



LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Wednesday May 16, 2018 at 10am Los Angeles

BONHAMS

7601 W. Sunset Boulevard Los Angeles, California 90046 bonhams.com

PREVIEW

Friday, May 11, 12-5pm Saturday, May 12, 12-5pm Sunday, May 13, 12-5pm Monday, May 14, 10-5pm Tuesday, May 15, 10-5pm

SALE NUMBER: 24619 Lots 4001 - 4473

CATALOG: \$35

BIDS

- +1 (323) 850 7500
- +1 (323) 850 6090 fax

To bid via the internet please visit www.bonhams.com/24619

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 178 to 181 for bidder information including Conditions of Sale, after-sale collection and shipment.

INQUIRIES

Claudia Florian, G.J.G Co-Consulting Director (323) 436-5437 Claudia.florian@bonhams.com

Tom E. Lindgren Co-consulting Director (323) 436-5437 tom.lindgren@bonhams.com

Katherine Miller Business Administrator (323) 436-5445 Katherine.miller@bonhams.com

ILLUSTRATIONS

Front cover: Lot 4170 Inside front cover: Lot 4287 Session page: Lot 4020 Inside back cover: Lot 4464 Back cover: Lot 4463



ORDER OF SALE

The "100 Carats Club"	4000-4013
Quispe Aparicio	4014-4019
Russian Lapidary works of Art	4020-4026
Gemstone, Minerals and Lapidary	
Works of Art (sold alphabetically)	4027-4397
Natural History	4398-4473
Lepidoptera, Zoology, Anthropology	4398-4401
Minerals	4402-4404
Amber	4405-4410
Meteorites	4411-4429
Fossils	4430-4473

NOTICE REGARDING BURMESE JADEITE AND RUBIES

Current law dictates that jadeite and rubies of Burmese origin and any articles of jewelry containing jadeite or rubies of Burmese origin may not be imported into the U.S. Certification that such jadeite or rubies were not mined in or extracted from Burma is required for importation of them into the U.S.

It is the responsibility of the buyer to investigate any applicable restrictions on purchased property and to obtain any export or import licenses and/or certificates as well as any other required documentation before shipping. The buyer's inability to export or import any such items or to do so timely shall not serve as the basis for any cancellation or rescission of the sale or any delay in payment. Prospective buyers who are uncertain as to whether a lot is subject to these restrictions or any other restrictions on importation or exportation are advised to consult with the specialist department in which the property is offered.

ERA	PERIOD	ЕРОСН	MILLION YEARS AGO
CENOZOIC	Quaternary Tertiary	Holocene (Recent) Pleistocene (Ice Age) Pliocene Miocene Oligocene Eocene Paleocene	Present to 0.01 0.01 to 2 2 to 5 5 to 25 25 to 38 38 to 55 55 to 65
MESOZOIC (Age of the Dinosaurs)	Cretaceous Jurassic Triassic		65 to 144 144 to 213 213 to 248
PALEOZOIC	PERMIAN CARBONIFEROUS DEVONIAN SILURIAN ORDOVICIAN CAMBRIAN		248 to 286 286 to 360 360 to 408 408 to 438 438 to 505 505 to 590

REGULATED SPECIES MATERIALS AND CITES PERMITS

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.

Lots noted in the catalog with a Y next to the lot number contain one or more such regulated plant or animal materials. It is the buyer's responsibility to investigate any such restrictions and to obtain any relevant export or import licenses. Please note that this process is governed by local authorities and may take considerable time. Regardless of any delay in the obtaining of an export or import license or certificate or denial of a license's or certificate's issuance, purchased lots shall be paid for in accordance with the Conditions of Sale, and any such delay or denial shall not serve as the basis for cancellation of any sale. Prospective buyers are advised to obtain information from the relevant regulatory authorities regarding export and import restrictions, requirements, and costs prior to bidding.

Prospective buyers should also check with their local (e.g. state) regulatory authorities regarding any local restrictions and/or permit requirements that may apply with respect to purchases of regulated species materials, including without limitation purchases of items containing elephant ivory or rhino horn. For example, we are advised that New York buyers of any lot containing elephant or mammoth ivory or rhino horn will be responsible for obtaining a New York State permit before taking possession of the lot within New York State, and that the State of New Jersey has banned the import of items containing elephant or marine mammal ivory or rhino horn into that state.

Upon request, Bonhams can refer the purchaser to a third party agent to assist the purchaser in attempting to obtain the appropriate licenses and/or certificates. However, there is no assurance that any necessary licenses or certificates can be obtained. Please contact the Specialist Department for a suggested list of shipping agents prior to placing a bid if you are uncertain as to whether a lot is subject to export/import license or certificate requirements or related restrictions.

LAPIDARY WORKS OF ART, GEMSTONES AND MINERALS

Lots 4001-4397 (sold alphabetically)

Additional images of all group lots are available on the website









FINE BLUE TOPAZ

Brazil

Characterized by a rich blue color which in the trade would be dubbed "Swiss blue", this cushion-shaped stone possesses a checkerboard faceted crown and pavilion which provides it with an added degree of scintillation. Weighing approximately 155.82 carats and measuring 35.57 x 29.84 x 18.44mm

\$2,000 - 3,000

4003

GREEN AMETHYST--"PRASIOLITE"--A MEMBER OF THE "100 CARATS CLUB"

Brazil

The color of "green amethyst," sometimes called prasiolite, is due to heat-treatment of lilac-to-purple amethyst. The present stone is very large even for quartz, and both the clarity and luster are excellent. The color is an attractive leaf green. Weighing approximately 102.41 carats and measuring 40.14 x 27.25 x 20.64mm

\$1,000 - 1,500

4004

LARGE FACETED CITRINE--A MEMBER OF THE "100 CARATS CLUB"

Coronel Muria, Minas Gerais, Brazil
Obtained directly from the miner, this
impressive gem is an ideal candidate for
the collector of large stones. Having a
checkerboard faceted crown and pavilion
which reveals the exceptionally high clarity
of the stone. Weighing approximately 538.0
carats and measuring 71.87 x 44.95 x
34.63mm

\$2,500 - 3,500











EXCEPTIONAL, LARGE CITRINE--A MEMBER OF THE "100 CARATS CLUB"

Brazil

A scintillating effect is created in this top quality, orangey-yellow citrine with checkerboard faceted face having triangular facets and its concave faceted pavilion. The result is a stunning optical effect. Weighing approximately 115.50 carats and measuring 31.22 x 29.02 x 23.94mm

\$2,000 - 3,000

4006

VERY LARGE FACETED LIGHT SMOKY QUARTZ--A MEMBER OF THE "100 CARATS CLUB"

Brazi

A large stone of impressive size, faceted as an oval-mixed but having a light brown color and very good luster. Weighing approximately 1877.0 carats and measuring 104.0 x 77.0 x 39.0mm

\$900 - 1,200

To be sold without reserve

4007

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

Padre Paraiso, Brazil

This large oval-cut aquamarine has fine faceting which renders the stone more scintillating.

Weighing approximately 174.74 carats and measuring 42.99 x 31.72 \times 21.43mm

\$12,000 - 15,000





FACETED ROSE QUARTZ--A MEMBER OF THE "100 CARATS CLUB"

Brazil

Highly transparent with a well saturated rich pink color, this is an exceptional example of a rose quartz. Most rose quartz is opaque and highly included but this specimen would be worthy of being made into a jewel. Weighing approximately 159.42 carats and measuring 36.10 x 22.15mm

\$3,000 - 4,000

4009

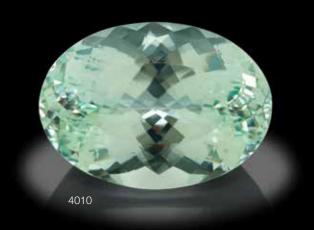
GOLDEN BERYL--A MEMBER OF THE "100 CARATS CLUB"

This natural greenish yellow beryl has exceptional transparency and luster for the species. Faceted as a modified brilliant cut cushion shape, the table facet provides a view into this exceptionally clean stone while the pavilion facets provide an added measure of scintillation. Weighing approximately 152.23 carats and measuring 37.97 x 30.40 x 20.59mm

\$8,000 - 10,000

Accompanied by a Gemological Institute of America report numbered 6183182589 dated March 2, 2017 stating that the 152.23 carats is a natural Golden Beryl and which states that the color origin cannot currently be determined.

Accompanied by a Gubelin Gem Lab Gemological report numbered 17024068 dated February 9, 2017 stating that the natural beryl, variety Heliodor of yellow-green color weighing 152.22 carats has color of indeterminate origin. It states: While the green colour does occur naturally in a number of crystals, it can also be induced by treating beryl of a different original colour. In spite of ongoing research to distinguish treated from untreated samples the color authenticity of some green beryl remains undeterminable.



4010

EXCEPTIONAL EUCLASE--A MEMBER OF THE "100 CARATS CLUB"

Colombia

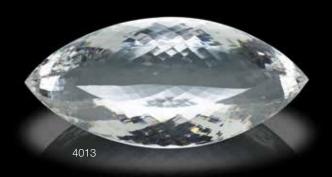
Faceted as a modified oval brilliant cut this beryllium aluminum hydroxide silicate mineral has a light green hue which is entirely unenhanced. The size for this species is unheard of given the small nature of the typical crystals produced. Weighing approximately 130.0 carats and measuring 38.48 x 27.55 x 19.75mm

\$5,000 - 7,000

Accompanied by an American Gemological Laboratories report numbered 1089953 dated January 24, 2018 stating that the light green Euclase is natural and that it shows no gemological evidence of enhancements.







LARGE AND IMPRESSIVE CITRINE--A MEMBER OF THE "100 CARATS CLUB"

A large circular Portugeuse-cut citrine of medium yellow hue, having high clarity and a scintillating cut. Weighing approximately 291 carats and measuring 40.0 x 42.0mm

\$500 - 700 To be sold without reserve

RUBELLITE TOURMALINE CABOCHON--A MEMBER OF THE "100 CARATS CLUB"

Nigeria

This exceptional rubellite tourmaline is fashioned as an oval cabochon of large proportions. The color is a deep, hot reddish pink and the transparency is excellent for the species well revealed by the excellent polish. Weighing approximately 159.46 carats and measuring 37.21 x 31.95 x 15.22mm

\$12,000 - 15,000

LARGE FACETED ROCK CRYSTAL **QUARTZ--A MEMBER OF THE "1000 CARATS CLUB**"

Brazil

Faceted as a marquise-cut stone the nearcolorless quartz having excellent luster and clarity. An excellent stone to use as a cabinet display. Weighing approximately 1026.0 carats and measuring 101.0 x 48.0 x 37.0

\$500 - 700 To be sold without reserve



THE WORKS OF LUIS ALBERTO QUISPE APARICIO

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.

4014

RUBY CARVING OF A SKULL-- "PUNK"

By Luis Alberto Quispe Aparicio
Carved from a single piece of ruby in zoisite
from Tanzania, the head bands and vertebrae
as well as the "hair decoration" formed of gold
vermeil. Resting upon a hexagonal base of
polished rock crystal quartz, with feet cast in
a skull and bones motif. Height 8in

\$3,000 - 5,000





4015

REVERSE CARVED QUARTZ SKULL PENDANT BY LUIS ALBERTO QUISPE APARICIO

A contemporary *memento mori* but with punk inspiration, the hand-carved rock crystal skull is reverse intaglio carved from the bottom to depict another skull from within. The interior skull is gold vermeil washed to allow it to stand out in high-relief. The eyes of the skull are pave-set with a cluster of small black, brilliant-cut diamonds. A spiky gold vermeil band adorns the Mohawk up-do. Suspended from a patinated silver chain, with a toggle clasp in the shape of a bone. *Length 20in*

\$1,800 - 2,200

4017

REVERSE CARVED SMOKY QUARTZ SKULL RING BY LUIS ALBERTO QUISPE

A unique design, the novel ring is a contemporary memento mori. Of hexagonal outline, faceted to come to a point at the apex, one can clearly see the reverse intaglio carved skull through the dome. Set in a brushed gold vermeil mount, with black diamond accented prongs, signed L'Aquart to the interior of the shank, size 6 1/2.

