" BLUE TOPAZ

Brazil

An attractive suite of deep rich blue, dubbed in the trade as "London" blue well-matched for color, clarity and luster. The largest weighing 22.30 carats and measuring 20.91 x 14.17 x 11.11mm, the rest weighing 19.64 cts, 19.70 carats, 19.54 cts, 20.30 cts, 21.05 cts, 19.03 cts. *Total weight approximately 141.4 carats. (7)*

\$4,500 - 6,500

2344

GROUP OF NINE TOPAZES

Brazil

Including a pear-shaped blue topaz with unenhanced color, *weighing approximately 29.04 carats*; a cushion-cut pale blue topaz, *weighing approximately 54.69 carats*; an emerald-cut pastel blue topaz, *weighing approximately 27.55 carats*; a large circular-cut blue topaz, *weighing approximately 84.25 carats*; a circular-cut colorless topaz, *weighing approximately 6.08 carats*; a circular-cut colorless topaz, *weighing 34.50 carats*, and another, *weighing approximately 18.20 carats*; a circular-cut sherry colored topaz, *weighing 6.92 carats*; and an oval-cut deep reddish-brown topaz, *weighing approximately 7.35 carats*; all most likely having natural, unenhanced color. (9)

\$1,500 - 2,000

To be sold without reserve

2345

BLUE TOPAZ BEAD NECKLACE

Brazil

Designed as a three-strand necklace, consisting of tumbled beads of pastel blue topaz, completed by a white gold clasp, *length 15in.*

\$1,200 - 1,500

2346

NATURAL BLUE TOPAZ NECKLACE

Brazil

Comprising 14 beads of natural blue topaz, most with natural crystal surfaces still intact along the outer edges, *weighing altogether 851.0 carats. Length 17in*

\$1,000 - 1,500

2347

PAIR OF BLUE TOPAZES

Each fashioned as an emerald-cut stone having a hue and tone which is called in the trade "London Blue" topaz, with excellent luster and clarity. *Weighing approximately 23.48 carats and 22.40 carats and measuring 17.2 x 14.4 x 10.3mm and 17.4 x 14.4 x 10.7mm (2)*

\$1,000 - 1,500



2344



2345



2346



2347



2348



2351



2349



2350

2348

SAN DIEGO "BLUE CAP" TOURMALINE CARVING OF AN EAGLE

Queen Mine, San Diego County, California

Carved by the famous Hing Wa Lee, of San Gabriel, California part of the well-known southern California jewelry dynasty. This fine carving makes use of the inherent qualities of the original crystal, with blue at the top and on the obverse (and significant cat's eye effect can be seen here) used to depict the foliage, graduating from deep purple at the base. *Weighing approximately 110 cts (222 grams). Height 3in*

\$3,000 - 5,000

2349

CALIFORNIA HOT PINK TOURMALINE

Himalaya Mine, Pala District, San Diego County, California

An attractive cushion-shaped stone having a modified, checkerboard faceted crown and step-cut pavilion. Having a bright candy colored or bubble gum pink hue for which tourmalines from this mine are noted. *Weighing approximately 20.69 carats and measuring 19.0 x 14.0 x 12.0mm*

\$1,000 - 1,500

2350

CALIFORNIA HOT PINK TOURMALINE

Pala District, San Diego County, California

Faceted as an elongated rectangular cut, this is vivid, hot pink tourmaline which exhibits exceptional clarity for stones from this region. This is a fine museum-quality example of its type with excellent luster. *Weighing approximately 47.30 carats and measuring 29.3 x 15.8 x 11.9mm*

\$5,000 - 7,000

2351

PAIR OF CALIFORNIA BI-COLOR TOURMALINES

Himalaya Mine, Pala District, San Diego County, California

Most likely cut from the same crystal of old mine material, with vibrant reddish pink rubellite to one side and bottle green to the other. These are particularly fine stones to have originated from the Himalaya mine. *Together weighing approximately 30.25 carats and measuring 17.77 x 12.13 x 8.22mm (2)*

\$2,500 - 3,500



2352

**IMPRESSIVE SUITE OF NINETEEN CALIFORNIA BI-COLOR
TOURMALINES**

Himalayan Mine, Pala District, San Diego County, California

En suite with the previous lot, this impressive suite was consigned by a San Diego tourmaline collector. Formed over a period of several years, many crystals were taken and high-graded resulting in the suite which you see here: well-matched crystals of deep red rubellite tourmaline, terminating in green tourmaline. This suite is sure to create a "statement piece" necklace. Total weight approximately 219.50 carats. The largest stone weighing approximately 18.5 carats. (19)

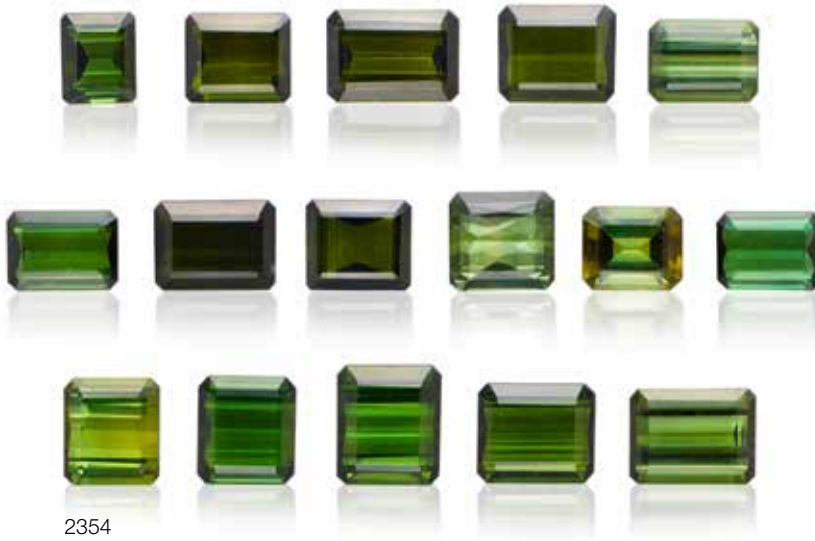
\$17,000 - 22,000



2353



2356



2354

2354
GROUP OF SIXTEEN GREEN TOURMALINES

A large group of emerald-cuts of various hues of green from deep bottle green to lighter shades, all with very good to excellent clarities, *the largest weighing approximately 13.0 carats. Total weight approximately 135.5 carats. (16)*

\$2,000 - 3,000
To be sold without reserve

2355
DEEP PINK TOURMALINE--"FRUTA" PINK TOURMALINE

Brazil
 A circular-cut, rich pink tourmaline the color of which is dubbed "Fruta" in Brazilian, meaning watermelon. The stone exhibits a checkerboard faceted top and pavillion which gives it increased scintillation. *Weighing approximately 20.33 carats and measuring 17.97 x 11.16mm*

\$1,000 - 1,500

2356
ORANGY-PINK TOURMALINE

Madagascar
 Faceted as a classic emerald-cut, the simple faceting style reveals the exceptionally high clarity of this stone. *Weighing approximately 26.28 carats and measuring 18.17 x 15.29 x 10.87mm*

\$800 - 1,200



2356

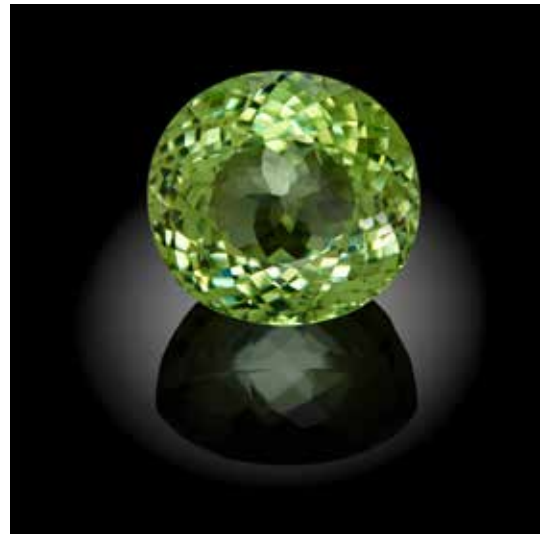
2353
LARGE RUBELLITE TOURMALINE

Mozambique
 This large cushion-shaped tourmaline has a deep rose color which appears all the more scintillating due to with checkerboard faceted crown and pavillion. *Weighing approximately 56.10 carats and measuring 23.04 x 20.0 x 16.35mm*

\$8,000 - 10,000



2357



2358



2359



2360

2357

FINE RUBELLITE

Brazil

A rich deep pinkish red this oval-cut rubellite is a fine example of the species with its excellent luster and clarity. *Weighing approximately 17.71 carats and measuring 16.68 x 14.76 x 11.36mm*

\$2,500 - 3,500

Accompanied by a Gemological Institute of America report numbered 16407598 dated November 19, 2007 stating that the tourmaline is purple-red and is known in the trade as "rubellite".