\$1,500 - 2,000









TWO CARVED SWANS UPON AN AGATE BASE BY LUIS ALBERTO QUISPE APARICIO

The first, carved of black obsidian, with pink opal beak; the second, carved of rock crystal quartz, with pink opal beak, With gold vermeil lotus plants rising from the surface of the large slab of polished agate which suggests a lake with lotus plants. Length overall: 22 in

\$10,000 - 15,000

RUSSIAN LAPIDARY WORKS BY CONTEMPORARY MASTERS

4020

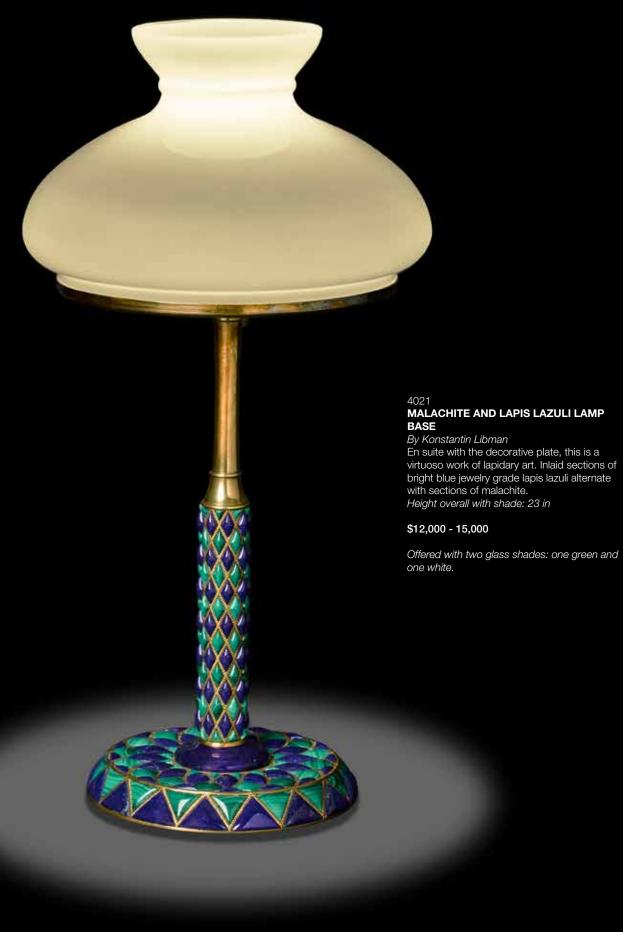
GEM-SET NEPHRITE KOVSH BY KONSTANTIN LIBMAN

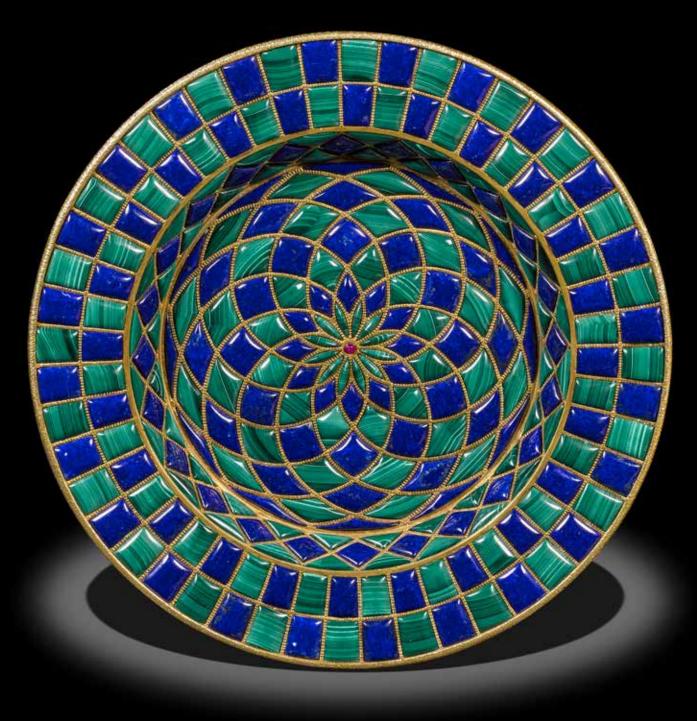
Carved of native Siberian nephrite of rich green hue, with excellent thinness to the sides, this traditional Russian punch bowl is as beautiful as it is functional. With six cups, each adorned with cabochon emeralds and rubies between filigree and multi-color enamel work set into gilt-washed silver mountings. *Punchbowl: length over handle 12 inches. Cups: length over handle 3 3/4 in (8)*

\$35,000 - 45,000

Offered in a custom-fitted wooden box.







MALACHITE AND LAPIS LAZULI INLAID **PLATE**

By Konstantin Libman

Of monumental size, this decorative gold vermeil plate is inset with polished sections of jewelry-grade lapis lazuli and malachite in a radiating floral pattern. Set to the center with a cabochon ruby. The piece is reminiscent of Byzantine objects for its opulence. *Diameter* 12.1/2 in 13 1/2 in

\$25,000 - 30,000

Offered in a custom-fitted wooden box with red velvet lined interior.



PUBLISHED GEMSTONE CARVING: THE GYPSY FORTUNE TELLER

By Chubuanco

For the House of Fabergé Jewelry Salon St. Petersburg, Russia

A functional box which can be used to store a deck of cards, with concealed closure for the drawer. The blouse of the fortuneteller is carved of white kascholong opal from the Caspian Sea; the box, is carved of malachite; the scarf of red jasper; the face of eosite quartz; the scarf of lapis lazuli. The yellow gold cards are decorated with enamel. With sterling silver mounts. This is a unique gemstone sculpture, made in an edition of one. Height 6in





PUBLISHED FINE GEMSTONE CARVING OF A RUSSIAN CHARACTER FIGURE--"RUSSIAN DEFILER--THE VAGABOND"

By Kireell Nikolaivich Vinogradov and D. Dimitriev

For the House of Fabergé Jewelry Salon St. Petersburg, Russia

Carved of a variety of gemstone materials most of which are native to Russia: the face, feet and hands, carved of eosite quartz; the beard, of brown agate; the hat, of green jasper; the tunic, carved of nephrite; the trousers, of black obsidian; the boots, of red jasper. Mounted with 14K yellow gold and the circular porphyry jasper base bordered in silver. This is a unique object, created as an edition of one in 2005. Height 9 1/2in

\$9,000 - 12,000

Accompanied by a certificate from the House of Fabergé Gold Collection, St. Petersburg, Russia

Published in the book "K. Faberge and His Followers", by Valentin Skurlov, Tatiana Fabergé and Viktor Iluvin. Published 2009 by Leke Russia (Faces of Russia), St. Petersburg, Russia, page 449.



GEMSTONES, MINERALS AND LAPIDARY ARTS (ALPHABETICALLY)

4026

MULTI-GEMSTONE INTARSIA LANDSCAPE WITH BEARS

An expert lapidary work created by a Russian artist, this is a fine rendering of a Russian forest landscape made entirely of local minerals including nephrite and a variety of green, red, brown and peach colored jaspers. *Measuring 22 1/2 x 20in, framed.*

\$2,500 - 3,500

4027

CARVED AGATE GEODE DEPICTING A CRANE ON ROOTWOOD BASE

Brazil

A geode slab measuring nearly 1 inch in thickness, *measuring 7 x 5 inches overall*, yet still having great translucency. With drusy amethyst crystals lining the interior cavity, a depiction of a crane and *ruyi* cloud to one side. Matte polish on the reverse side. *Height overall 10in*

\$700 - 900

Offered on a custom burl rootwood base.

4028

AGATE CARVING OF A FISH

Brazil

Carved from a single specimen of agate, the fish is removable from the white quartz base upon which it rests. The base is decorated with an orange jasper sea star and black onyx mussels. Height 10 in

\$600 - 800







GROUP OF THREE AGATE BOWLS

Brazil

Each hand-carved showing the varying hues in which agate can be found, each with good thinness of sides and excellent translucency. The largest, light brown and with excellent concentric banding, *length* 9 *in*; the mediumsized bowl, with translucent bluish grey and vivid reddish brown areas, *length* 6 1/2 *in*; and the smallest of translucent grey with an unusual red banding, *length* 5*in*. (3)

\$1,000 - 1,500

4030

LARGE GROUP OF PETRIFIED WOOD SPECIMENS AND OTHER AGATE SLABS

World Localities

Including several examples of petrified palm wood as well as various cycads. (28) Length of largest measuring 7 3/4in

\$600 - 800 To be sold without reserve

403

FIVE BANDED CARNELIAN AGATE BOWLS

Including three circular and two oval, each carved of carnelian reddish brown agate from Brazil, including one circular one which is antique and carved in the traditional Chinese style with flaring sides and a foot. *The longest measuring 4 1/2 in.* (5)

\$200 - 300 To be sold without reserve

4032

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)

\$600 - 800 To be sold without reserve 4033 W

AGATIZED WOOD SLAB

Auracarioxylon arizonicum Triassic

Chinle Formation, Arizona

A companion and consecutive slab to a pair of slabs sold in our Natural History sale December 2016:

http://www.bonhams.com/auctions/23475/lot/160/

Suitable for use as an end table, this is a

classic petrified wood slab which hails from a private property not far from the Petrified Forest in Arizona. With rich red hues, dramatically accented with black. With full bark texture all around. Measuring 28 x 26 x 1 1/2 in \$3,500 - 4,500











4034 W

LARGE AGATE SLAB ON STAND

Brazi

A beautiful agate cross-section slab, which still retains it's natural boulder edge all around, with rich carnelian at the edges and a druze of quartz to the interior. Measuring 20 x $16 \times 3/4$ in

\$800 - 1,200

Offered with a custom-fitted black metal stand.

4035 V

PAIR OF ARIZONA PETRIFIED WOOD END TABLES

Auracarioxylon arizonicum

Triassic

Chinle Formation, Arizona

This pair of petrified wood rectangular cross-sections slabs were once a single longer, continuous plank. Petrified wood which has been cut on a longitudinal cross-section is much rarer than lateral cross-section slices. Height overall with stand: 19 inches. Each measuring approximately 19 x 17 1/2 x 1 in and 19 x 17 x 1 in (2)

\$1,800 - 2,500

Offered with a pair of metal x-form stands which can be dismantled and stored flat for ease of transport.

4036 W

PETRIFIED WOOD COFFEE TABLE

Of contemporary design, comprising four panels of polished petrified wood from Indonesia, inset and removable from a black metal frame. Measuring $28 \times 19 \ 1/2 \times 20 \ 1/2 \ in$

\$400 - 600





4037 W

AGATIZED WOOD INTARSIA TABLETOP

Unusual for its elongated oval or 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 an attractive concentric design. Measuring 39 1/2in x 22 1/2in x 1in (100cm x 57cm x 2cm)

\$1,200 - 1,500

4038 W

AGATIZED WOOD INTARSIA TABLETOP, $\ensuremath{\textit{EN SUITE}}$ 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 an attractive concentric design. Measuring 40 1/4in x 22in x 1 1/2in (102cm x 55cm x 3cm)

\$1,200 - 1,500



AMBER NECKLACE AND MATCHING EARRINGS

Indonesia

A long single-strand necklace, consisting of rondelle-form beads, graduating in size from 36.14 mm to 15.2mm, completed with a 14K yellow gold filigree clasp, weighing 547 grams, length 24in; together with a pair of disc form amber earrings suspended from 14K yellow gold earwires. (3)

\$1,500 - 2,000

4040

"CHERRY" AMBER FACETED NECKLACE

Balctic Coast

A vintage two-strand necklace composed of faceted amber beads which have been heated to produce a bright red color, completed by a 12K gold-filled clasp, *length 14in*.

\$300 - 500 To be sold without reserve



AMBER BEAD NECKLACE WITH EARRINGS

Indonesia

A single strand necklace consisting of large spherical beads of reddish amber with green overtones, graduating from 30.35 mm to 19.5mm at the ends, completed with a 14K yellow gold box-form clasp, weighing 151 grams, length 24 in.; together with a pair of earpendants of 14K yellow gold which suspend two spherical amber beads. (3)

\$1,500 - 2,000

4042

AMBER NUGGET NECKLACE

Baltic Coast

A continuous necklace, strung without clasp, comprising triple strands of amber nuggets with larger nugget spacers at intervals. Weighing approximately 92.7 grams. Length 24in

\$300 - 500

To be sold without reserve

4043

AMBER BEADS WITH BLUE FLUORESENCE

Burma

Comprising 47 spherical beads, measuring 17.49mm at the center to 14.9mm at the ends, of rich, reddish brown amber having some green overtones and blue fluoresence under daylight or UV fluorescent light. Length 26in

\$1,000 - 1,500

4043









AMBER NECKLACE OF COLLAR FORM

Baltic Sea

An unusual necklace of "collar-form" design, comprising natural amber nuggets which have been lightly polished, with three lengths of amber nuggets forming a tassel at the center, with silver connectors.

\$500 - 700 To be sold without reserve

4045

AMBER AND GLASS BEAD NECKLACE

Baltic Coast

Centering on a large cabochon, held in a woven meshwork formed of 1mm yellow glass beads having amber nuggets tassels affixed, completed by a metal clasp, *length 15in*

\$700 - 900 To be sold without reserve

4046

EXCEPTIONAL AND LARGE ANDALUSITE

Brazi

Named after Andalucia, Spain where it was first found, andalusite is an aluminium silicate. This lovely oval-cut gem of excellent transparency, displays the characteristic flashes of orange, green and brown for which this pleochroic mineral is known. A species which is scarce in sizes over 7 carats, the present stone exhibits all the most desirable characteristics of this rare collector's stone. Weighing approximately 15.37 carats and measuring 17.8 x 13.3 x 9.84mm

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

4047

PURPLE APATITE ON MATRIX

Jose Pedra, Brazil

Two larger crystals dichroic purple crystals, measuring up to 2.5 cm along the edge, with striated sides and lustrous terminations, as well as a scattering of smaller crystals on matrix. Measuring 2 $1/2 \times 2 \times 1$ 3/4in

\$1,200 - 1,500



SUITE OF THREE BLUE APATITE **CABOCHONS**

East Africa

Comprising a pair of ovals with cat's eye effect, weighing approximately 3.85 carats and 4.63 carats, heights 11.84mm and 11.63mm; together with a circular cabochon, weighing approximately 4.85 carats and measuring 9.99mm diameter, the total aggregate carats weight approximately 13.32 carats. (3)

\$800 - 1,200

4049

APATITE BEAD NECKLACE

Gem apatite beads of pear-shaped outline, graduating from 10.2 to 6.6 mm at the ends, having very high transparency and a vivid blue color, completed with a flower-form silver clasp, length 17 in.