2358

LARGE MINT GREEN TOURMALINE

A bright and appealing stone with a pleasant mint green color. Faceted as an oval, Portuguese-cut stone, the transparency and luster on this stone is excellent, particularly for the species of tourmaline. *Weighing approximately 42.10 carats and measuring 19.6 x 18.46 x 15.2mm*

\$6,000 - 8,000

2359

EXCEPTIONAL RUBELLITE TOURMALINE

Brazil

A fine, sizeable rectangular-cut magenta pink tourmaline, with exceptional clarity and luster. *Weighing approximately 16.04 carats and measuring 18.9 x 12.03 x 8.32 mm*

\$3,000 - 5,000

2360

FINE GREEN TOURMALINE

Brazil

A classic for any gem collection, the present stone is faceted as a cut-cornered emerald-cut which best displays its very high transparency and bright, rich green color. *Weighing approximately 23.33 carats and measuring 19.13 x 13.81 x 9.58mm*

\$4,000 - 6,000



2361

**2361
EXCEPTIONAL PARAIBA TOURMALINE
SPECIMEN**

Paraiba, Brazil

Having two crystals which are conjoined and intersecting in a v-form, the longest measuring up to 2 inches, with vivid blue color and overtones of pink, the bright colors of which contrast against the white matrix. *Measuring 4 x 3 x 1 1/2 in*

\$10,000 - 15,000

**2362
INDICOLITE TOURMALINE**

Brazil

Faceted as an unusual elongated oval, most likely following the outline of the original crystal, this fine gemstone displays a deep rich blue color. *Weighing approximately 22 carats and measuring 31.34 x 13.32 x 7.31mm*

\$800 - 1,200

**2363
LARGE PINK TOURMALINE**

Madagascar

An oval-cut, deep rose pink tourmaline having both excellent luster and transparency. *Weighing approximately 37.06 carats and measuring 20.93 x 18.61 x 14.05mm*

\$2,500 - 3,500

**2364
CALIFORNIA PINK TOURMALINE
BUTTERFLY PENDANT**

King Mine, Pala District, San Diego County, California

Designed as a butterfly, the wings formed of cross-section slices of transparent pink tourmaline, with green at the upper edge, mounted in 18K yellow gold. *Width 2in*

\$1,200 - 1,500

**2365
CARVED PINK TOURMALINE**

A large plaque, suitable for mounting as a double-sided pendant of rich pink rubellite, carved in the traditional Mughal style with floral decoration to the front and pattern to the reverse side. translucent to transparent pink tourmaline. *Weighing approximately 85.85 carats and measuring 46.0 x 39.0 x 5.5mm*

\$1,200 - 1,500

**2366
PAIR OF MULTI-COLOR CARVED
TOURMALINE SLICES**

Brazil

A pair of consecutive cross-section slices of multi-color tourmaline, having approximately five different colors in each piece. The face of the slices, etched with fine lines, and the reverse sides, smooth polished. *Weighing approximately 70.85 carats. Height 2in*

\$1,500 - 2,000

**2367
PAIR OF PARAIBA TOURMALINE
CABOCHONS**

Paraiba, Brazil

Vivid blue in color and speckled with pink inclusions, these cabochons of a tourmaline are beautifully polished on both sides and would create a dramatic pair of ear pendants. *Together weighing approximately 30.50 carats and measuring 27.22 x 20.99 x 3.66mm (2)*

\$3,000 - 4,000

**2368
PAIR OF BRAZILIAN PARAIBA
TOURMALINE SLICES**

Paraiba, Brazil

Two large, cross-section slices of watermelon tourmaline from the type locality of Paraiba, Brazil. With hot pink centers and neon blue edges, still having the striations from the sides of the original crystals, suitable for mounting as a pair of earpendants. *Together weighing approximately 65.35 carats and measuring 32.8 x 28.4 x 3.33mm (2)*

\$12,000 - 15,000



2362



2363



2364



2365



2366



2367



2368



2369

VERY FINE CHROME TOURMALINE

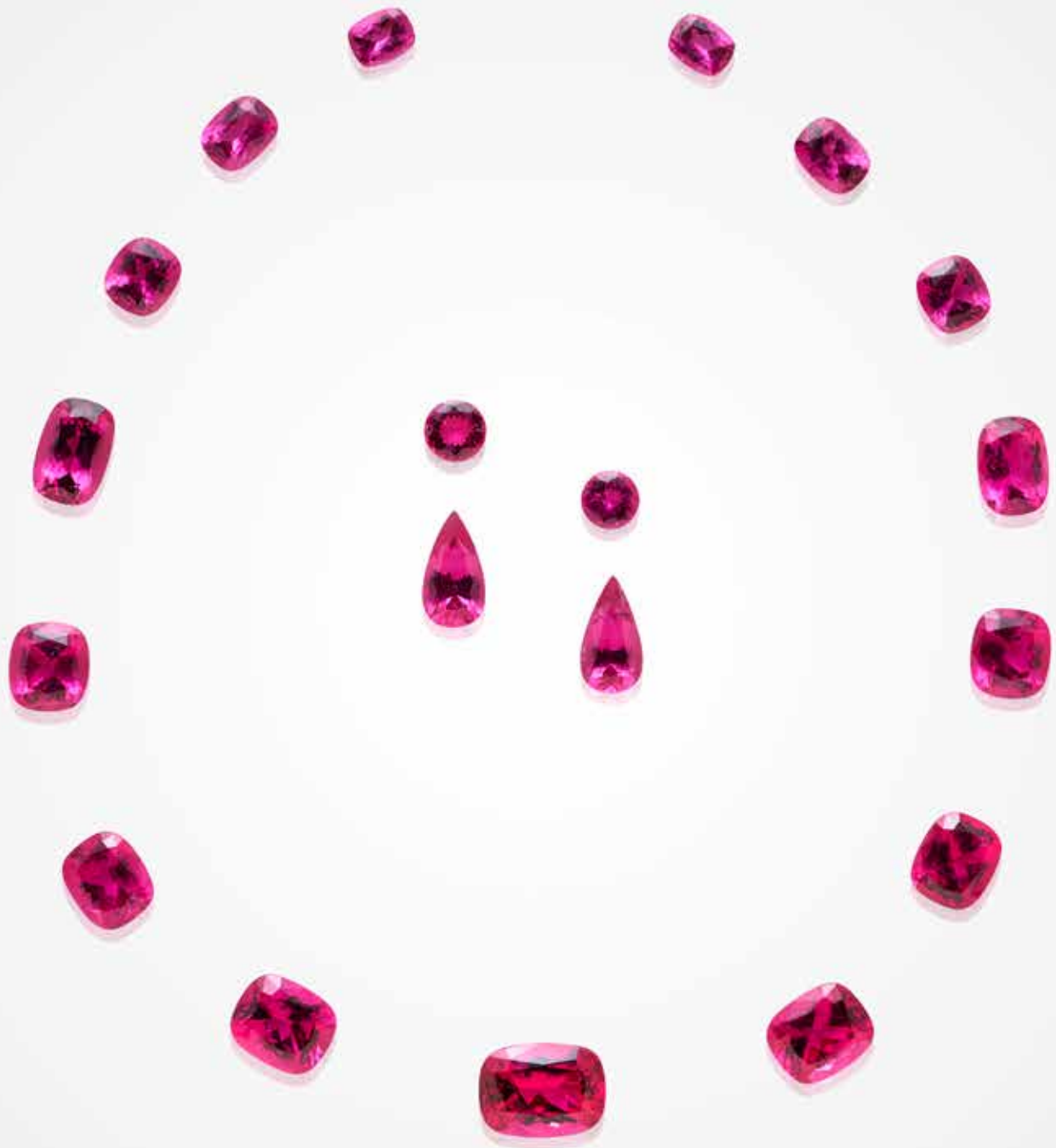
Tanzania

Found only in Tanzania, chrome tourmalines are a distinct member of the tourmaline group. Only very occasionally do they exhibit the bright, richly saturated green, typically associated with the best quality emeralds—thus it is no wonder that they are so highly prized. Deriving their rich color from chromium, just as emeralds do, but they are significantly more durable and are known for having better clarity. The present stone, with its rich green color, excellent transparency and lusters demonstrates the best characteristics of this sought-after variety of tourmaline. Chrome tourmaline is generally quite

rare, and it is particularly rare in sizes over one carat. A stone of fine quality weighing over one carat is especially rare. With a size of over 45 carats, the present is an exceptional and rare offering for the knowledgeable collector. . *Weighing approximately 45.84 carats and measuring 25.19 x 18.79 x 13.83mm*

\$30,000 - 40,000

Accompanied by a Gemological Institute of America report #233691259 dated September 9, 2016 stating for the yellowish green tourmaline that the color origin cannot currently be determined.



2370

MAGNIFICENT HOT PINK TOURMALINE SUITE

Mozambique

Such a well-matched suite would have taken years to collect through high-grading of rough for color and clarity. Comprising fifteen cushion-shaped hot pink tourmalines, the largest of which weighs 13.5 carats and measures 17.7 x 13.1 x 8.7mm. With four additional tourmalines for earrings: two circular-cut tourmalines, *together weighing 4.0 carats*, and two pear-shaped drops, *together weighing approximately 8.5 carats*. *Total weight approximately 103.17 carats.*

\$50,000 - 60,000



2371



2372



2373



2374



2375



2376

2371

**MULTI-COLOR TOURMALINE CARVING
DEPICTING A FISH**

Idar-Oberstein, Germany

Depicting a swimming fish, carved of multi-color tourmaline from Madagascar, weighing approximately 714.0 carats, graduating in color from purple to pink and smoky black. Offered on a slab of highly transparent smoky quartz. Measuring 5 1/2 x 4 1/2 x 3 3/4 in

\$3,500 - 4,500

2372

**MULTI-GEMSTONE CARVING OF
PARROTS BY PETER MUELLER**

Brazil

Each parrot carved of quartz with rhodonite tails and agate checks and under feathers, with gold vermeil feet, perched on a hot pink tourmaline base with lepidolite, raised on a square base of rock crystal quartz. Height 9 1/2 in

\$1,400 - 1,800

2373

**TOURMALINE CARVING DEPICTING A
BISON HEAD**

Idar-Oberstein, Germany

Mostly likely carved from tourmaline from Burma, with a core of hot pink graduating to dark green and black. A one-quarter view depicting the head and shoulders, realistically carved with complete texturing of hair and skin. Weighing approximately 538.5 carats (107.7 grams). Measuring 2 1/8 x 1 3/4 x 1 5/8 x in

\$1,500 - 2,000

2374

**MULTI-COLOR TOURMALINE PARROT
ON PINK OPAL BASE BY LUIS ALBERTO
QUISPE APARICIO**

The diminutive carving formed of multi-color tourmaline, with a green tourmaline beak, with gold vermeil feet, on a rock crystal quartz, raised on a rectangular pink Andean opal base. Height 5 in

\$1,000 - 1,500



2377

2375

LARGE RUBELLITE

Brazil

A fine rose-pink cushion-shaped rubellite having excellent transparency and luster. Transparent reddish pink tourmalines of this hue are known in the trade as "rubellite". Weighing approximately 31.59 carats and measuring 22.42 x 18.52 x 10.32mm

\$3,500 - 5,500

Accompanied by a Gemological Institute of America report numbered 2135605910 and dated July 18, 2011 stating that the 31.59 carats cushion-shaped pink tourmaline is natural.

2376

**LARGE SUGARLOAF CABOCHON
RUBELLITE**

Nigeria

A beautiful example of the species, this sugarloaf cabochon gem has a faceted bottom all of which reveal the high degree of clarity. Suitable for mounting as a ring or other fine jewelry. Weighing approximately 30.87 carats and measuring 18.45 x 16.22 x 12.73mm

\$4,500 - 6,500

Accompanied by a Gemological Institute of America report numbered 1132475841 dated Jun 7, 2011 stating that the purplish red tourmaline is known in the trade as "rubellite".

2377

**VERY FINE RUBELLITE TOURMALINE--A
MEMBER OF THE 100 CARATS CLUB"**

A deep red color, this very fine rubellite, faceted as an oval cut is a hot magenta red. It is a rarity for a tourmaline of this size to exhibit such good clarity. A rare, large stone for the tourmaline collector. Weighing approximately 103.45 carats and measuring 28.87 x 25.07 x 19.44mm

\$35,000 - 45,000



2378

2378

TURQUOISE BEAD NECKLACE

Sleeping Beauty Mine, Arizona

A single-strand bead necklace consisting of uniform turquoise beads of approximately 8.5mm with a 14K white gold clasp. *Length 19in*

\$3,000 - 4,000

2379

LARGE GROUP OF TURQUOISE CABOCHONS

Kingman, Arizona

A variety of triangular, pear-shaped and free-form cabochons of bright, robin's egg blue turquoise with brown spiderweb veining. *Total weight approximately 491.0 carats. (lot)*

\$2,500 - 3,000



2379



2380

2380

GROUP OF TEN VARISCITES

Utah

Of varied sizes and shapes, most of which are cross-section slices of nodules, the others are contour polished tabletop or cabinet-sized specimens. *Length of longest specimen: 10 1/2 in (10)*

\$1,200 - 1,500

2381

VIVIANITE ON SIDERITE MATRIX

Huanuni, Oruro Department, Bolivia

A mid-sized cabinet specimen, consisting of a large conjoined crystal of deep bottle green, on a brown matrix of siderite. Such well-terminated crystals of vivianite of such rich bottle green are now increasingly difficult to find in today's market.

Measuring 4 x 2 3/4 x 2 1/2 in

\$9,000 - 12,000

2382

GROUP OF WULFENITES, VANADINITES, CROCOITES AND MIMETITES

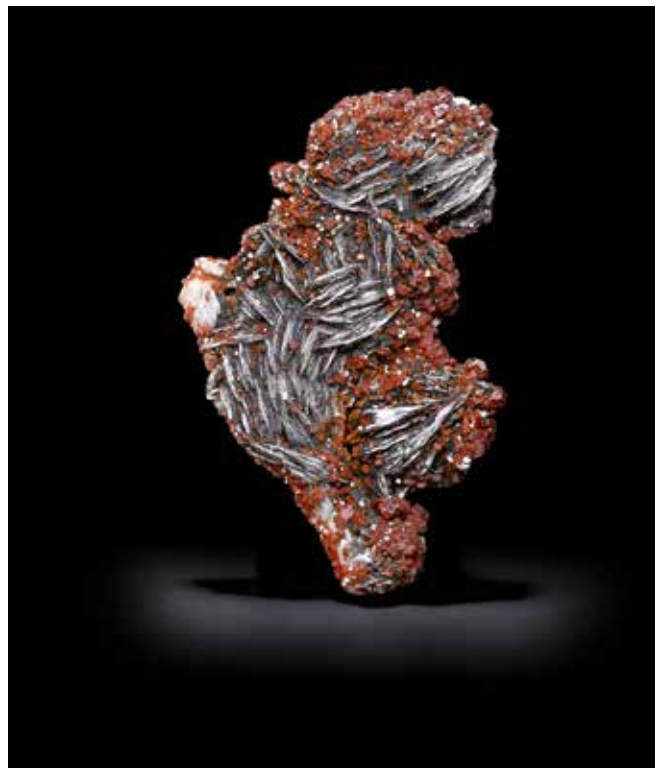
Including a double-sided vanadinite with barite having an attractive horizon, *Morocco, length 4 1/4 in*; a wulfenite, *San Pedro, Mexico*; a wulfenite, *Apache Mine, Arizona*; a wulfenite, *China*; a large crocoite crystal, *Tasmania*; and a *mimetite*, *Mexico*. (20)

\$1,000 - 1,500

To be sold without reserve



2381



2382



2383

2383

GROUP OF SEVENTEEN INDIAN MINERALS

Including green apophyllites on stilbite, *length 9in*; orange stilbites, creamy stilbites, and others. (17)

\$1,500 - 2,000

To be sold without reserve



2384

2384

GROUP OF FIVE INDIAN MINERALS

Including a mint green apophyllite on creamy white stilbite, *length 7in*; a near-colorless apophyllite, with stalactite formation, *height 8in*; a large green apophyllite plate, a stalactite cluster and a phrenite after laumonite, *length 8 1/2in(5)*

\$1,000 - 1,500

To be sold without reserve

2385

“ZEBRASTONE” SPHERE—A MINERALOGICAL MYSTERY

Johnny Cake Shale Formation, East Kimberly, Western Australia, Australia

Found only in the Johnny Cake Shale formation of Western Australia, this reddish-brown and white banded clay based rock is known as “ZebraStone”. While the reddish-brown color can be attributed to the presence of iron oxides, the origin of its unique pattern of stripes and dots has yet to be explained by geologists. The present large sphere displays the distinctive pattern for which this mineral is known, culminating in a “bull’s-eye” to one end, revealed by expert polishing which has produced a porcellaneous finish.

Diameter 7 1/2in

\$3,500 - 4,500



2386

2386

VERY LARGE GROUP OF MULTI-COLOR ZIRCONS

Cambodia

Faceted in a variety of shapes and including a range of colors: green, red, blue, cognac, near-colorless, orange, pink and brown zircons all having a high degree of transparency and luster. The largest cushion-shaped stone weighing approximately 13.84 carats and the smallest 1.19 carats. *Weighing approximately 221 carats (lot)*

\$2,500 - 4,500

To be sold without reserve

2387

GROUP OF EIGHT GEM MINERALS

World Localities

Including three aquamarines in matrix, *length 3in*; an "etched" green beryl and an "etched" aquamarine"; a Kunzite, *height 3in*; together with a schorl tourmaline and a multi-color tourmaline in matrix. (8)

\$800 - 1,200



2387



2388

2388

LARGE BLUE ZIRCON

Cambodia

Particularly large for the species, this is a very fine example of a blue zircon, displaying both excellent clarity and luster. *Weighing approximately 16.89 carats and measuring 14.81 x 10.40 x 9.68mm*

\$5,000 - 7,000

2389

SUITE OF THIRTEEN BLUE ZIRCONS

Cambodia

Suitable for mounting as a necklace, this is a well-matched suite of blue zircons having the same hue and clarities. *Total weight approximately 73.91 carats. The largest blue zircon weighing approximately 10.5 carats.*

\$8,000 - 10,000

2390

PAIR OF BLUE ZIRCONS

Cambodia

Each faceted as a classic emerald-cut, with vivid blue color and excellent clarity. *Together weighing approximately 22.85 carats and measuring 13.57 x 8.35 x 7.60mm*

\$4,000 - 6,000

2391

SUITE OF THREE HEART-SHAPED ZIRCONS

Cambodia

Well-matched for color and clarity, these pretty bright blue zircons have excellent luster and dispersion. *Weighing approximately 15.85 carats and the largest heart-shaped measuring 10.17 x 9.8 x 7.6mm(3)*

\$1,500 - 2,000

2392

BLUE ZIRCON

Cambodia

A pretty, oval-cut blue zircons having excellent luster, dispersion and vivid blue color. *Weighing approximately 5.76 carats and measuring 10.5 x 8.3 x 6.4mm*