4050

4050

APATITE

Madagascar

A novel faceting style for an apatite, this attractive marquise-cut stone has a rich blue color, excellent luster and transparency. Weighing approximately 9.92 carats and measuring 22.83 x 10.13 x 7.30mm

\$1,200 - 1,500

STUNNING APATITE

This cushion shape apatite is notable for its gorgeous teal blue color. The shape is sizable for the species and well-proportioned. Weighing approximately 15.34 carats and measuring 15.74 x 15.69 x 9.37mm

\$3,000 - 4,000



4052

\$2,000 - 3,000











FINE APATITE

Characterized by a vivid neon blue, this attractive oval-cut apatite is notable for its excellent luster. Weighing approximately 5.79 carats and measuring 13.8 x 10.0 x 7.09mm

\$3,000 - 5,000

4054

"BULL'S EYE" ARAGONITE SPHERE

Centering on a well-formed bull's eye which is the center of the concentric banding in the specimen, the sphere shows excellent sedimentary layers of brown and white banding. Offered on a removable polished aragonite base.

\$400 - 600 To be sold without reserve

4055

ASTROPHYLLITE

Khibiny, Kola Peninsula, Russia
Astrophyllite is a rare mineral that is found in alkali-rich intrusive rocks. Its name means "sheet of stars," referring to its growth habit as star-shaped crystal clusters, and the sheet-like way in which the backbone of its crystal structure is arranged. Displaying numerous bronze colored radiating star-like crystals in white and black matrix. Measuring 7 x 7x 4 1/2 in

\$300 - 500 To be sold without reserve

4056

AZURITE WITH MALACHITE ON MATRIX

Oujda, Morocco

Discovered in the 1970s, this is now a mineral classic. With lustrous, cobalt blue glass azurite crystals measuring up to 1 inch in length, with a coating of chatoyant malachite on matrix. Measuring 2 1/2 x 2 x 2 in

\$800 - 1,200

4057

AZUR-MALACHITE BEAD NECKLACE

Democratic Republic of Congo
Comprising 11 flat free-form beads of azurite
with rich green malachite veining, having a
particularly high polish. Completed with a
silver clasp. Length 16 1/2 in

\$700 - 1,000



4058 W

VERY LARGE BRAZILIANITE

Corrego Frio Mine, Minas Gerais, Brazil Brazilianite is an unusual gemstone mineral which is relatively new to the mineral market. Found in Brazil (hence the name), Brazilianite is found in phosphate rich pegmatite and is one of the only phosphate minerals to be used as a serious gemstone with its fair luster and interesting color—a yellow to greenish yellow—slightly similar to topaz but more green. Discovered in the 1970s, the present example is reported to be the largest specimen of Brazilianite to have ever been found. This is a large cluster of bright green crystals, some of which measure up to 3 inches in length. Measuring 18 x 14 x 12 in

\$15,000 - 20,000





EMERALD CRYSTAL

Colombia

Of rounded hexagonal crystal habit, this is a fine, transparent double-terminated crystal with lustrous sides and a lustrous termination to the top. Weighing approximately 3.31 grams (16.54cts) and measuring 25.13 x 8.20 x 7.75mm

\$4,000 - 6,000

4060

HEART-SHAPED EMERALD CABOCHON

Muzo, Colombia

Suitable for mounting as a pendant, this emerald has a vivid, well-saturated green color which is so indicative of emeralds from this famed mining region. Weighing approximately 6.75 carats and measuring 14.40 x 15.01 x 5.42mm

\$5,000 - 7,000

4061

FINE PAIR OF RICH GREEN EMERALDS

Zambia, Africa

Two octagonal modified brilliant-cut emeralds which exhibit intense green color of a desirable hue unmodified by yellow. *Together weighing approximately 2.38 carats. One emerald weighing approximately 1.21 carats and measuring 6.41 x 6.40 x 4.91mm; and the second, weighing approximately 1.17 carats and 6.55 x 6.49 x 4.71mm (2)*

\$3,000 - 5,000

Accompanied by an American Gemological Laboratories report numbered 1089949 A and B dated January 24, 2018 stating that the 1.21 and 1.17 carats emeralds originate from Zambia and that they show only minor traditional (oil or paraffin-type) clarity enhancements.

4062

VERY FINE EMERALD BEAD NECKLACE

Comprising twelve strands of extremely fine polished emerald beads, graduating from 9.9 mm to 3.17mm, weighing a total of approximately 700 carats, length of shortest strand 16 in, completed with a high-karat gold clasp which is adjustable.

\$20,000 - 30,000

4063

FINE EMERALD

Panjshir, Afghanistan

A beautiful cushion-shaped emerald from the historic and notable region of Afghanistan. The color is well-saturated and a rich true green, unmodified by any secondary colors. A notable, classic gemstone for the serious collector. Weighing approximately 7.07 carats and measuring 14.89 x 10.11 x 7.99mm

\$35,000 - 45,000

Accompanied by an American Gemological Laboratories report number 1088288 dated November 15, 2017 stating that the cushionshaped emerald of 7.07 carats originates from Afghanistan and that it shows only minor clarity enhancement of the traditional variety such as Cedarwood oil or paraffin.









4064

EMERALD EAGLE ON QUARTZ BASE

Brazil

Depicting a majestic bird with outstretched wings carved from emerald, with rock crystal quartz head and tail feathers and yellow jasper beak. Set upon a base of radiating quartz crystals on an onyx plinth. *Height 11 in*

\$2,000 - 3,000

4065

AQUAMARINE CARVING DEPICTING A FEMALE FACE

Brazil

Carved by a Brazilian artist, this sculpture incorporates a complete huge, stout robust aquamarine crystal with some translucency at the edges, which has been polished on all six sides. The termination has been carved to depict the face of a woman. Weighing 1939.7 grams (9698.5 carats) and measuring 4 1/4 x 4 x 4 in

\$900 - 1,200

4066

BERYL VAR. AQUAMARINE IN MUSCOVITE

Pakistar

Featuring a large aquamarine crystal with good termination, with a cluster of smaller aquamarine crystals at its base on a bed of bladed muscovite mica. Measuring 5 1/2 x 4 x 2 1/2 in with large aqua crystal measuring 2 1/4 inches along the edge

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

4067

EMERALD ON QUARTZ MATRIX

Brumado, Bahia, Brazil

A small cabinet specimen, comprising a minature "fairy world" of exquisite little emerald crystals of bright green color, with excellent transparency, perched atop a bed of crystallized, translucent white quartz. Measuring $3 \times 2 \cdot 1/4 \times 1$ in

\$500 - 700







EXCEPTIONAL AQUAMARINE

Brazil

This fine aquamarine which has been faceted as a radiant- cut displays a rich hue of blue, with a complete absence of yellow. The luster is superb and the clarity is also excellent. Weighing approximately 26.55 carats and measuring 19.8 x 16.24 x 12.70mm

\$3,000 - 5,000

4069

BERYL VAR. AQUAMARINE

Brazı

This fine pear-shape leaves nothing to be desired: the color is a well-saturated blue, the clarity excellent and the luster superb. Weighing approximately 35.52 carats and measuring 28.25 x 18.71 x 13.95mm

\$3,500 - 4,500

4070

BERY VAR. AQUAMARINE CRYSTAL

Dui Ty Mine, Vietnam

A hexagonal crystal of suitable size for mounting as a pendant, this transparent greenish blue natural beryl has been lightly polished on all crystal faces including both terminations. Weighing approximately 14.79 carats and measuring 19.11 x 9.77 x 8.01 mm

\$500 - 700

Accompanied by a Gemological Institute of America report numbered 5172534641 dated April 26, 2016 stating that the natural Beryl variety Aquamarine has been polished and that the color origin of the crystal cannot currently be determined.



4071

BERYL VAR. AQUAMARINE

An attractive aquamarine crystal, suitable as a small cabinet specimen or of suitable size for mounting as a pendant; having a bright blue color and moderate clarity for the species. Weighing approximately 45.51 carats. Height 1 3/4in

\$1,500 - 2,000



AQUAMARINE BRIOLETTE NECKLACE

A single strand necklace consisting of faceted brioltte-cut aquamarines graduating in size from 19.42mm in length at the center and 10.91 mm at the ends, *weighing 315 carats*, completed with a white gold filigree clasp, *length 14 in.*

\$900 - 1,200

4073

NATURAL AQUAMARINE BEAD NECKLACE

Brazil

Comprising twenty greenish blue unpolished aquamarine beads, weighing approximately 121.30 grams (approximately 600 carats), completed with an adjustable chain-link connector clasp, *length 16 1/2 in.*

\$1,500 - 2,000

Accompanied by a Gemological Institute of America report number 2171385855 dated December 2, 2015 stating that the natural Beryl beads are variety Aquamarine.

4074

BERYL VAR. MORGANITE

Brazil

This heart-shaped beauty, is the pink variety of beryl. Both its luster and clarity are excellent. Weighing approximately 35.00 carats and measuring 22.02 x 20.75 x 13.88mm

\$800 - 1,200

4075

AQUAMARINE BEAD NECKLACE

Brazil

Comprising polished tumbled beads of blue and green aquamarine, weighing approximately 1311.0 carats, completed by an 18K white gold and diamond clasp. Length 18in

\$2,500 - 3,500

4076

FINE AQUAMARINE

Brazil

Bright and pleasing in color, with a true sky blue hue, unmodified by yellow, the present circular-cut aquamarine displays exceptional cutting in what is termed the Portugeuse-cut. This particular cut serves to enhance any stone as it adds an extra measure of scintillation. Weighing approximately 15.41 carats and measuring 15.24 x 12.08mm

\$1,400 - 1,800



BERYL VAR. AQUAMARINE

A pretty pastel blue color, this emerald cut aquamarine is a classic with its excellent luster and clarity. Weighing approximately 15.63 carats and measuring 19.67 x 12.47 x 7.81mm

\$300 - 500 To be sold without reserve

4078

BERYL VAR. AQUAMARINE

Brazil

An attractive rich blue emerald-cut aquamarine having excellent luster. Weighing approximately 18.81 carats and measuring 26.0 x 12.0 mm

\$700 - 900



4077





4078









THREE BERYL CARVINGS

Brazi

Each carved of very high clarity beryl: the bear carved of green beryl, weighing approximately 41.65 carats, length 1 1/4 in; an aquamarine carving of an eagle, weighing approximately 39.52 carats, height 1 1/4in; and a green beryl carving of a monkey, weighing approximately 48.80 carats, height 1 in. (3)



4080

BERYL VAR. MORGANITE

Brazil

Faceted as a triangular rose-cut modified brilliant cut this vivid pink beryl known in the trade as Morganite is exceptionally clean and lustrous. Weighing approximately 10.98 carats and measuring 15.95 x 15.89 x 8.82mm

\$1,500 - 2,000

Accompanied by an American Gemological Laboratories report number 1089975 dated January 22, 2018 stating that this color of morganite is commonly the result of a relatively low temperature heating process and that the color is stable.

4081

EXCEPTIONAL MORGANITE

Brazil

This is a world-class pink beryl which has been faceted as a Portuguese oval-cut excellent saturation of pink hue unmodified by brown. Both the luster and the clarity are exceptional, particularly for the species of beryl. Weighing approximately 37.38 carats and measuring 25.95 x 19.45 x 13.25mm

\$1,500 - 2,500

4082

BERYL VAR. HELIODOR

Brazi

This is a fine example of the variety of beryl which is known as Heliodor. Faceted as a scissor-cut, a simple faceting style, which reveals the inner beauty of the stone with its exceptional clarity and luster. Weighing approximately 30.44 carats and measuring 24.25 x 17.19 x 12.01mm

\$700 - 900 To be sold without reserve

4083

GREEN BERYL

Brazil

The simple faceting style of this well-polished emerald-cut beryl is a testament to its high degree of clarity. The gem has a pastel green color and excellent luster as well. Weighing approximately 47.25 carats and measuring 26.21 x 16.26 x 13.12mm

\$1,800 - 2,200









LARGE, FINE EMERALD

Colombia

This is a very fine emerald originating from Colombia has been faceted as an octagonal cut. The color is an attractive green without any modifying yellow and both the clarity and luster are very good. Large emeralds which have high clarity are considered to be rare and this is a fine stone worthy of serious consideration. Weighing approximately 22.02 carats and measuring 18.54 x 16.05 x 10.37 mm

Accompanied by an American Gemological Laboratories report numbered 1089789 dated January 16, 2018 stating that the natural beryl var. emerald of 22.02 carats originates from Colombia and that it exhibits only minor traditional clarity enhancements of oil or paraffin which is stable.

\$80,000 - 100,000







LARGE PAIR OF MONUMENTAL CALCITE VASES

Brazil

A dramatic focal point for any interior are these two large vases of monumental scale. Of traditional form, each carved from a single rough specimen of calcite, possibly heat treated to enhance the rich hue. *Measuring* 25 1/2 x 14 in

4086

CALCITE WITH DOLOMITE

Sardinia Italy

From an old Italian collection comes this mineral classic comprising white scalendohedral calcite crystals on a bed of druzy pink dolomite crystals. *Measuring 13 x 7 x 4 1/2 in*

\$2,500 - 3,500

4087

LARGE GROUP OF CALCITES

World Localities

Including aproximately twenty specimens: large calcite cluster, *Tri-State Area, height 8 inches*; two pink calcites; and various smaller calcites in matrix. (lot)

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

\$5,000 - 7,000



MANGANO-CALCITE SPHERE

Showing sedimentary lines of parallel banding, this translucent pink sphere is one of the

\$300 - 500 To be sold without reserve 4089

COBALTIAN CALCITE SPECIMEN

A large cabinet size specimen having a thick layering of deep brownish-rose calcite over largest which we have seen. Diameter 5 1/2 in most of the surface. Measuring 6 x 6 x 3 1/2in

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

4090 W

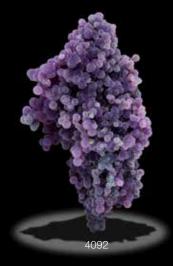
LARGE MANGANO-CALCITE FREE-FORM SCULPTURE

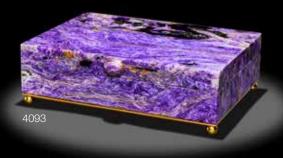
Afghanistan

A large contour polished free-form boulder having a delicate pink color, exhibiting fluorescence under ultraviolet light. *Measuring* 17 x 11 x 7in

\$1,500 - 2,000











CHAROITE BOX

Russia

The lid formed of a single large panel of charoite exhibiting vibrant purple color, with cabochon charoite thumbpiece, bronze plaque to the base and raised on four bronze feet. The piano hinged lid opening to reveal a crushed red velvet lined interior. *Measuring 7* $1/4 \times 5 \ 1/4 \times 2 \ 1/4$ in

\$1,500 - 2,000

4094

FINE CHRYSOBERYL

Sri Lanka

An attractive cushion-shaped modified brilliant cut displaying a light greenish yellow color which is unenhanced. Weighing approximately 7.76 carats and measuring 13.48 x 10.22 x 7.16 mm

\$1,500 - 2,000

Accompanied by an American Gemological Laboratories report numbered 1089942 dated January 26, 2018 stating that the 7.76 carats chrysobery is natural and unenhanced.

4095

CHRYSOBERYL

Sri Lanka

A classic oval-cut, having a pleasant chartreuse green color and excellent luster with some minor color-shift present. Weighing 6.06 carats and measuring 12.6 x 9.5 x 6.5 mm

\$2,000 - 3,000

4091 **CELESTITE GEODE**

Madagascar

Celestite is named for its heavenly blue color. In the case of this fine geode, the entire cavity lined with large crystals of sky-blue crystals measuring up to 2 inches in length. Measuring 9 x 7 x 6 1/2in

\$800 - 1,200 To be sold without reserve 4092

"GRAPE" CHALCEDONY

Sulawesi, Indonesia

From a new find in 2016, this mid-sized cabinet specimen is exemplary for being a floater with no visible point of attachment. Consisting of clusters of bright lavender spherules of chalcedony, covering the front and back surfaces. This is an unusual color for the species. *Measuring* 5 x 3 x 2 1/2 in

\$1,800 - 2,200



LARGE AND EXCEPTIONAL CHRYSOCOLLA BOULDER

Peru

A large, decorative boulder of monumental size, completely contour polished on all sides, having exceptional color. The quality of luster and polish is exceptional. This specimen would create an important statement in any residential or corporate interior. *Measuring 25 x 19 x 9 in. Weight 120 kilos*

\$15,000 - 20,000







POLISHED CHRYSOCOLLA WITH MALACHITE

Democratic Republic of Congo

A small, table top free-form sculpture of vivid blue color of chrysocolla intergrown with malachite. The specimen is viewable on all sides and capable of standing on its own. *Measuring 6 x 5 x 3in*

\$600 - 900

4098

CHRYSOPRASE 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 $4 \times 2 \ 3/4 \times 2 \ 1/2$ in

\$300 - 500 To be sold without reserve

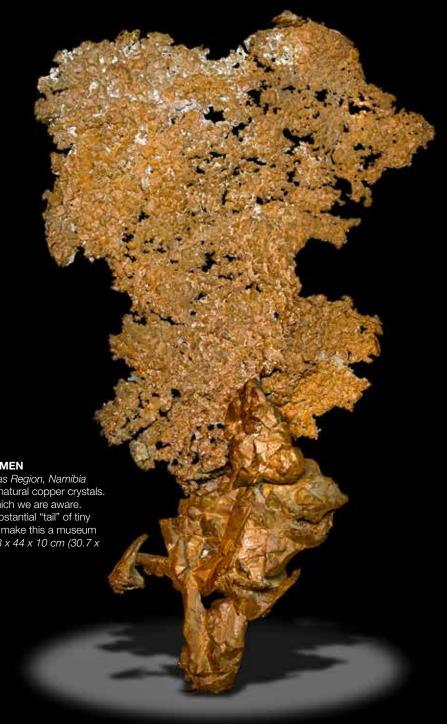
4099 W

AESTHETIC COPPER SPECIMEN

Keewinaw, Upper Peninsula, Michigan

A tall robust specimen of native copper having excellent display qualities and showing some crystal faces. *Measuring 18 1/2 x 8 x 1 1/2in*

\$1,200 - 1,500



EXTRAORDINARY NATIVE COPPER SPECIMEN

Onganja Mine, Seeis, Windhoek District, Khomas Region, Namibia
A trophy find, this is an extraordinary cluster of natural copper crystals. It ranks as one of the largest in existence, of which we are aware. Featuring adheering crystals of quartz and a substantial "tail" of tiny crystals. The size and sheer number of crystals make this a museum piece. Approximate weight 20 lbs. Measures 78 x 44 x 10 cm (30.7 x 17.3 x 3.9 inches)

\$8,000 - 10,000



4102^Y

THREE STRANDS OF ANGELSKIN **CORAL BEADS**

Coralium species Pacific Ocean

Of bright pinkish-orange color, beautifully polished, known in the trade as Momo coral from the coast of Japan, the three strands are suitable for wearing together as a nested bib necklace or individually, each with a small filigree 14K yellow gold clasp. Total aggregate weight: 1455.5 carats (291.1 grams). Individual weights and lengths as follows: necklace one, 27 beads, 438 cts, 21 inches; necklace two, 23 beads, 450 carats, 20 inches; necklace 3, 23 beads, 547 carats, 20 1/2 inches (3)



4103

CORAL BEAD NECKLACE

Coralium elatius, "Momo" coral Pacific Ocean

A single-strand necklace, composed of uniform 10mm spherical beads having a pinkish orange color, weighing approximately 67.6 grams, completed by a 14K yellow gold lobster claw clasp, length 16in.

\$700 - 900 To be sold without reserve

CUPRITE ROUGH AND CUT GROUP OF

Onganja Mine, Near Seeis, Khomas Region, Nambia and Russia

Comprising a gorgeous textbook example of a fine faceted cuprite with its rich, deep red body color and metallic luster from Namibia, weighing approximately 24.08 carats and measuring 15.1 x 14.0 x 9.0mm; together with a thumbnail cuprite cluster, Onganja Mine, near Seeis, Khomas Reion, Nambia, height 22mm; and an octahedral cuprite crystal from the Rubtsovskiy Mine, Altaiskiy Krai, Siberia, Russia, height 17.0mm (3)

\$1,000 - 1,500

NEAR-COLORLESS DANBURITE

Mexico

This white, near-colorless danburite has been faceted as an oval-cut with good clarity for the species and excellent luster. Weighing approximately 11.40 carats and measuring 15.98 x 13.54 x 8.66mm

\$400 - 600

4106

PAIR OF BLACK DIAMONDS

Each of circular brilliant-cut with typical adamantine luster. Total weight 5.53 carats (2)

\$600 - 800 To be sold without reserve













4107

NATURAL DIAMOND CRYSTAL

A natural diamond crystal of brownishgreenish-yellow color having a cubic outline and granular surface texture, with several polished areas, probably made to form "windows" into the interior of the crystal to be able to judge the clarity. Weighing approximately 18.54 carats and measuring 12.20 x 11.80 x 11.50mm

\$2,000 - 3,000

Accompanied by a Gemological Institute of America report numbered 14437111

4108

RARE EUCLASE

Colombia

Originating from an old Italian collection and discovered several decades ago, this is a bright bluish-green crystal of euclase, with excellent termination and typically striated sides, with an associated crystal to the termination. Measuring 1 x 3/4 x 3/4in (26.8 x 16.79 x 9.16mm)

4108

\$6,000 - 8,000





4109 **BLUE FLUORITE AND DIAMOND RING**

Comprising an oval-cut blue fluorite, measuring 21.26 x 16.24 mm, flanked by four small brilliant-cut diamonds to each shoulder, 14K yellow gold, size 7.

\$600 - 800 To be sold without reserve 4110

BLUE FLUORITE

Of bright teal blue color, faceted as a wide drop-shape this is a very attractive fluorite. Weighing approximately 59.07 carats and measuring $25.87 \times 26.56 \times 12.55 \text{mm}$

\$600 - 800

To be sold without reserve



BAND FLUORITE PARROTS ON QUARTZ BASE

The two parrots each carved of Chinese banded fluorite, with inset rubellite tourmaline cabochon eyes, each perched upon a rock crystal quartz obelisk from Brazil. Raised on an electrified black granite base. Height 19in

\$1,200 - 1,500

4112

RHODOLITE GARNET

Malawi

Without being too dark, this circular brilliant-cut garnet is a vibrant rich purplish red color with excellent clarity and luster. Weighing approximately 30.06 carats and measuring 20.0 x 11.13mm

\$6,500 - 8,500

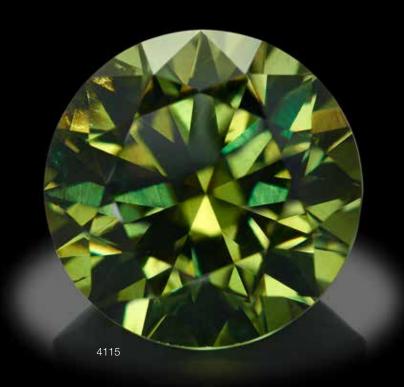
4113 **ORANGE-RED SPESSARTITE GARNET**

A large oval-cut gemstone of deep red color, having excellent transparency and luster. Weighing approximately 15.96 carats and measuring 15.91 x 12.03 x 8.96mm

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

Accompanied by an American Gemological Laboratories report numbered 1089957 dated January 24, 2018 stating that the 15.96 carats orange-red garnet is a Spessartite garnet and that it shows no gemological evidence of enhancements or treatments.