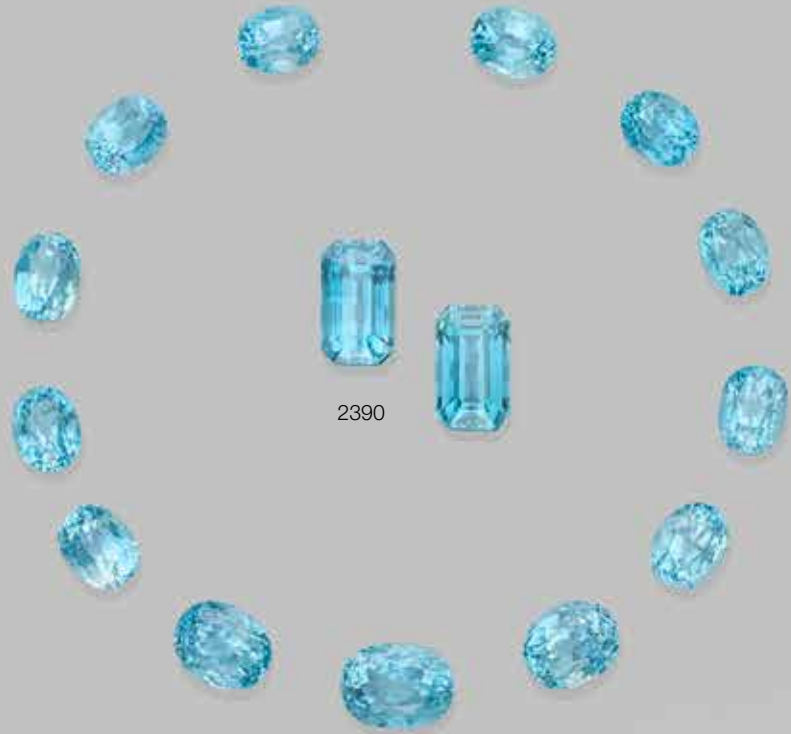
\$800 - 1,200

2393

MOONSTONE AND BLUE ZIRCON SUITE

Comprising four milky white moonstones, *together weighing approximately 23.0 carats*, from India together with two emerald-cut blue zircons from Cambodia. *The zircons together weighing approximately 6.55 carats (6)*

\$1,000 - 1,500



2390

2389



2391



2392



2393



2394

2394^Y

MULTI-GEMSTONE INTARSIA BOX AND TWO VASES

Crafted in Russia in the style of traditional work from this area. This group consists of a lapidary box comprising rhodochrosite, lapis, mother-of-pearl, malachite and Kalahari jasper, with removable lid, *length 4in*; together with two bud vases, consisting of intarsia panels of lapis, rhodochrosite, and serpentine inset into black onyx. *Heights 4in (3)*

\$1,500 - 2,000

To be sold without reserve

2395

GROUP OF FIVE BOWLS AND A COLLECTION OF AGATE SLICES

Idar-Oberstein, Germany

Consisting of two Brazilian agate banded bowls and an ashtray, carved in Germany, *lengths 4 1/2 in*; a Russian rhodonite bowl, *diameter 3in*; a malachite ashtray from the Congo, *length 4 1/2 in*; and approximately 15 agate cross-section slices, some of which have been dyed blue using the traditional Idar-Oberstein treatment. (lot)

\$300 - 500

To be sold without reserve

2396

PIETRA DURA TABLE

Depicting four song birds in a stylized "tree of life" design, inlaid with various gemstone materials such as sodalite and serpentine in black onyx. *Measuring 32 x 27 x 24in*

\$2,000 - 3,000



2395



2396



2396 (detail)



2397

2397
GROUP OF MINERAL EGGS AND SPHERES

World Localities

Including amazonite, jasper, Larimar, malachite, banded agate, blue lace agate, lapis lazuli, pietersite, picture jasper, rhodonite, chrysocolla, ruby in fuschite, eudialyte, banded fluorite, charoite, amber, seraphinite, orbicular jasper. *Diameter of rhodonite sphere: 2 3/4 in.* (Approx 38 pcs)

\$1,000 - 1,500

To be sold without reserve

2398

LARGE GROUP OF EIGHTEEN THUMBNAIL SPECIMENS

World Localities

Including a pink fluorite cluster on matrix, *Chamonix, France, height 1 1/8in*; a copper in calcite, *Mexico*; a copper; diopase crystal and another diopase on matrix, *Tsumeb, Namibia*; hematite, *Utah*; cinnabar on matrix, *China*; wulfenite, *Red Cloud Mine, Arizona*; pink fluorite, *Pakistan*; green fluorite on schorl; benitoite and neptunite on natrolite, *San Benito County, California*; rhodochrosite, *Colorado*; garnet; vanadinite, *Morocco*. (18)

\$1,500 - 2,000

To be sold without reserve



2398

2399

GROUP OF FOUR RUSSIAN HARDSTONE BOXES

Comprising a box with domed lid carved of red jasper, *length 4in*; a grey jasper box, *length 2 3/4*; another box carved of richterite, *length 3 1/2 in*; and a very small box carved of lapis lazuli, *length 1 3/4in*. (4)

\$1,200 - 1,500

To be sold without reserve



2399



2400

2400

CHAMPLEVÉ ENAMEL AND STONE CROSS

Late 19th Century

Featuring a champlevé enamel cross inscribed IHS, a monogram which is a symbol of Jesus Christ in the form of an acronym for *Iesus Hominum Salvator* signifying Jesus Savior of Men. With enameled holy water font, applied to a background of pink banded marble, with brass fitting to reverse side to allow for hanging. *Measuring 14 x 8 1/2 x 2in*

\$800 - 1,200

To be sold without reserve

END OF SALE

ARTISTS' BIOGRAPHIES AND INDEX

Luis Alberto Quispe Aparicio

Following a second-generation family tradition in the fabrication of objects d'art, Luis' studio specializes in the carving of ruby. The second hardest stone after diamond, few artists have managed to successfully work this mineral since it requires a very advanced technique for carving and polishing. His works are displayed in museums in the United States and Europe and are enjoyed by private collectors around the world.

Lots 2121, 2238, 2260, 2281, 2282, 2287, 2288, 2292, 2374

Dalan Hargrave

Dalan Hargrave began a career as a goldsmith in 1976 after taking college courses in Arts and Metals at San Antonio Junior College. During his career he advanced from repair work to light manufacturing, mold making, gem cutting and fabricating one-of-a-kind jewelry. His design studio presently specializes in custom mountings and lapidary work and he has established a number of signature gemstone styles which are exclusively his including: GemStarz, GemHeartz, Spiro-graphic-cuts, compound concave cuts and the 3-D Illusion series.

Hargrave only began cutting gemstones in 1998. Yet he has since received numerous "Spectrum" and "Cutting Edge Awards" from the American Gem Trade Association--a total of 22 with 3 "Best of Show"--an outstanding achievement for one so new in the field. In 2004, he was inducted into the National Rockhound/Lapidary Hall of Fame in the area of Metal Craft. Recently Hargrave received "Best of Competition" in the 2006 "Gemmys" competition sponsored by Lapidary Journal. In 2007, he received two additional "Gemmys" awards. His work has been featured before in Bonhams' Natural History auctions.

Lots 2304, 2328

Susan Judy

Susan Judy is an artist with a background in exploration geology. She has worked in stone relief sculpture since 1998. The process includes cutting, polishing, sanding and arranging a variety of semi-precious gems, crystals, fossils and other stone into abstract and geologic images. The geologic art includes stone geologic maps, stratigraphic columns, primordial landscapes and structural images.

Lot 2018

James Kaufman

Born in New York City in 1950, Jim Kaufman lived much of his life in New Jersey before moving to Sedona, Arizona where he presently resides. After serving a stint in the Army, he set up a rock shop and taught himself lapidary work that later became his forte. His inlay work has been influential on the work of many artists, including that of Nicolai Medvedev, and even the Native Americans of the Southwest with whom he is in contact in Arizona. Kaufman's exemplary work has garnered him three AGTA Cutting Edge Awards and he was inducted into the Lapidary Hall of Fame in 1997.

Lots 2270

Peter Mueller

Peter Mueller was born in 1952 near Lucerne, Switzerland. Following professional training in international banking he commenced a brilliant career in that field only to later be lured by the appeal of international travel—which lead him to live in Brazil in 1979. A chance encounter with a Brazilian carver of birds in 1984 inspired him to change his life's work. He established a workshop in semi-precious stone carvings that same year. His works are rich in unexpected beauty and surprising details. Naturally, no two carvings are identical. They are life-like reproductions of birds from the tropics and the Northern Hemisphere, hand-fabricated from natural colored precious stones from all over the world. The bases are hand-picked by Peter from several tons of rough, including Brazilian tourmalines and quartzes from eleven different mines, as well as many other rare minerals from his adopted country. Familiar with the work of Idar-Oberstein carvers since his childhood, Peter has made annual trips there over the last twenty years to learn new carving techniques. These skills are then imparted to his crew of carvers in Brazil, now considered to be the best trained craftsmen in that country. Peter Müller's lapidary work has been the subject of a number of articles including: Rock and Gem Magazine, May 2000 and Wildlife Art Magazine, March/April 2002.

Lots 2060, 2102, 2195, 2196, 2240, 2251, 2264, 2271, 2289, 2327, 2372

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Please note that all lots listed at the beginning of our printed catalog, if not removed immediately after the sale, will be transferred to a nearby storage facility. For the convenience of the successful bidder of one or more of these lots, all purchased lots will be transferred to our offsite storage together. Please read the Conditions of Sale regarding the removal of sold lots.

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- During this auction, clients will be expected to pick up all property from Bonhams by 5pm on Tuesday, May 30, 2017.
- All items listed at the beginning of our printed catalog, along with all other items purchased, if not removed immediately after the sale, will be transferred to Box Brothers warehouse. With an appointment made 24 hours in advance, clients can pick up their property at 220 W. Ivy Ave, Unit C in Inglewood.
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- Retrieval from the offsite warehouse is by appointment only. Clients must call 24 hours in advance. Clients can utilize the delivery services offered by Box Brothers or clients may make their own arrangements. Please call +1 (800) 474-7447.
- Box Brothers is available to ship internationally. They offer importing and exporting services. Clients can select either airfreight or ocean cargo delivery options, which range from door-to-port, door-to-airport with door-to-door service also available. Clients can ship one item, co-load or container load at a discounted rate through Box Brothers. Please call +1 (800) 474-7447 for more information.
- All purchases not designated for offsite storage will remain onsite at Bonhams for a period of 21 days beginning the date of the auction. During this 21 day period, clients may remove such property themselves, make arrangements with the Bonhams packaging and shipping department or provide their own shipper for removal of all property. If a client does not retrieve his/her property or finalize shipping arrangements within 21 days, the purchases will be removed to the offsite storage facility of Box Brothers. Again, uplift charges for packing and transport from our gallery to Box Brothers will be charged by Box Brothers.
- Payment of the hammer price, premium and any applicable sales taxes must be made directly to Bonhams prior to the release of property. Any removal, storage or other fees due to Box Brothers should be made directly to Box Brothers.
- Change of shipping address must be authorized by Bonhams Revenue Manager, Martin Romero, before Box Brothers will be permitted to re-route your purchases.