4114 SPESSARTITE GARNET

Mozambique

A beautiful cushion-shaped gem garnet of rich orange color, faceted in Idar-Oberstein. The color is neither too light or too dark and the clarity and luster are exceptional. Weighing approximately 15.74 carats and measuring 15.27 x 15.17 x 8.55mm

\$8,000 - 10,000

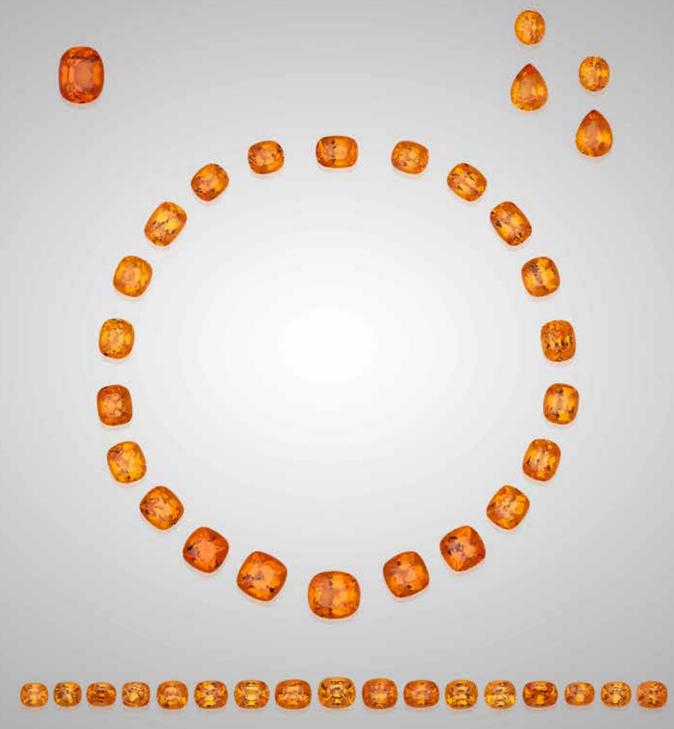
4115

LARGE DEMANTOID GARNET

Ural Mountains, Russia

A classic circular-cut, this is a fine example of a Russian demantoid garnet with its excellent clarity and luster. Weighing approximately 4.62 carats and measuring 9.63 x 6.69mm

\$25,000 - 30,000



EXCEPTIONAL SUITE OF SPESSARTITE GARNETS

Namibia

This very fine suite of bright "Fanta" orange spessartite garnets is comprised of a total of forty-four stones, consisting of primarily cushion-shapes and also including two ovals and two pear-shapes. Including layouts for a necklace, bracelet, earrings and a ring. The largest stone weighing approximately 11.67 carats and the smallest weighing approximately 1.83 carats. Such an exceptional suite would have taken several years of high-grading and collecting to have formed as the stones are exceptionally well-matched for color, clarity and luster. *Total weight approximately 200.41 carats. (44)*

MANDARIN GARNET

Namibia

Vivid orange in color, this fine Spessartite garnet has been faceted as a heart-shape. Both the luster and clarity are excellent. Weighing approximately 6.0 carats and measuring 10.75 x 9.68 x 6.72mm

\$1,000 - 1,500

4118

DEMANTOID GARNET

Namibia

Fashioned as a pear-shaped stone having a rich leaf-green color, with excellent luster. Weighing approximately 1.27 carats and measuring 7.0 x 5.5 x 4.0mm

\$1,200 - 1,500

To be sold without reserve

4119

TSAVORITE GARNET

Kenya

With its excellent clarity, this attractive emerald-cut stone displays a rich green color. Of suitable size for mounting as a ring. Weighing approximately 2.48 carats and measuring 9.84 x 6.35 x 4.18mm

\$2,000 - 3,000

4120

PAIR OF CARVED TSAVORITES

Kenya

This pair of transparent green stones in the shape of stylized leaves have been carved from green grossular garnet variety Tsavorite. This mineral is rarely seen used in carvings. Weighing approximately 13.23 carats and 12.89 carats and measuring 22.54 x 13.41 x 4.36mm and 22.14 x 13.82 x 4.65 mm

\$1,500 - 2,000

Accompanied by a Gemological Institute of America report number 216241106 dated June 19, 2014 stating that the two transparent carvings are grossular garnet variety Tsavorite and that they show indications of clarity enhancement.

4121

TWO RED GARNETS

Including a circular-cut, rich red garnet, weighing approximately 11.49 carats and measuring 13.14 x 7.67mm; together with an oval-cut red garnet, weighing approximately 12.04 carats and measuring 15.11 x 11.74 x 8.56mm.(2)

\$900 - 1,200

To be sold without reserve

4122

TWO DEMANTOID GARNETS

Namibia

An oval-cut stone, weighing 1.10 carats and measuring 6.62 x 4.92 x 3.95mm; together with a cushion-shaped demantoid garnet, weighing approximately 1.12 carats and measuring 6.14 x 5.31 x 3.99 carats. (2)

\$1,500 - 2,000

To be sold without reserve

4123

SUITE OF THREE DEMANTOID GARNETS

Ural Mountains, Russia

These three circular-cut demantoid garnets illustrate the top of the range of color in which this rare collector's stone can be found. A vivid, well-saturated green with a complete absence of yellow. Suitable for mounting as a pair of earrings and a ring with weights as follows: 1.13cts, 1.15cts and 1.29cts. Total combined weight approximately 3.57 carats. (3)

\$8,000 - 10,000

4124

VIVID GREEN DEMANTOID GARNET

Ural Mountains, Russia

A circular cut, bright green demantoid garnet having excellent luster and dispersion. Weighing approximately 1.15 carats and measuring 6.0 x 4.0mm

\$1,200 - 1,500

























CALIFORNIA BLACK JADE WITH 24K GOLD PLATED MAGNETITE INCLUSIONS

Victorville, California

This highly aesthetic and painterly angular drop-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 carats and measuring 65.44 x 36.67 x 4.90mm

4124A

LARGE AND EXCEPTIONAL CORDIERITE VAR. IOLITE

Tanzania

Leif Eriksson and other Viking explorers who ventured far out into the Atlantic Ocean, used thin pieces of lolite as the world's first polarizing filter to help them determine their geographic position. Looking through an lolite lens, they could determine the exact location of the sun and navigate safely to the New World and back. The optical property called pleochroism is very pronounced in lolite-producing different colors when the stone is seen from different positions. Overall, lolite appears as violet-blue or indigo and even to a clear light blue. The gem is also known as "Water Sapphire" or Dichroite. Iolite's name comes from the Greek ios, meaning violet, and is the gem version of the mineral Cordierite. The present oval cut stone has a rich, deep saturation of purplish-blue color. It is exceptionally large for the species as most iolites found are in the 1 to 2 carats range. Weighing approximately 15.62 carats and measuring 19.46 x 14.04 x 11.05mm

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

4126

PAIR OF RUSSET-YELLOW JADEITE BANGLE BRACELETS

Burma

Each bangle bracelet having good translucency, with russet brown to yellow in color, with domed exterior and slightly rounded to the interior, *inner diameter: 2 3/8in* (2)

\$3,000 - 5,000

4127

TWO LAVENDER JADEITE PENDANTS

Burma

The first, of triangular outline, with *ruyi* and bat motif decoration, *weighing approximately 75.54 carats. Height 1 1/2 in*; the second, of tapering rectangular form, with dragon motif decoration. *Height 1 3/4 in* (2)

\$700 - 900

4128

MULTI-COLOR JADEITE BANGLE BRACELET

Rurma

A beautiful and highly translucent example of a jadeite jade bangle with natural shading from reddish-russet jade to yellow to celadon to bluish green with some flecks of spinach green. Weighing 81.83 grams. Inner Meausuring 83.96 x 60.10 x 11.85mm. Inner diameter 62.0mm

\$5,000 - 7,000

Accompanied by a copy of a Mason-Kay Jadeite Authenticity report #180112-8183 dated January 12, 2018 stating that the jadeite jade bangle weighing 81.83 grams is Natural Jadeite jade with no dye or polymer detected---"A" Jade.

4129

CARVED JADEITE PENDANT

Burma

Carved on both sides, with typical gourd decoration and *ruyi* with multi-color hues of green and russet, drilled to accommodate a pendant bail. *Height 2in*

\$500 - 700

4130

PAIR OF RUSSET JADEITE PENDANTS

Burma

The first, of tapering rectangular form, carved with peach decoration, height 2 1/4 in; the second, having fish and lotus leaf design, height 2in. Each drilled to accommodate a pendant ball (2)

\$800 - 1,200







4129

4131 JADEITE SADDLE RING

Burma

Carved at the top of the ring with traditional motifs, highlighting the apple green portion of the ring, graduating to pale greenish grey at the bottom. Size 8

\$700 - 900

4132

CARVED JADEITE PENDANT

Burma

Of celadon green with splashes of apple green, carved with a design of a basket with fruit and a bird, drilled to accommodate a pendant bail. Height 2in

\$1,000 - 1,500



4128



4131







LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY | 53

4130







RED HARDSTONE INKWELL

Most likely carved of South African jasper, of octagonal outline, raised on a plinth base and formed of panels with a removable glass liner. The silver borders having a floral decoration, and German silver hallmarks, with a grape cluster finial. *Height 5 1/2 in*

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

4135

RED HARDSTONE TAZZA

Giving the appearance of a Roman antique porphyry urn, the present carved bowl was mostly like made of a South African jasper. *Diameter 8 1/2 in. Height 4 1/2 in*

\$900 - 1,200 To be sold without reserve

4133

JADEITE TABLE SCREEN

A lavender jade carving having very good translucency, carved with a bas relief to one side depicting two cranes amidst flowering tree branches. With Chinese inscription to the reverse side. Framed in a wood, removable from the free standing base. *Measuring 18 1/2 x 12 x 6in*

\$4,000 - 6,000









MATCHED PAIR OF MULTI-COLOR JASPER VASES

Of traditional baluster form, each carved from a single specimen of jasper, which has undergone a traditional treatment to strengthen the saturation of colors before being honed to a bright polish. Measuring 16 x 8in (2)

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

4137

GROUP OF THREE LARGE DECORATIVE VASES

Consisting of one tall vase with grey pattern, height 14 1/2 inches; a low circular bowl with dark green, burgundy, tan and white banding, diameter 14 inches; and a wide conical shape vase, height 9 inches. (3)

\$900 - 1.200 To be sold without reserve

4138

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

\$2,500 - 3,500 To be sold without reserve

4139W

IMPRESSIVE LEOPARD SKIN JASPER BOWL

Madagascar

A very large presentation bowl which is as functional as it is beautiful. Brought to a high polish on both the interior and the exterior. Weighing approximately 77 lbs. Measuring 18 1/2 x 18 1/2 x 7 1/4in

\$700 - 900











4140 PAIR OF GREEN JASPER VASES Taiwan

Each carved from a single specimen of jasper, which is then heat treated to enhance the richness of its color before polishing the surface. *Measuring 10 1/2 x 9 in*

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

MULTI-GEMSTONE INTARSIA BOX OR HUMIDOR

A fine lapidary creation, possibly humidor possibly for use as a humidor; while the box is lacking in humidor fitting it could still be used for the storage of cigars. Formed of lozenge-shaped sections of red jasper between borders of brecciated jasper and green conglomerate stone. *Measuring 12 3/4* x 9 x 5 1/2in

\$3,000 - 5,000

4142

LARGE GREEN JASPER VASE,

Taiwan

Carved from a single large boulder of Taiwanese jasper which has been heat treated to bring out more saturated colors. The bulbous ovoid form presents a impressive shape and shows the skills of the lapidary artist. Height 12in; width 18in

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

4143

THREE "ZEBRA" JASPER TIGERS

Depicting a family of tigers: male, female and offspring each carved from a single specimen of dramatically stripped jasper known as "zebra" jasper. *Lengths:* 14 1/2, 13 1/2 and 10 in

\$1,500 - 2,000

4144

JASPER CARVING DEPICTING A WOLF

Carved from a single piece of jasper, the lapidary artist has expertly used the inherent two colors to render the fur of the wolf and the ground upon which he walks. With a naturalistic gait and texturing of fur. The teeth are made of white agate and the tongue, rhodonite. Length 13in

\$2,500 - 3,500



4145





4145 W

LAPIS LAZULI INTARSIA TABLETOP

Afghanistan

Lapis lazuli has been mined in Afghanistan for over 6500 years and it has decorated the thrones and statues of pharaohs and emperors. Lapis dust was also used as color by famous European artists in work their production of art in 17th and 18th centuries. The present offer follows in this rich tradition. Of circular outline, this tabletop is inlaid with sections of polished lapis lazuli in a concentric pattern. *Diameter 31 x 1/2 in*

\$2,000 - 3,000

4146

LAPIS LAZULI JEWELRY BOX

Fabricated in Russia, formed of beveled panels of gem-grade Afghani lapis lazuli, between engine-turned borders of gold vermeil, raised on four ball feet. *Length 2 3/4 in.*

\$500 - 700 To be sold without reserve



4147

LAPIS LAZULI INTARSIA PITCHER AND TWO TUMBLERS

Afghanistan

Each formed of inlaid sections of polished lapis lazuli and comprising of a decorative pitcher lined with brass, *height 9in*; together with a pair of tumblers also lined with brass, *5in*

(3)

\$800 - 1,000 To be sold without reserve 4148

TWO LAPIS LAZULI INTARSIA BOWLS

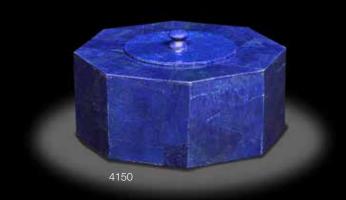
Afghanistan

Of circular form composed of small geometric sections of bright blue lapis lazuli with pyrite inclusions. Each raised o small foot. *Diameters of 8in (2)*

\$800 - 1,000 To be sold without reserve



4149





LAPIS LAZULI AND WHITE MARBLE TABLE TOP

Afghanistan

Of octagonal outline, the center is formed of a patch work of intarsia lapis lazuli sections within a border of white marble. *Measuring 24* x 24 x 1/2in

\$700 - 900 To be sold without reserve

4150

LARGE LAPIS LAZULI INTARSIA BOX

Afghanistan

Of octagonal outline, formed of inlaid panels of jewelry grade lapis lazuli having a deep, rich blue color and pyrite inclusions, honed to a mirror-bright polish. With a removable inset circular lid having a knob finial. *Measuring 10* x 1/2 x 10 1/2 x 4 1/2 in

\$800 - 1,200

4151

LAPIS LAZULI INTARSIA BOX WITH GILDED BRONZE DRAGON

The lid of this exceptional lapidary box is formed from a single large slab of Afghani lapis lazuli. The color is a rich blue and jewelry-grade and is flecked with pyrite and calcite veining. The hinged lid opens to reveal a blue crushed velvet lined interior. Raised on four acanthus leaf and lion's claw decorated feet with a bronze plate applied to the underside of the box and a dragon to the front of the lid. Measuring 10 1/2 x 6 1/4 x 4in

\$2,500 - 3,500



LAPIS LAZULI FREE-FORM BOULDER

Afghanistan

A large decorative specimen of rich blue lapis, contour polished to follow the natural faces of the boulder, showing banding of calcite on the sides. Weighing approximately 62 lbs (28 kilos) and measuring 12 x 16 x 4 1/2 in

\$2,000 - 3,000

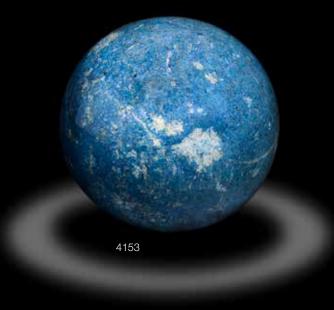
4153 W

LARGE LAPIS LAZULI SPHERE

Afghanistan

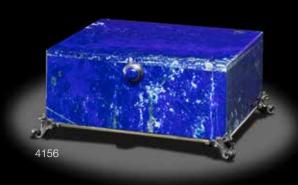
Of rich denim color, with blue calcite inclusions, this large sphere is wellpolished and would create a handsome decorative element in any interior. Weighing approximately 70.6 lbs (32 kilos) Diameter 10 in.

\$1,800 - 2,200









PAIR OF LARGE LAPIS LAZULI INTARSIA OBELISKS

Aghanistan

A handsome decorative pair, each composed of geometric sections of polished lapis lazuli with some white calcite veining. *Measuring 27* x 8 x 8in

\$1,500 - 2,000 To be sold without reserve 415

LAPIS LAZULI INTARSIA BOX

Fabricated in Russia and formed of jewelry grade panels of Afghani lapis lazuli, of vivid blue with excellent pyrite inclusions. The lid with piano hinge opening to reveal a black velvet lined interior. *Measuring 6 x 4 3/8 x 1 5/8 in*

\$1,200 - 1,500

4156

SMALL LAPIS LAZULI INTARSIA BOX

Fabricated in Russia, of jewelry-grade Afghani lapis lazuli, with a cabochon lapis lazuli thumb-piece, the hinged lid opening to reveal a cerulean blue velvet lined interior. The underside of the box lined with a bronze plate. Raised on four scrolling acanthus decorated patinated bronze feet. *Measuring 4 1/2 x 3 1/2 x 2in*

\$700 - 900 To be sold without reserve







PAIR OF LAPIS LAZULI FALCONS IN FIGHTING POSE

The two birds carved of Chilean lapis lazuli, the wings tipped in a gold vermeil finish. The fighting pair perch upon a Brazilian quartz cluster with excellent terminations, raised on a black onyx plinth. With detachable wings for ease of transport. Height 15 in

4158

LAPIS LAZULI CARVING OF A JAGUAR

Afghanistan

Carved to depict a polished crouching jaguar atop a rocky outcrop of matte finish. Length 6 1/2in

\$1,000 - 1,500

LAPIS LAZULI CARVING OF A BIRD ON **PYRITE BASE**

Depicting a finch carved from a single piece of lapis lazuli with inset tiger's-eye beak and carnelian eyes. With a base of a glistening pyrite cluster. Measuring 6 1/2 x 3 1/2 x 2 1/2in

\$1,000 - 1,500

\$4,000 - 6,000



LAPIS LAZULI BEAD NECKLACE

Afghanistan

Consisting of 28 spherical, polished 14mm lapis lazuli beads string in a single-strand necklace, weighing approximately 603 carats, completed by a clasp, length 17in

\$800 - 1,200

4161

PAIR OF LAPIS LAZULI CABOCHONS

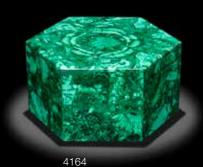
Afghanistan

Two large oval cabochons of gem quality, jewelry grade lapis having a consistent blue color with flecks of pyrite. Weighing approximately 168.14 carats and measuring 39.32 x 30.47 x 8.34mm

\$400 - 600 To be sold without reserve









LARGE MALACHITE CROSS-SECTION SLAB

Democratic Republic of Congo
A very fine, contour polished specimen which is a slab of impressive thickness--a cross-section slab of a very large boulder which shows the excellent concentric banding of the mineral. Such large specimens are now increasingly difficult to obtain in today's market. Measuring 9 x 9 x 1in

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

Provenance: Ex. Collection of Joel and Barbara Hauser.

4163

MALACHITE INTARISA JEWELRY BOX

Designed in the form of a miniature chest of drawers with an arrangement of two smaller drawers above and two larger drawers below, the top formed of four panels of malachite joined together to create a larger surface. With borders of black onyx. The drawers opening to reveal green velvet lined interiors. *Measuring 7 x 10 1/2 x 5 1/4 in*

\$2,000 - 3,000

4164

MALACHITE INTARSIA BOX

Democratic Republic of Congo
Of hexagonal outline, composed of sections
of malachite which show excellent concentric
banding, inlaid into a mosaic from which the
panels in this box have been created. With
removable lid. Measuring 5 3/4 x 5 3/4 x 3
1/4 in

\$1,200 - 1,500

4165

TWO MALACHITE CARVINGS OF ELEPHANTS

Democratic Republic of Congo
Depicting a mother elephant and offspring, each figure carved from a single specimen of malachite exhibiting beautiful concentric bands of growth. Lengths 7 in and 6 in.

\$700 - 900 To be sold without reserve

4166

ROBUST MALACHITE STALACTITE

Democratic Republic of Congo
With a circumference of 8 1/2 inches this
is a large and robust malachite stalactite.
Displaying a novel growth habit, the stalactite
appears to have "folded over on itself" at the
termination. Height 8 1/2 in

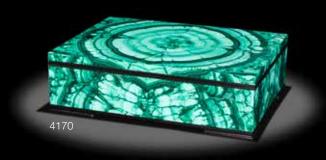
\$1,200 - 1,500











MALACHITE INTARSIA COFFEE TABLE WITH BUTTERFLY MOTIFS

This large and impressive table is of suitable height for use in front of a sofa. Of circular outline, it is inlaid with sections of malachite originating from the Democratic Republic of Congo. The intarsia work is excellent and the concentric circular patterns are accented at intervals with 8 inlaid butterfly motifs. *Diameter 40 in. Height 13 1/2 in*

\$4,000 - 6,000

4168

MALACHITE INTARSIA BOX WITH GILDED BRONZE CHERUBS

Highly graphic in the juxtaposition of malachite sections to create this high-quality intarsia. Fabricated in Russia of malachite originating in the Democratic Republic of Congo, with piano hinged lid opening to reveal an opulent green crushed velvet interior, with a gilded bronze cherub to each corner, malachite cabochon thumbpiece to the front. With a solid bronze plate lining the underside of the box. *Measuring 9* 1/2 x 7 x 3 1/2 in

\$2,500 - 3,500

4169

MALACHITE INTARSIA BOX

Of sarcophagus shape, this fine quality box was fabricated in Russia of cross-section panels of malachite from the Democratic Republic of Congo. The hinged lid opening to reveal a green velvet lined interior. *Measuring 8 x 6 x 4 in*

\$2,000 - 3,000

4170

MALACHITE INTARSIA BOX

Fabricated in Russia of malachite sourced in the Democratic Republic of Congo, this fine jewelry grade box is made of panels of malachite which are beautifully book-matched at the seams. The hinged lid opens to reveal a green velvet lined interior. With black onyx borders, raised on for black onyx feet. *Measuring 8 x 6 x 2 1/2 in*

\$2,000 - 3,000



LARGE MALACHITE SPHERE

Democratic Republic of Congo

A fine sphere of malachite, showing characteristic concentric banding and various patterns of growth. With one or two natural crevices on the surface where there are intersections of growth. Diameter 6in

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

4172

MALACHITE EGG-FORM CARVING

Democratic Republic of Congo

A very large, well-polished egg carving, formed from a single specimen of malachite which displays excellent growth structures and fascinating natural cavities. Height 7 in

\$1,200 - 1,500

MALACHITE PSEUDOMORPH AFTER AZURITE

Ibajara, Bahia, Brazil

An attractive cabinet piece which is a large "plate" comprising botyroidal malachite beneath an overgrowth of azurite crystals which have pseudomorphed into malachite. Measuring 7 x 6 x 1 1/2 in

\$300 - 500

4174

LARGE MALACHITE SPECIMEN

Democratic Republic of Congo

Large specimens of malachite are now increasingly difficult to find in the marketplace. This is an impressive piece which shows the geologic forces at work in the copper cave from which it originated: the weathered surface indicates that cave waters would have reached its surface and caused some erosion. Measuring 17 x 13 x 6in

\$2,000 - 3,000





TWO NESTED MALACHITE SIDE TABLES

A pair of nested side tables, each of circular outline on metal frames. The table tops are each formed of inlaid sections of malachite from the Democratic Republic of Congo. The larger one: diameter 20 in x height 26 in; the smaller table: diameter 16 x 22 inches in height. (2)

\$2,500 - 3,500

4176

POLISHED MALACHITE SPECIMEN

Democratic Republic of Congo

A fine, large display specimen that is a classic for the region, contour polished to the face, with beautiful bull's eyes and concentric banding visible across the surface. The reverse side is polished as well and still retains some natural cavities and botryoidal formations. *Measuring 10* \times 7 \times 4in

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

4177

MAW-SIT-SIT BEAD NECKLACE

Rurma

Known today in the gem trade as "kosmochlore-jade", previously used names for maw-sit-sit in the West were jade-albite or chloromelanite. A metamorphic rock with a complex composition from Myanmar (Burma), the name maw-sit-sit is given by the local people. This is a mineral which has become increasingly sought-after in the last few years. The present necklace is a single-strand, comprising 126 beads of each 7mm diameter of bright green color, completed by a 14K yellow gold filigree clasp. Weighing approximately 52.30 grams. Length 36in

\$1,200 - 1,500



IMPRESSIVE WHITE MARBLE CARVING DEPICTING A BEAR **AND CUB**

A virtuoso work of monumental size, suitable for indoor or outdoor use. Carvings of this size demonstrate the art of the lapidary as the artist must be mindful of correctly depicting the sense of scale and proportions as well as remaining faithful to a sense of naturalism in texturing the fur. Height 42 1/2in

\$4,000 - 6,000



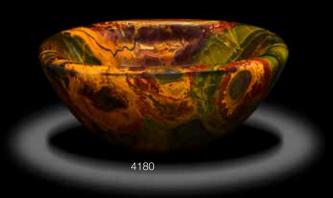


4179 **BLADED MUSCOVITE**

Brazi

Comprised of a large number of intergrown clusters of luminous, pearlescent bladed muscovite crystals which cover the entire surface of this specimen. Fully three-dimensional, the specimen is viewable from all sides with only a small attachment point and is a near "floater". $Measuring\ 9\ x\ 5\ x\ 4in$

\$2,500 - 3,500



4180 **EXCEPTIONAL MARRA MAMBA TIGER'S EYE BOWL**

Mount Brockman Station, Western Australia
Only rarely do Marra Mamba specimens find their way to market, as the source for this brilliant stone has now been mined out. Fortuitous geologic circumstances produced the limited deposits of this material, located in central Western Australia, more than 1,000 kilometers northeast of Perth. Over millions of years, water heated by volcanic activity dissolved much of the silica from the banded iron formation in this region, leaving huge iron ore deposits of almost pure hematite. In other places, red and yellow iron oxides and/or silica were deposited as veins or replaced the wall areas of fine cracks in the host rock. The resulting stone, a highly sought-after variety of tiger's eye, is found only in this region.