LOTS TO BE REMOVED TO STORAGE:

2007	2109	2231
2011	2116	2232
2012	2118	2234
2013	2119	2245
2037	2128	2243
2039	2136	2247
2042	2191	2248
2043	2192	2250
2047	2207	2257
2048	2214	2266
2049	2221	2277
2050	2222	2307
2052	2230	2396

JACKIE COLLINS

A Life in Chapters

16 - 17 May 2017

Los Angeles

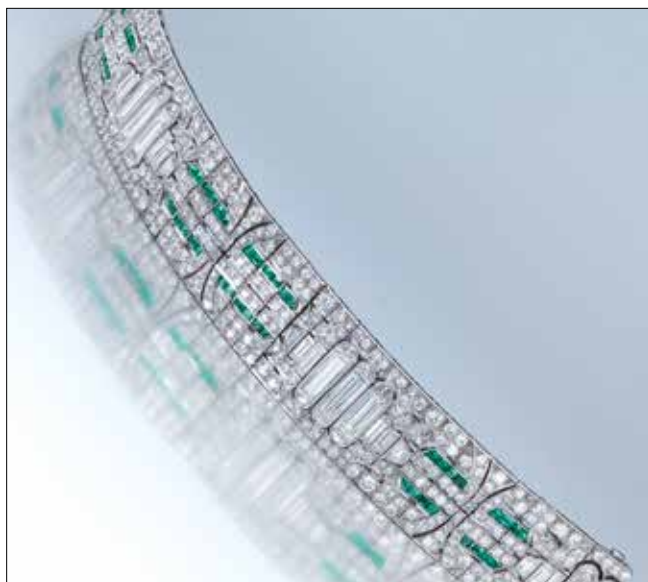
**A DIAMOND
SOLITAIRE RING**
Weighing 6.04 carats,
D color, VS2 clarity
\$100,000 - 150,000

**A DIAMOND AND
EMERALD BRACELET**
\$15,000 - 25,000

**A FRENCH ART DECO
DIAMOND AND EMERALD
CLIP**
\$20,000 - 30,000

**A DIAMOND AND
EMERALD NECKLACE**
\$40,000 - 60,000

ENQUIRIES
Jewelry and Watches
Kelly Sitek
+1 (323) 436-5424
kelly.sitek@bonhams.com



Bonhams

PRINTS AND MULTIPLES

Tuesday October 17
Los Angeles

Consignments now invited

FRANK STELLA

Sinjerli Variations, 1977
The complete set, six color
lithographs and screenprints
Sold for \$100,000

INQUIRIES

Judith Eurich
+1 (415) 503 3259
judith.eurich@bonhams.com

Morisa Rosenberg
+1 (323) 436 5435
morisa.rosenberg@bonhams.com



Bonhams

CONDITIONS OF SALE

The following Conditions of Sale, as amended by any published or posted notices or verbal announcements during the sale, constitute the entire terms and conditions on which property listed in the catalog shall be offered for sale or sold by Bonhams & Butterfields Auctioneers Corp. and any consignor of such property for whom we act as agent. If live online bidding is available for the subject auction, additional terms and conditions of sale relating to online bidding will apply; see www.bonhams.com/WebTerms for the supplemental terms. As used herein, "Bonhams," "we" and "us" refer to Bonhams & Butterfields Auctioneers Corp.

1. As used herein, the term "bid price" means the price at which a lot is successfully knocked down to the purchaser. The term "purchase price" means the aggregate of (a) the bid price, (b) a PREMIUM retained by us and payable by the purchaser EQUAL TO 25% OF THE FIRST \$150,000 OF THE BID PRICE, 20% OF THE AMOUNT OF THE BID PRICE ABOVE \$150,000 UP TO AND INCLUDING \$3,000,000, AND 12% OF THE AMOUNT OF THE BID PRICE OVER \$3,000,000, and (c) unless the purchaser is exempt by law from the payment thereof, any Arizona, California, Colorado, Connecticut, Florida, Georgia, Illinois, Massachusetts, Nevada, New Jersey, New York, Pennsylvania, Texas, Virginia, Washington, D.C., Washington state, or other state or local sales tax (or compensating use tax) and other applicable taxes.

2. On the fall of the auctioneer's hammer, the highest bidder shall have purchased the offered lot in accordance and subject to compliance with all of the conditions set forth herein and (a) assumes full risk and responsibility therefor, (b) if requested will sign a confirmation of purchase, and (c) will pay the purchase price in full or such part as we may require for all lots purchased. No lot may be transferred. Any person placing a bid as agent on behalf of another (whether or not such person has disclosed that fact or the identity of the principal) may be jointly and severally liable with the principal under any contract resulting from the acceptance of a bid.

Unless otherwise agreed, payment in good funds is due and payable within five (5) business days following the auction sale. Whenever the purchaser pays only a part of the total purchase price for one or more lots purchased, we may apply such payments, in our sole discretion, to the lot or lots we choose. Payment will not be deemed made in full until we have collected good funds for all amounts due.

Payment for purchases may be made in or by (a) cash, (b) cashier's check or money order, (c) personal check with approved credit drawn on a U.S. bank, (d) wire transfer or other immediate bank transfer, or (e) Visa, MasterCard, American Express or Discover credit, charge or debit card. A processing fee will be assessed on any returned checks. Please note that the amount of cash notes and cash equivalents that can be accepted from a given purchaser may be limited.

The purchaser grants us a security interest in the property, and we may retain as collateral security for the purchaser's obligations to us, any property and all monies held or received by us for the account of the purchaser, in our possession. We retain all rights of a secured party under the California Commercial Code. If the foregoing conditions or any other applicable conditions herein are not complied with, in addition to other remedies available to us and the consignor by law, including without limitation, the right to hold the purchaser liable for the purchase price, we at our option may either (a) cancel the sale, retaining as liquidated damages all payments made by the purchaser or (b) resell the property, either publicly or privately, and in such

event the purchaser shall be liable for the payment of any deficiency plus all costs and expenses of both sales, our commission at our standard rates, all other charges due hereunder, attorneys' fees, expenses and incidental damages. In addition, where two or more amounts are owed in respect of different transactions by the purchaser to us, to Bonhams 1793 Limited and/or to any of our other affiliates, subsidiaries or parent companies worldwide within the Bonhams Group, we reserve the right to apply any monies paid in respect of a transaction to discharge any amount owed by the purchaser. If all fees, commissions, premiums, bid price and other sums due to us from the purchaser are not paid promptly as provided in these Conditions of Sale, we reserve the right to impose a finance charge equal to 1.5% per month on all amounts due to us beginning on the 31st day following the sale until payment is received, in addition to other remedies available to us by law.

3. We reserve the right to withdraw any property and to divide and combine lots at any time before such property's auction. Unless otherwise announced by the auctioneer at the time of sale, all bids are per lot as numbered in the catalog and no lots shall be divided or combined for sale.

4. We reserve the right to reject a bid from any bidder, to split any bidding increment, and to advance the bidding in any manner the auctioneer may decide. In the event of any dispute between bidders, or in the event the auctioneer doubts the validity of any bid, the auctioneer shall have sole and final discretion either to determine the successful bidder or to re-offer and resell the article in dispute. If any dispute arises after the sale, our sales records shall be conclusive in all respects.

5. If we are prevented by fire, theft or any other reason whatsoever from delivering any property to the purchaser or a sale otherwise cannot be completed, our liability shall be limited to the sum actually paid therefor by the purchaser and shall in no event include any compensatory, incidental or consequential damages.

6. If a lot is offered subject to a reserve, we may implement such reserve by bidding on behalf of the consignor, whether by opening bidding or continuing bidding in response to other bidders until reaching the reserve. If we have an interest in an offered lot and the proceeds therefrom other than our commissions, we may bid therefor to protect such interest. **CONSIGNORS ARE NOT ALLOWED TO BID ON THEIR OWN ITEMS.**

7. All statements contained in the catalog or in any bill of sale, condition report, invoice or elsewhere as to authorship, period, culture, source, origin, measurement, quality, rarity, provenance, importance, exhibition and literature of historical relevance, or physical condition **ARE QUALIFIED STATEMENTS OF OPINION AND NOT REPRESENTATIONS OR WARRANTIES.** No employee or agent of Bonhams is authorized to make on our behalf or on that of the consignor any representation or warranty, oral or written, with respect to any property.

8. All purchased property shall be removed from the premises at which the sale is conducted by the date(s) and time(s) set forth in the "Buyer's Guide" portion of this catalog. Property designated with a "W" and associated purchased lots, if not removed promptly following sale, will be transferred to an offsite warehouse at the purchaser's risk and expense, as set forth in more detail in the "Buyer's Guide." Purchased property that is permitted to remain onsite at Bonhams' facility should be removed at the purchaser's expense not later than 5:00 p.m. Pacific Time five (5) business days following the date of the sale. If not so removed, a storage fee of \$5.00 per lot per day will be payable to us by the purchaser beginning at the close

of the 21st day following the sale, and we may thereafter transfer such property to an offsite warehouse at the purchaser's risk and expense. Accounts must be settled in full before property will be released. Packing and handling of purchased lots are the responsibility of the purchaser. Bonhams can provide packing and shipping services for certain items as noted in the "Buyer's Guide" section of the catalog.