The present decorative and functional bowl displays spectacular bands of golden tiger's eye and brilliant red jasper. The gentle curves of the layers are a testament to the immense pressures to which the rock was subjected over the millennia. *Measuring 14 x 10 x 6 in*

\$6,000 - 8,000

4181 W

MARRA MAMBA TIGER'S EYE SPHERE

Mt Brockman Station, Western Australia

The mining district for this mineral is located in central Western Australia, over 1000 km north east of Perth. Over millions of years waters heated by volcanic activity dissolved much of the silica from the banded iron formation in this region leaving huge iron ore deposits of almost pure hematite. In other places, red and yellow iron oxides and/or silica were deposited as veins or replaced the wall areas of fine cracks in the host rock. The resulting stone, a highly sought-after variety of tiger's eye, is found only in this region and is known as Marra Mamba. The source is now mined out and only rare specimens make their way onto the market and certainly not of this size. This large and very fine sphere displays the typical bands of golden tiger's eye, brilliant red jasper, as well as stromatolite. With gentle curves the layers are a testament to the immense pressures to which the rock was inexorably subjected over the millenia. The art of sphere making is particularly difficult with this material due to the varying hardnesses of the three stones contained in it. Diameter 11 1/2in

\$9,000 - 12,000









NEPHRITE AND SILVER CLOCK

Fabricated in Russia, circa 1980, in the style of Fabergé, with polished sections bright green nephrite, decorated with borders of sterling silver with classical motifs of laurel leaf decoration and egg and dart decoration, the clock dial signed Rakema. Height 9 3/4 in

\$4,000 - 6,000

IMPRESSIVE NEPHRITE CARVING OF AN OWL

Carved of British Colombian nephrite, this fine depiction of a barn owl as it sits perched upon a large branch. signed with Chinese characters on the base. Height 9 1/2 in and weighing 9.8 lbs.

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

4184

TWO NEPHRITE OBJECTS

Including a vintage nephrite box with domed lid and good thinness of sides allowing for transmission of light. The silver borders and mounts, with Austrian silver hallmarks, length 4 3/4 in.; the nephrite cup showing excellent thinness of sides, height 2 1/4 in. (2)

\$900 - 1,200 To be sold without reserve

GROUP OF NEPHRITE AND SERPENTINE OBJECTS

Including three small bowls showing excellent thinness of sides and good translucency, each of circular outline, diameter 4 3/4 in: and a smaller nephrite bowl, diameter 3 1/2in; together with two serpentine goblets, height 3 1/2in. (5)

\$700 - <u>900</u> To be sold without reserve









NEPHRITE FREE-FORM BOULDER

Afghanistan

The region of Afghanistan has been a mineral-rich one for thousands of years and, in addition to its fabled mines of lapis lazuli, nephrite has be extracted for a long time. The present example is a rare celadon green type of nephrite, which has been contour polished to follow the natural lines of the boulder. An impressive statement piece for either either a residential or corporate interior. Weighing approximately 54 kilos. Height 23 in

\$3,000 - 4,000

4187

BIG NEPHRITE BI DISC ON WOODEN STAND

Polar Jade Mine, British Columbia

One hundred miles east of the Alaskan Border, the Polar Jade Mine is the premier source for British Columbian nephrite which is exported around the world. The mining season is short and the source a limited supply making nephrite from this source a desirable commodity. Fred Ward described this nephrite in the Lapidary Journal, November 1998, as, "the newest, brightest, most translucent, greenest, hardest nephrite yet discovered." The present offering is a slab of nephrite carved into a Chinese "bi" disc, removable from a custom-built wooden stand. Diameter of disc: 12 in. Height overall with stand: 14 in

\$1,500 - 2,000

4188

TWO HARDSTONE CARVINGS OF BIRDS

The first, carved of black obsidian depicting an eagle on a quartz crystal cluster, raised on a black onyx base, height 11 in; the second, also carved of black obsidian, on a quartz base, raised on an agate slab base, height 5 1/2 in. (2)

\$1,000 - 1,500

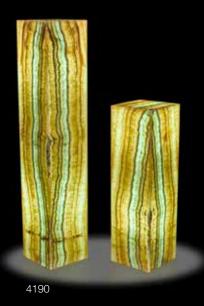
4189 W

LARGE BLACK ONYX CARVING OF AN IGUANA

Brazi

A reptilian quality is well-communicated with this expert rendering of an iguana carved from a single specimen of black onyx. The detailing is naturalistic and believable. *Measuring 11 1/4 x 20 x 9 in*

\$2,500 - 3,500





TWO BANDED ONYX LUMINAIRES

Mexico

Each light fixture comprised of four panels of highly figured, banded onyx rich in coloration and including an unusual blue hue, beautifully matched at the seams, electrified. Measuring 59 x 12 x 12in; the second measuring 39 1/2 x 12 x 12 in (2).

\$3,500 - 5,500

4190A W

LARGE BANDED ONYX BOWL

Mexico

Of undulating, free-form outline, this decorative bowl which is as functional as it is beautiful. With graphic black, white and beige banding producing a dramatic contrast. Measuring 24 x 18 x 7mm (60 x 45 x 20 cm)

\$1,800 - 2,500

4191 W

PAIR OF BANDED ONYX LUMINAIRES

Mexico

Each light fixture comprised of four panels of highly figured, banded onyx rich in coloration, beautifully matched at the seams, *electrified*. Height 72in; width 12in; depth 12in

\$4,000 - 6,000

4191A

HARDSTONE CARVING OF BIRDS

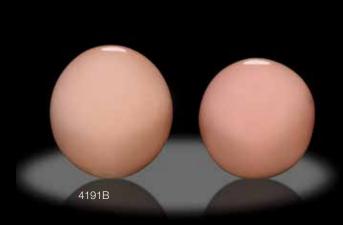
This highly decorative carving is made from translucent white onyx which most likely originating from Mexico. The ethereal mineral has been used to depict three birds and cherry blossoms on a tree styled in the traditional Chinese manner. *Measuring 11 x 9 x 1 1/4 in*

\$600 - 800

To be sold without reserve











4191B

TWO CONCH PEARLS

Strombus gigas or "Queen Conch" Caribbean Sea

Well-matched for their flamingo pink-orange color and flame pattern iridescence, the first, of spherical shape, weighing approximately 11.32 carats; the second, also of spherical shape, weighing approximately 9.15 carats, suitable for mounting as a pair of earrings. (2)

\$16,000 - 20,000

4192

LARGE PERIDOT

Pakistan

This fine pear-shaped peridot would create a stunning necklace or pendant. The saturation of color is excellent as is the luster and clarity. Weighing approximately 65.76 carats and measuring 30.24 x 21.86 x 16.26mm

\$9,000 - 11,000

4193

PERIDOT

Burma

A cushion-shaped stone with pleasing proportions having good luster. Weighing approximately 12.37 carats and measuring 13.64 x 11.97 x 9.03mm

\$600 - 800

4194

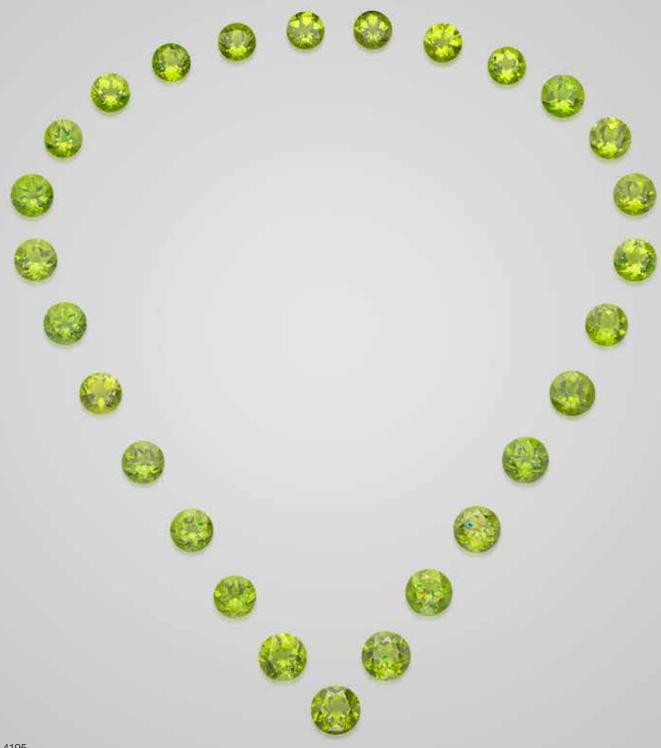
EXCEPTIONAL PERIDOT

Pakistar

This is a very fine, square-cut peridot, with just the right color saturation and hue. The simple faceting style of the emerald-cut is ideal for best displaying the high degree of clarity and luster of this stone. Suitable for mounting as a ring or pendant. Weighing approximately 47.83 carats and measuring 21.18 x 20.02 x 13.90mm

\$7,000 - 9,000

4194



SUITE OF PERIDOTS

This beautiful layout, suitable for mounting as a necklace, consists of 27 circular brilliant-cut peridots, ranging in size from 8.77 carats to 4.02 carats, with a total aggregate weight of approximately 150.5 carats. (27)

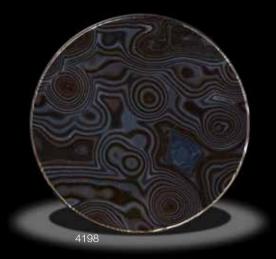
\$12,000 - 15,000











TWO PETALITES

Brazi

A beautiful pair of rare petalites, faceted here as Portugese, modified cushion shapes with checkerboard faceted pavilions; their luster and clarity is excellent. *Total weight 14.10 carats and measuring 15.5 x* 11.22 x 7.67mm

\$400 - 600

4197

LARGE PETALITE

Brazil

A rare mineral, petalite generally occurs in pastel yellow although it is sometimes seen ranging from pink to colorless. It was discovered on the Swedish island of Ut Arfvedson by the Brazilian scientist, Jos Bonifacio de Andrada de Silva, while he was visiting Sweden towards the end of the 18th Century. The name "petalite" is derived from the Greek Petalon meaning 'leaf' and 'lithos' meaning stone referring to its leaf-like cleavage. The major sources for nice, transparent and facetable stones are Brazil and Namibia, with the present example coming from a Brazilian source. It owes its desirability to rarity, and definitely deserves a place in collections, especially in larger sizes. Any specimen that weighs above 2.0 carats is considered rather large. Whether used as a collection stone or mounted as jewelry (the hardness is 6-6.5), it is sure to be a great conversation starter. An exceptional example of a petalite, this modified radiant-cut is outstanding for its cut, luster and clarity. Weighing approximately 18.46 carats and measuring 21.59 x 15.06 x 10.16mm

\$600 - 800

4198

PSILOMALENE CABOCHON

Psilomelane is, at times, erroneously called black hematite, despite not being related to true hematite, which is an iron oxide. Psilomelane is a mixture of a number of minerals, although is composed mostly of the mineral Romanechite. Though its mineral name is losing its significance, it is still in use around the world as the name is applied to hydrated barium bearing manganese specimens.

Psilomelane is an important ore of manganese. With stripes of gray pyrolusite and the alternating layers submetallic black and metallic gray make this stone an ideal piece to wear. The present circular cabochon, suitable for mounting as a pendant or brooch with beautiful concentric banding, is slightly domed on one side and flat polished on the other. Weighing approximately 71.0 carats and measuring 40.52 x 4.05mm

\$700 - 900

4199

LARGE PYRITE SPHERE

Peru

This sphere has large size to recommend it as well as superb surface luster of its polish. Fascinating crevices are seen with drusy crystallization within. Weighing approximately 32.3lbs. Diameter 7 1/2 in

\$1,500 - 2,000



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

\$2,000 - 3,000



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

\$2,000 - 3,000





LARGE GROUP OF MISCELLANEOUS MINERALS

World Localities

Including a polished Brazilian rutilated quartz point, height 3 1/2 inches; a selenite wand, height 10 1/2 inches; a labradorite sphere, diameter 3 inches; a black tourmaline, rose quartz wand a small fluorite wand, a pyrite cube, a tourmaline in quartz, height 8 1/2 inches; and an aquamarine in mica. (approx. 30pcs)

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

4203

TOURMALINE IN QUARTZ PLAQUE

Bahia, Brazil

Suitable for use as a base for a lapidary object or to be displayed with transmitted light from behind to best show off the inclusions. Weighing approximately 1403.5 carats and measuring 5 5/8 x 4 1/4 x 1/4in

\$1,000 - 1,500

4204

RARE AZURITE IN QUARTZ

Brazi

From a new, but very limited deposit, this rare variety of quartz exhibits vivid blue inclusions which are at the same time translucent. *Together weighing 38.40 carats. Height 32.5mm approximately (2)*

\$600 - 800

4205

GROUP OF SIX RUTILATED QUARTZES

Brazil

Comprising cabochons which have very well-centered, six-rayed stars formed of golden rutile with hematite to the center: two oval, weighing approximately 4.76 carats, 5.28 carats; one circular, weighing approximately 11.39 carats; and three pear-shaped, weighing approximately 14.01 carats, 9.12 carats, 4.26 carats. (6)

\$300 - 500 To be sold without reserve







AMETRINE

Anahi Mine, Santa Cruz Department, Bolivia

Bi-color yellow and purple quartz—known as ametrine—is a naturally occurring variety of quartz and is a mixture of amethyst and citrine with zones of purple and yellow. Almost all commercially available ametrine is mined in Bolivia. Occasionally seen in the jewelry world as faceted gemstones, it rarely makes its way to the market in its original crystal form. This striking, well-terminated example is notable for its rich color zoning from violet to golden yellow. Weighing 795 grams; Measuring 7 x 3 x 2 3/4 in

\$1,500 - 2,000

4207

FACETED AMETRINE

Anahi Mine, Bolivia

Of elongated octagonal shape, suitable for mounting as a pendant this beautiful gem shows the distinct color zoning of the amethyst and citrine portions of the natural crystal. Weighing approximately 46.45 carats and measuring 33.06 x 19.18 x 7.44mm

\$700 - 900

4208

LEMON QUARTZ NECKLACE

Designed as a two strand necklace, composed of highly transparent lemon quartz, alternating with lemon quartz spherical spacers, by a silver clasp set with small peridots, *length 18in*

\$600 - 800 To be sold without reserve 4209

GREEN BERYL

Brazi

Characterized by a rich green, this oval-cut beryl has excellent luster and clarity. Weighing approximately 16.0 carats and measuring 20.13 x 14.58 x 8.54mm

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

4210

MULTI-COLOR QUARTZ BEAD NECKLACE

Comprising large faceted beads of amethyst, lemon quartz, rose quartz and rock crystal quartz, weighing approximately 1226 carats, strung continuously without a clasp. Length 26in

\$700 - 900 To be sold without reserve

4211

FANCY-CUT AMETHYST

Of bright violet hue, Having exceptional clarity, this elongated hexagonal outline, with reverse intaglio carved keelline having geometric forms to imitate a mountain-scape. Weighing approximately 30.9 carats and measuring 26.30 x 16.53 x 11.28 mm

\$1,000 - 1,500











4212 W

CITRINE GEODE "SPLIT" ON CUSTOM METAL STANDS

Minas Gerais, Brazil

A citrine geode with fine, madeira colored crystals completely lining the interior, now split into two halves; the agatized borders are polished. When placed side by side they resemble the outstreched wings of a butterfly. One specimen measuring 23 x 12 x 4 1/2 in. Height overall 29in

\$1,200 - 1,500

Offered with two custom-fitted metal stands.