9. The copyright in the text of the catalog and the photographs, digital images and illustrations of lots in the catalog belong to Bonhams or its licensors. You will not reproduce or permit anyone else to reproduce such text, photographs, digital images or illustrations without our prior written consent.

10. These Conditions of Sale shall bind the successors and assigns of all bidders and purchasers and inure to the benefit of our successors and assigns. No waiver, amendment or modification of the terms hereof (other than posted notices or oral announcements during the sale) shall bind us unless specifically stated in writing and signed by us. If any part of these Conditions of Sale is for any reason invalid or unenforceable, the rest shall remain valid and enforceable.

11. These Conditions of Sale and the purchaser's and our respective rights and obligations hereunder are governed by the laws of the State of California. By bidding at an auction, each purchaser and bidder agrees to be bound by these Conditions of Sale. Any dispute, controversy or claim arising out of or relating to this agreement, or the breach, termination or validity thereof, brought by or against Bonhams (but not including claims brought against the consignor by the purchaser of lots consigned hereunder) shall be resolved by the procedures set forth below.

MEDIATION AND ARBITRATION PROCEDURES

(a) Within 30 days of written notice that there is a dispute, the parties or their authorized and empowered representatives shall meet by telephone and/or in person to mediate their differences. If the parties agree, a mutually acceptable mediator shall be selected and the parties will equally share such mediator's fees. The mediator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling mediations. Any communications made during the mediation process shall not be admissible in any subsequent arbitration, mediation or judicial proceeding. All proceedings and any resolutions thereof shall be confidential, and the terms governing arbitration set forth in paragraph (c) below shall govern.

(b) If mediation does not resolve all disputes between the parties, or in any event no longer than 60 days after receipt of the written notice of dispute referred to above, the parties shall submit the dispute for binding arbitration before a single neutral arbitrator. Such arbitrator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling arbitrations. Such arbitrator shall make all appropriate disclosures required by law. The arbitrator shall be drawn from a panel of a national arbitration service agreed to by the parties, and shall be selected as follows: (i) If the national arbitration service has specific rules or procedures, those rules or procedures shall be followed; (ii) If the national arbitration service does not have rules or procedures for the selection of an arbitrator, the arbitrator shall be an individual jointly agreed to by the parties. If the parties cannot agree on a national arbitration service, the arbitration shall be conducted by the American Arbitration Association, and the arbitrator shall be selected in accordance with the Rules of the

CONDITIONS OF SALE - CONTINUED

American Arbitration Association. The arbitrator's award shall be in writing and shall set forth findings of fact and legal conclusions.

(c) Unless otherwise agreed to by the parties or provided by the published rules of the national arbitration service:

(i) the arbitration shall occur within 60 days following the selection of the arbitrator;

(ii) the arbitration shall be conducted in the designated location, as follows: (A) in any case in which the subject auction by Bonhams took place or was scheduled to take place in the State of New York or Connecticut or the Commonwealth of Massachusetts, the arbitration shall take place in New York City, New York; (B) in all other cases, the arbitration shall take place in the city of San Francisco, California; and

(iii) discovery and the procedure for the arbitration shall be as follows:

(A) All arbitration proceedings shall be confidential;

(B) The parties shall submit written briefs to the arbitrator no later than 15 days before the arbitration commences;

(C) Discovery, if any, shall be limited as follows: (I) Requests for no more than 10 categories of documents, to be provided to the requesting party within 14 days of written request therefor; (II) No more than two (2) depositions per party, provided however, the deposition(s) are to be completed within one (1) day; (III) Compliance with the above shall be enforced by the arbitrator in accordance with California law;

(D) Each party shall have no longer than eight (8) hours to present its position. The entire hearing before the arbitrator shall not take longer than three (3) consecutive days;

(E) The award shall be made in writing no more than 30 days following the end of the proceeding. Judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof.

To the fullest extent permitted by law, and except as required by applicable arbitration rules, each party shall bear its own attorneys' fees and costs in connection with the proceedings and shall share equally the fees and expenses of the arbitrator.

LIMITED RIGHT OF RESCISSION

If within one (1) year from the date of sale, the original purchaser (a) gives written notice to us alleging that the identification of Authorship (as defined below) of such lot as set forth in the **BOLD TYPE** heading of the catalog description of such lot (as amended by any saleroom notices or verbal announcements during the sale) is not substantially correct based on a fair reading of the catalog (including the terms of any glossary contained therein), and (b) within 10 days after such notice returns the lot to us in the same condition as at the time of sale, and (c) establishes the allegation in the notice to our satisfaction (including by providing one or more written opinions by recognized experts in the field, as we may reasonably require), then the sale of such lot will be rescinded and, unless we have already paid to the consignor monies owed him in connection with the sale, the original purchase price will be refunded.

If, prior to receiving such notice from the original purchaser alleging such defect, we have paid the consignor monies owed him in connection with the sale, we shall pay the original purchaser the amount of our commissions, any other sale proceeds to which we are entitled and applicable taxes received from the purchaser on the sale and make demand on the consignor to pay the balance of the original purchase price to the original purchaser. Should the consignor fail to pay such amount promptly, we may disclose the identity of the consignor and assign to the original purchaser our rights against the consignor with respect to the lot the sale of which is sought to be rescinded. Upon such disclosure and assignment, any liability of Bonhams as consignor's agent with respect to said lot shall automatically terminate.

The foregoing limited right of rescission is available to the original purchaser only and may not be assigned to or relied upon by any subsequent transferee of the property sold. The purchaser hereby accepts the benefit of the consignor's warranty of title and other representations and warranties made by the consignor for the purchaser's benefit. Nothing in this section shall be construed as an admission by us of any representation of fact, express or implied, obligation or responsibility with respect to any lot. **THE PURCHASER'S SOLE AND EXCLUSIVE**

REMEDY AGAINST BONHAMS FOR ANY REASON WHATSOEVER IS THE LIMITED RIGHT OF RESCISSION DESCRIBED IN THIS SECTION.

"Authorship" means only the identity of the creator, the period, culture and source or origin of the lot, as the case may be, as set forth in the **BOLD TYPE** heading of the print catalog entry. The right of rescission does not extend to: (a) works of art executed before 1870 (unless these works are determined to be counterfeits created since 1870), as this is a matter of current scholarly opinion which can change; (b) titles, descriptions, or other identification of offered lots, which information normally appears in lower case type below the **BOLD TYPE** heading identifying the Authorship; (c) Authorship of any lot where it was specifically mentioned that there exists a conflict of specialist or scholarly opinion regarding the Authorship of the lot at the time of sale; (d) Authorship of any lot which as of the date of sale was in accordance with the then generally-accepted opinion of scholars and specialists regarding the same; or (e) the identification of periods or dates of creation in catalog descriptions which may be proven inaccurate by means of scientific processes that are not generally accepted for use until after publication of the catalog in which the property is offered or that were unreasonably expensive or impractical to use at the time of such publication.

LIMITATION OF LIABILITY

EXCEPT AS EXPRESSLY PROVIDED ABOVE, ALL PROPERTY IS SOLD "AS IS." NEITHER BONHAMS NOR THE CONSIGNOR MAKES ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY, FITNESS OR CONDITION OF THE PROPERTY OR AS TO THE CORRECTNESS OF DESCRIPTION, GENUINENESS, ATTRIBUTION, PROVENANCE OR PERIOD OF THE PROPERTY OR AS TO WHETHER THE PURCHASER ACQUIRES ANY COPYRIGHTS OR OTHER INTELLECTUAL PROPERTY RIGHTS IN LOTS SOLD OR AS TO WHETHER A WORK OF ART IS SUBJECT TO THE ARTIST'S MORAL RIGHTS OR OTHER RESIDUAL RIGHTS OF THE ARTIST. THE PURCHASER EXPRESSLY ACKNOWLEDGES AND AGREES THAT IN NO EVENT SHALL BONHAMS BE LIABLE FOR ANY DAMAGES INCLUDING, WITHOUT LIMITATION, ANY COMPENSATORY, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SELLER'S GUIDE

SELLING AT AUCTION

Bonhams can help you every step of the way when you are ready to sell art, antiques and collectible items at auction. Our regional offices and representatives throughout the US are available to service all of your needs. Should you have any further questions, please visit our website at www.bonhams.com/us for more information or call our Client Services Department at +1 (800) 223 2854 ext. 23550.

AUCTION ESTIMATES

The first step in the auction process is to determine the auction value of your property. Bonhams' world-renowned specialists will evaluate your special items at no charge and in complete confidence. You can obtain an auction estimate in many ways:

- Attend one of our Auction Appraisal Events held regularly at our galleries and in other major metropolitan areas. The updated schedule for Bonhams Auction Appraisal Events is available at www.bonhams.com/us.
- Call our Client Services Department to schedule a private appointment at one of our galleries. If you have a large collection, our specialists can travel, by appointment, to evaluate your property on site.
- Send clear photographs to us of each individual item, including item dimensions and other pertinent information with each picture. Photos should be sent to Bonhams' address in envelopes marked

as "photo auction estimate". Alternatively, you can submit your request using our online form at www.bonhams.com/us. Digital images may be attached to the form. Please limit your images to no more than five (5) per item.

CONSIGNING YOUR PROPERTY

After you receive an estimate, you may consign your property to us for sale in the next appropriate auction. Our staff assists you throughout the process, arranging transportation of your items to our galleries (at the consignor's expense), providing a detailed inventory of your consignment, and reporting the prices realized for each lot. We provide secure storage for your property in our warehouses and all items are insured throughout the auction process. You will receive payment for your property approximately 35 days after completion of sale.

Sales commissions vary with the potential auction value of the property and the particular auction in which the property is offered. Please call us for commission rates.

PROFESSIONAL APPRAISAL SERVICES

Bonhams' specialists conduct insurance and fair market value appraisals for private collectors, corporations, museums, fiduciaries and government entities on a daily basis. Insurance appraisals, used for insurance purposes, reflect the cost of replacing property in today's retail market. Fair market value appraisals are used for estate,

tax and family division purposes and reflect prices paid by a willing buyer to a willing seller.

When we conduct a private appraisal, our specialists will prepare a thorough inventory listing of all your appraised property by category. Valuations, complete descriptions and locations of items are included in the documentation.

Appraisal fees vary according to the nature of the collection, the amount of work involved, the travel distance, and whether the property is subsequently consigned for auction.

Our appraisers are available to help you anywhere and at any time. Please call our Client Services Department to schedule an appraisal.

ESTATE SERVICES

Since 1865, Bonhams has been serving the needs of fiduciaries – lawyers, trust officers, accountants and executors – in the disposition of large and small estates. Our services are specially designed to aid in the efficient appraisal and disposition of fine art, antiques, jewelry, and collectibles. We offer a full range of estate services, ranging from flexible financial terms to tailored accounting for heirs and their agents to world-class marketing and sales support.

For more information or to obtain a detailed Trust and Estates package, please visit our website at www.bonhams.com/us or contact our Client Services Department.

BUYER'S GUIDE

BIDDING & BUYING AT AUCTION

Whether you are an experienced bidder or an enthusiastic novice, auctions provide a stimulating atmosphere unlike any other. Bonhams previews and sales are free and open to the public. As you will find in these directions, bidding and buying at auction is easy and exciting. Should you have any further questions, please visit our website at www.bonhams.com or call our Client Services Department at +1 (800) 223 2854 ext. 23550.

Catalogs

Before each auction we publish illustrated catalogs that include dates and times for previews and auctions. Our catalogs also provide descriptions and estimated values for each "lot." A lot may refer to a single item or to a group of items auctioned together. We offer our catalogs by subscription or by single copy. For information on subscribing to our catalogs, you may refer to the subscription form in this catalog, call our Client Services Department, or visit our website at www.bonhams.com/us.

Previews

Auction previews are your chance to inspect each lot prior to the auction. We encourage you to look closely and examine each object on which you may want to bid so that you will know as much as possible about it. Items are sold "as is" and with all faults; illustrations in our catalogs, website and other materials are provided for identification only. At the previews, our staff is always available to answer your questions and guide you through the auction process. Condition reports may be available upon request.

Estimates

Bonhams catalogs include estimates for each lot, exclusive of buyer's premium and tax. The estimates are provided as an approximate guide to current market value and should not be interpreted as a representation or prediction of actual selling prices. They are determined well in advance of a sale and are subject to revision. Please contact us should you have any questions about value estimates.

Reserves

All lots in a catalog are subject to a reserve unless otherwise indicated. The reserve is the minimum price that the seller is willing to accept for a lot. This amount is confidential and does not exceed the low estimated value.

BIDDING AT AUCTION

At Bonhams, you can bid in many ways: in person, via absentee bid, over the phone, or via Bonhams' online bidding facility. Absentee bids can be submitted in person, online, via fax or via email.

A valid Bonhams client account is required to participate in bidding activity. You can obtain registration information online, at the reception desk or by calling our Client Services Department.

By bidding at auction, whether in person or by agent, by absentee bid, telephone, online or other means, the buyer or bidder agrees to be bound by the Conditions of Sale.

Lots are auctioned in consecutive numerical order as they appear in the catalog. Bidding normally begins below the low estimate. The auctioneer will accept bids from interested parties present in the saleroom, from telephone bidders, and from absentee bidders who have left written bids in advance of the sale. The auctioneer may also execute bids on behalf of the consignor up to the amount of the reserve, but never above it.

We assume no responsibility for failure to execute bids for any reason whatsoever.

In Person

If you are planning to bid at auction, you will need to register at the reception desk in order to receive a numbered bid card. To place a bid, hold up your card so that the auctioneer can clearly see it. Decide on the maximum amount that you wish to pay, exclusive of buyer's premium and tax, and continue bidding until your bid prevails or you reach your limit. If you are the successful bidder on a lot, the auctioneer will acknowledge your paddle number and bid amount.

Absentee Bids

As a service to those wishing to place bids, we may at our discretion accept bids without charge in advance of sale by telephone, by facsimile or in writing on bidding forms available from us. "Buy" bids will not be accepted; all bids must state the highest bid price the bidder is willing to pay. Our auction staff

will try to bid just as you would, with the goal of obtaining the item at the lowest bid price possible. In the event identical bids are submitted, the earliest bid submitted will take precedence. Absentee bids shall be executed in competition with other absentee bids, any applicable reserve, and bids from other auction participants. A friend or agent may place bids on your behalf, provided that we have received your written authorization prior to the sale. Absentee bid forms are available in our catalogs, online at www.bonhams.com/us, and at our San Francisco, Los Angeles and New York galleries.

By Telephone

Under special circumstances, we can arrange for you to bid by telephone. To arrange for a telephone bid, please contact our Client Services Department a minimum of 24 hours prior to the sale.

Online

Web users may place absentee bids online from anywhere in the world. To bid online, please visit our website at www.bonhams.com/us.

We are pleased to make our live online bidding facility available to bidders in this sale.

Additional terms and conditions of sale relating to online bidding will apply. Please see www.bonhams.com/24039 or contact the Client Services Department to obtain information and learn how you can register and bid online in this sale.

Bid Increments

Bonhams generally uses the following increment multiples as bidding progresses:

\$50-200	by \$10s
\$200-500	by \$20/50/80s
\$500-1,000	by \$50s
\$1,000-2,000	by \$100s
\$2,000-5,000	by \$200/500/800s
\$5,000-10,000	by \$500s
\$10,000-20,000	by \$1,000s
\$20,000-50,000	by \$2,000/5,000/8,000s
\$50,000-100,000	by \$5,000s
\$100,000-200,000	by \$10,000s
above \$200,000	at auctioneer's discretion

The auctioneer may split or reject any bid at any time at his or her discretion as outlined in the Conditions of Sale.

Currency Converter

Solely for the convenience of bidders, a currency converter may be provided at Bonhams sales. The rates quoted for conversion of other currencies to U.S. Dollars are indications only and should not be relied upon by a bidder, and neither Bonhams nor its agents shall be responsible for any errors or omissions in the operation or accuracy of the currency converter.

Buyer's Premium

A buyer's premium is added to the winning bid price of each individual lot purchased, at the rates set forth in the Conditions of Sale. The winning bid price plus the premium constitute the purchase price for the lot. Applicable sales taxes are computed based on this figure, and the total becomes your final purchase price.

Unless specifically illustrated and noted, fine art frames are not included in the estimate or purchase price. Bonhams accepts no liability for damage or loss to frames during storage or shipment.

All sales are final and subject to the Conditions of Sale found in our catalogs, on our website, and available at the reception desk.

Payment

All buyers are asked to pay and pick up by 3pm on the business day following the auction. Payment may be made to Bonhams by cash, checks drawn on a U.S. bank, money order, wire transfer, or by Visa, MasterCard, American Express or Discover credit or charge card or debit card. All items must be paid for within 5 business days of the sale. Please note that payment by personal or business check may result in property not being released until purchase funds clear our bank.

Sales Tax

Residents of states listed in Paragraph 1 of the Conditions of Sale must pay applicable sales tax. Other state or local taxes (or compensation use taxes) may apply. Sales tax will be automatically added to the invoice unless a valid resale number has been furnished or the property is shipped via

common carrier to destinations outside the states listed in the Conditions of Sale. If you wish to use your resale license please contact Cashiers for our form.

Shipping & Removal

Buyers are to review the Offsite Sold Property Storage page for a list of lots that will be removed to the offsite warehouse of Box Brothers. These designated lots must be retrieved by the buyer prior to the day and time designated on the Offsite Sold Property Storage page. If buyers of these designated lots also buy other lots, such as decorations, rugs or works of art, these lots may also be removed to the warehouse of Box Brothers, so all lots remain together and customers can collect or ship from one location. All other items will remain at Bonhams for a period of 21 days, after which time they may be transferred to offsite storage. Wine, Jewelry, Natural History, Collectibles, 20th Century Decorative Arts, Rugs, Native American Art, Tribal Art and most Arms & Armor auctions are not included in this policy.

Box Brothers San Leandro (for San Francisco auctions only)
1471 Doolittle Drive, San Leandro, CA 94577
Tel (800) 942 6822; Fax (510) 628 8454

Box Brothers Los Angeles (for Los Angeles auctions only)
220 W. Ivy Ave, Unit C, Inglewood, Ca 90302
+1 (310) 419 9915 or +1 (800) 474 7447

Box Brothers is open Monday-Friday 8am-5pm with Saturday and Sunday hours available. Buyers must contact Box Brothers 24 hours in advance of pickup. Appointments are required.

Bonhams can accommodate shipping for certain items. Please contact our Cashiers Department for more information or to obtain a quote. Refer to Conditions of Sale for special terms governing the shipment of Arms and Wine. Shipments are made during weekday business hours up to four weeks after payment is received. Carriers are not permitted to deliver to P.O. Boxes.

International buyers are responsible for all import/export customs duties and taxes. An invoice stating the actual purchase price(s) will accompany all international purchases.

Simultaneous sale property collection notice:

If this sale previews in multiple cities, please see the title page for details regarding final location of property for collection.

Handling and Storage Charges

Please note: For sold lots removed to Box Brothers, there will be no post-sale storage charge for lots collected within 5 days from the sale date. For lots that remain at Bonhams, there will be no post-sale storage charge for lots collected within 21 days of the sale date. Handling fees may apply.

Lots uncollected at Bonhams after 21 days may be removed to the warehouse of Box Brothers. Handling and storage fees will apply.

Insurance: All sold lots are insured by Box Brothers at the sum of the hammer price plus buyer's premium.

Please refer to Box Brothers for a list of Handling, Storage and Insurance fees.

Payment

Payments for purchased lots must be made directly to Bonhams. Box Brothers will not release property to a buyer unless the buyer has paid Bonhams first. All charges for handling and storage due to Box Brothers must be paid by the time of collection from their warehouse. Please telephone Box Brothers at +1 (800) 474 7447 in advance to ascertain the amount due. **Lots will only be released from Box Brothers' warehouse with a "Release Order" obtained from the cashier's office at Bonhams.**

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To find out the final purchase price for any lot following the sale, please call our automated auction results line at +1 (800) 223 2854 ext. 3400. Auction results are usually available on the next business day following the sale or online at www.bonhams.com/us.

Catalog Order Form

Bonhams

Please check the Auction Catalog(s) you would like to receive, complete the address and payment information below and send the completed form via email to catalogs.us@bonhams.com, or via fax at (415) 861 8951, or mail to:

Bonhams
220 San Bruno Avenue
San Francisco, California 94103

If you have any questions please contact us at +1 (800) 223 2854

Category Name	Internal	Domestic Address*	International Address*	Issues per year**
19th CENTURY PAINTINGS (Including Russian and Dogs in Art)	PIC41	<input type="checkbox"/> \$200	<input type="checkbox"/> \$280	5
20TH CENTURY FURNITURE & DECORATIVE ARTS	FRN21	<input type="checkbox"/> \$160	<input type="checkbox"/> \$200	4
AFRICAN, OCEANIC & PRE-COLUMBIAN ART	TRI12	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
AMERICAN & CALIFORNIA WESTERN PAINTINGS & SCULPTURE	PIC40	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250	5
ARMS, ARMOR AND MODERN SPORTING GUNS	ARM10	<input type="checkbox"/> \$80	<input type="checkbox"/> \$100	2
ASIAN WORKS OF ART	ASN10	<input type="checkbox"/> \$360	<input type="checkbox"/> \$430	9
BONHAMS QUARTERLY MAGAZINE	MAGB	<input type="checkbox"/> \$30		4
BOOKS, MANUSCRIPTS & RELATED CATEGORIES	BKS10	<input type="checkbox"/> \$320	<input type="checkbox"/> \$400	8
COINS AND BANKNOTES	CNS10	<input type="checkbox"/> \$160	<input type="checkbox"/> \$200	4
CONTEMPORARY ART (Including Made in California)	PIC50 & PIC52	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250	5
ENTERTAINMENT MEMORABILIA & COLLECTABLES	COL10	<input type="checkbox"/> \$160	<input type="checkbox"/> \$200	4
EUROPEAN & AMERICAN FURNITURE & DECORATIVE ARTS	FRN20	<input type="checkbox"/> \$320	<input type="checkbox"/> \$400	7
IMPRESSIONIST AND MODERN ART	PIC55	<input type="checkbox"/> \$100	<input type="checkbox"/> \$120	2
INDIAN, HIMALAYAN & SOUTHEAST ASIAN ART	ASN12	<input type="checkbox"/> \$80	<input type="checkbox"/> \$100	2
JAPANESE WORKS OF ART	ASN11	<input type="checkbox"/> \$120	<input type="checkbox"/> \$140	3
JEWELRY	JWL10	<input type="checkbox"/> \$320	<input type="checkbox"/> \$400	8
MADE IN CALIFORNIA CONTEMPORARY ART	PIC52	<input type="checkbox"/> \$80	<input type="checkbox"/> \$100	2
MARITIME PAINTINGS AND DECORATIVE ARTS	COL11	<input type="checkbox"/> \$80	<input type="checkbox"/> \$100	2
MOTOR CARS, MOTORCYCLES & AUTOMOBILIA	MOT10 & MOT20	<input type="checkbox"/> \$330	<input type="checkbox"/> \$390	6
MOTORCYCLES	MOT20	<input type="checkbox"/> \$40	<input type="checkbox"/> \$50	1
NATIVE AMERICAN ART	NTV10	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
NATURAL HISTORY, GEMS, MINERALS & LAPIDARY	NAT10	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
ORIENTAL RUGS AND CARPETS	CPT10	<input type="checkbox"/> \$160	<input type="checkbox"/> \$200	3
PHOTOGRAPHS	PIC44	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
PRINTS	PIC43	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
SPACE MEMORABILIA	BKS11	<input type="checkbox"/> \$40	<input type="checkbox"/> \$50	1
WATCHES	JWL11	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150	3
WINES & WHISKY	WIN10	<input type="checkbox"/> \$280	<input type="checkbox"/> \$350	5
WRITING INSTRUMENTS	COL20	<input type="checkbox"/> \$50	<input type="checkbox"/> \$70	2
ALL CATEGORIES	ALLCAT	<input type="checkbox"/> \$4,500	<input type="checkbox"/> \$5,600	112

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Auction Registration Form

(Attendee / Absentee / Online / Telephone Bidding)

Please circle your bidding method above.

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Paddle number (for office use only)

General Notice: This sale will be conducted in accordance with Bonhams Conditions of Sale, and your bidding and buying at the sale will be governed by such terms and conditions. Please read the Conditions of Sale in conjunction with the Buyer's Guide relating to this sale and other published notices and terms relating to bidding. Payment by personal or business check may result in your property not being released until purchase funds clear our bank. Checks must be drawn on a U.S. bank.

Notice to Absentee Bidders: In the table below, please provide details of the lots on which you wish to place bids at least 24 hours prior to the sale. Bids will be rounded down to the nearest increment. Please refer to the Buyer's Guide in the catalog for further information relating to instructions to Bonhams to execute absentee bids on your behalf. Bonhams will endeavor to execute bids on your behalf but will not be liable for any errors or non-executed bids.

Notice to First Time Bidders: New clients are requested to provide photographic proof of ID - passport, driving license, ID card, together with proof of address - utility bill, bank or credit card statement etc. Corporate clients should also provide a copy of their articles of association / company registration documents, together with a letter authorizing the individual to bid on the company's behalf. Failure to provide this may result in your bids not being processed. For higher value lots you may also be asked to provide a bankers reference.

Notice to online bidders; If you have forgotten your username and password for www.bonhams.com, please contact Client Services.

If successful

- I will collect the purchases myself
- Please contact me with a shipping quote (if applicable)
- I will arrange a third party to collect my purchase(s)

Please email or fax the completed Registration Form and requested information to:

Bonhams Client Services Department
 7601 Sunset Blvd
 Los Angeles, California 90046
 Tel +1 (800) 223 2854
 Fax +1 (323) 850 6090
bids.us@bonhams.com

Bonhams

Sale title: Lapidary Works of Art, Gemstones, Minerals and Natural History		Sale date: Wednesday May 24, 2017	
Sale no. 24039		Sale venue: Los Angeles	
General Bid Increments:			
\$10 - 200by 10s		\$10,000 - 20,000by 1,000s	
\$200 - 500by 20 / 50 / 80s		\$20,000 - 50,000by 2,000 / 5,000 / 8,000s	
\$500 - 1,000by 50s		\$50,000 - 100,000by 5,000s	
\$1,000 - 2,000by 100s		\$100,000 - 200,000by 10,000s	
\$2,000 - 5,000by 200 / 500 / 800s		above \$200,000at the auctioneer's discretion	
\$5,000 - 10,000by 500s		The auctioneer has discretion to split any bid at any time.	
Customer Number		Title	
First Name		Last Name	
Company name (to be invoiced if applicable)			
Address			
City		County / State	
Post / Zip code		Country	
Telephone mobile		Telephone daytime	
Telephone evening		Fax	
Telephone bidders: indicate primary and secondary contact numbers by writing ① or ② next to the telephone number.			
E-mail (in capitals) _____			
By providing your email address above, you authorize Bonhams to send you marketing materials and news concerning Bonhams and partner organizations. Bonhams does not sell or trade email addresses.			
I am registering to bid as a private client <input type="checkbox"/>		I am registering to bid as a trade client <input type="checkbox"/>	
Resale: please enter your resale license number here _____ We may contact you for additional information.			

SHIPPING	
Shipping Address (if different than above):	
Address: _____	Country: _____
City: _____	Post/ZIP code: _____

Please note that all telephone calls are recorded.

Type of bid (A-Absentee, T-Telephone)	Lot no.	Brief description (In the event of any discrepancy, lot number and not lot description will govern.) If you are bidding online there is no need to complete this section.	MAX bid in US\$ (excluding premium and applicable tax) Emergency bid for telephone bidders only*

You instruct us to execute each absentee bid up to the corresponding bid amount indicated above.

* Emergency Bid: A maximum bid (exclusive of Buyer's Premium and tax) to be executed by Bonhams only if we are unable to contact you by telephone or should the connection be lost during bidding.

BY SIGNING THIS FORM YOU AGREE THAT YOU HAVE READ AND UNDERSTAND OUR CONDITIONS OF SALE AND SHALL BE LEGALLY BOUND BY THEM, AND YOU AGREE TO PAY THE BUYER'S PREMIUM, ANY APPLICABLE TAXES, AND ANY OTHER CHARGES MENTIONED IN THE BUYER'S GUIDE OR CONDITIONS OF SALE. THIS AFFECTS YOUR LEGAL RIGHTS.	
Your signature: _____	Date: _____



1793

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