4213W

QUARTZ CRYSTAL IN ILLUMINATED GRANITE BASE BY HOVAVE RAPPAPORT

This is a very fine quality natural citrine specimen which has been utilized in this illuminated sculpture. The cluster of quartz crystals has an excellent horizon line, and when illuminated it displays a fine inner glow. *Measuring 17 x 14 x 10 in*

\$3,500 - 4,500

Hovave Rappaport

Born in 1954 in Kibbutz Bet-Alpha, Israel, Hovave Rappaport graduated from Gilboa School with a major in Art. He moved to Los Angeles in 1980 and began to sculpt with natural stone materials such as marble, granite and onyx. Later, in 1986, he developed a new form of sculpture combining these stones and lighting. His work reveals the inner beauty of the natural stone in a very original way. The basis of much of his work is done by fabricating and polishing slabs from the stones and forming various geometric shapes such as obelisks, cubes and hexagons with the materials. Hovave believes his artwork lends beauty, visual pleasure and a soothing atmosphere to their surroundings. Each of his works is unique and is signed and dated. As a recognized artist in this field, his work is represented by some of the finest galleries in the United States and Japan.

1211

GROUP OF QUARTZ CLUSTER GENERATORS

Ron Coleman Mine, Hot Springs, Arkansas Suitable for use in energy work, these mid-sized crystals come from the famous Arkansas mines which are known for high clarity quartz. The largest crystal point measuring 7 inches in length. (approximately 12 pcs)

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

4215

LARGE GROUP OF ARKANSAS QUARTZ POINTS

Ron Coleman Mine, Hot Springs, Arkansas A large group comprising hand-sized, ultra clear, quartz crystal point, most of which measure under 4in in length. (approx. 65pcs)

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



VERY FINE QUARTZ CRYSTAL POINT

Columbia

A single large crystal of exemplary form, with no polished faces, and not even on the secondary minor faces, as is so often the case with commercial grade quartz. Very high clarity, nearly optically clear at the top, with typically striated sides, a naturally healed bottom termination and incredibly high luster. It is no wonder that quartz crystals from Colombia are sought-after by both serious mineral collectors and also metaphysical crystal collectors for use in channeling work. *Measuring* 10 1/2 x 6 1/2 x 4in

\$15,000 - 20,000





4217

AMETHYST OWL ON CLEVELANDITE BASE

By Peter Muller

Brazil

An impressive carving of large scale, the owl measures 12 1/2 inches in height, with brown agate beak. His gold vermeil feet rest upon a stunning base formed of bladed clevelandite crystals, mounted on a double plinth of acrylic. *Height overall 20in*

\$6,000 - 8,000

4218 W

AMETHYST GEODE WITH CALCITE CRYSTALS--"THE SKUNK" Rrazil

A large amethyst geode section, having agatized borders which are polished and to the center, displaying two large calcite crystals which have been naturally "split" over time and which show a band of amethyst crystals in a line of growth. Specimen measuring 22 x 8 x 5in. Height overall with stand: 27in

\$1,500 - 2,000

Offered on a custom-fitted metal stand.

4219W

AMETHYST PLATE

Minas Gerais, Brazil

This is an exceptional amethyst geode section, with large crystals of amethyst apparent across its surface, some of which measure up to two inches along the edge. *Measuring 18 x 14 x 6 in. Height overall with stand 27 in.* (2)

\$1,500 - 2,000

Offered on a custom made metal stand.

4220

GROUP OF FIVE QUARTZ PAPERWEIGHTS

Braz

Including an icosi-hedron (20-sided figure), width 3 1/2 in; a pyramid, a cube, a bi-pyramid, and a dodecahedron. (5)

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



LARGE AND IMPRESSIVE AMETHYST CRYSTAL CLUSTER

Anahi Mine, La Gaiba District, Angel Sandoval Province, Bolivia One of the largest and most impressive clusters of amethyst crystals ever to be retrieved from this locality, this specimen is characterized by very large amethyst crystals having rich violet hues and some of the points show citrine at the core as well. Notable for its high degree of luster and lack of repolished terminations, this is a museum-quality specimen worthy of the most serious mineral collector's attention. Measuring 35 x 26 x 15 in

\$12,000 - 15,000





AMETHYST GEODE "SPLIT"

Minas Gerais, Brazil

A fine pair of geodes displaying large, lustrous violet crytals completely lining the interior. Each measuring approximately 30 x 16 x 14 in

\$1,800 - 2,200

4223 W

VERY LARGE AMETHYST PLATE

Brazil

This is a large inner wall of an amethyst geode, entirely covered with large, lustrous violet crystals. The effect is showy and imposing. Height without stand approximately 33in

\$6,000 - 8,000

Offered in a custom made metal stand.

4224

QUARTZ OBELISK

Brazil

Of hexagonal outline, the six sides are all polished following natural faces of the original crystal, with a polished termination, capable of standing on its own. *Height 14in*

\$300 - 400 To be sold without reserve





LARGE AMETHYST GEODES "SPLIT" WITH CALCITE

Minas Gerais, Brazil

This fine book-matched split of a large geode is entirely lined in the interior with large violethued crystals having excellent luster. Several large calcite crystals appear in the interior. The presence of the associated mineral calcite within a geode is a rare occurrence. Measuring 24 x 24 x 18 in

CRYSTALLIZED ROSE QUARTZ WITH FELDSPAR

Pitora, Galilea, Brazil

An undulating wave, or "ruffle", of conjoined rose quartz crystals, with a touch of white feldspar matrix to one corner. Measuring 2 3/4 x 1 3/4 x 1 1/2in

\$800 - 1,200

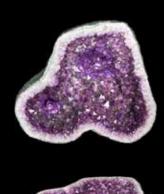
CARVED SMOKY QUARTZ GOBLET WITH SKULL DECORATION

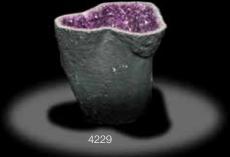
Carved from a single specimen of Brazilian smoky quartz, this functional goblet is decorated with four Gothic arches and a skull motif within each. Raised on an integral base with tapering sides on a circular plinth. Height 6 1/4in

\$500 - 700

\$8,000 - 10,000







UNIQUE AMETHYST GEODE WITH THREE OPENINGS

Minas Gerais, 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. 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 and traces of iron in the liquid produce the color. The present specimen is unique in its form and for the fact that it has remained intact. The interior is fully lined with large, lustrous violet-hued crystals. Weighing approximately 138 kilos and measuring 24 x 20 x 20in

\$2,500 - 3,500

4229 W

AMETHYST COFFEE TABLE BASE

Minas Gerais, Brazil

Typically displayed with a glass table top (not included in this lot) in order to facilitate viewing of the crystals which are contained in the interior of the specimen. Measuring 18 x 18 x 16 1/2 in

\$2,500 - 3,500



LARGE ROCK CRYSTAL QUARTZ **SPHERE**

Brazil

Crystal balls have been used for scrying--the art of looking into a reflective surface, such as glass, water, a mirror, or a crystal, to gain mystical insight--for thousands of years. The present large sphere could easily be put to this use. Carved from the massive variety of rock crystal quartz it presents a mysterious inner glow when illuminated. Diameter 8in

\$700 - 900

4231 W

LARGE AMETHYST GEODE SECTION

Brazil

A very large section or partial wall of a geode, entirely covered with large amethyst crystal points, measuring up to 1 1/2 in along the edge, having excellent saturation of deep violet color as well as good luster. Measuring 24 1/2 x 21 1/2 x 7 in

\$600 - 800 To be sold without reserve

Offered on a removable custom-fitted wooden base.

IMPRESSIVE AMETHYST BOWL

Mt. Phillips, Western Australia A massive, decorative bowl carved from amethyst sourced from a rare locality for the mineral. Exceptional care has been taken to polish the interior and exterior of the bowl to best reveal the intricate natural crystallization patterns. Natural boulder edges have been retained along the upper edge of the bowl and they show a fine druzy crystallization. Measuring 17 x 13 x 5 in

\$6,000 - 8,000

4233

GROUP OF AMETHYST SPECIMENS

Including a split geode with attractive agatized borders, diameter 4 inches; three stalactite cross-sections; and a polished specimen. (3)

\$300 - 500 To be sold without reserve











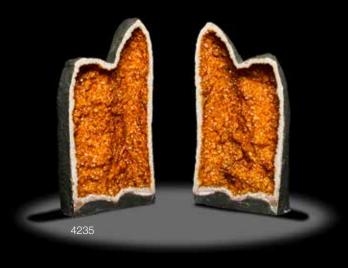




POINT Brazil

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

\$2,000 - 3,000





4235 W

IMPRESSIVE CITRINE GEODE "SPLIT"

Minas Gerais, Brazil

A large and spectacular pair of geodes, technically a large geode which has been split to reveal its beautiful interior of golden citrine crystals which cover the entire surface of the interior like a carpet. Weighing approximately 76.75 Kilos and measuring 35 x 18 1/2 x 5in

\$4,000 - 6,000

4236

JACARÉ SMOKY QUARTZ

Macaco Mine, Minas Gerais, Brazil

A fine display piece specimen is double-sided and double-terminated, formed of a string of smoky quartz crystals in a stepped formation. Its surface texture that is likened to crocodile scales by natives of the Minas Gerais mining region. This feature is termed *Pele de Jacaré* which in Portuguese means "crocodile skin". *Measuring 11 1/2 x 6 x 2 in*

\$400 - 600

Offered on a custom acrylic base.

4237

ROCK CRYSTAL QUARTZ CARVING

Carved from a single specimen of rock crystal quartz, the upper half is completed with a matte finish while the lower portion has bright polish to most effectively reveal the very high clarity of the quartz. *Measuring in*

\$1,200 - 1,500

4238

AGATE AND AMETHYST SPECIMEN WITH "BULL'S EYE"

Brazil

This is a fine decorative amethyst geode section which has richly agatized borders. Amethyst specimens which have borders of agate are considered to be significantly more valuable that those which do not. A focal point is created with a stalactite which has been cut in cross section forming a "bull's eye". Weighing 15 1/2 kilos and measuring 12 x 10 x 5 1/2 in

\$1,000 - 1,500

Offered on a custom made metal stand.







LARGE RICH, RED RHODOCHROSITE South Africa

Given the narrow pinacoidal crystal habit of this red variety of calcite, the present oval-cut is a particularly large stone for the species. Due to its exceptionally high luster and clarity it is a gem in its class. Weighing approximately 15.16 carats and measuring 16.07 x 13.55 x 9.27mm

\$8,000 - 10,000

EXCEPTIONAL RHODOCHROSITE

Sweet Home Mine, Alma County, Colorado Sure to entice the collector of rare gemstones, this cushion-cut rhodochrosite is an exceptionally bright and lustrous stone. The strawberry pink color, together with its excellent luster and clarity for the species, make this an excellent choice for the discerning buyer. Weighing approximately 15.09 carats and measuring 13.47 x 13.47 x 10.15mm

\$12,000 - 15,000

RHODOCHROSITE CARVING OF A **COCKATOO**

Carved from a single specimen of Argentinian rhodochrosite, this fine rendering of a cockatoo is rich in red color and was made several decades ago when such material was still available. The comb is carved of pink jasper and the beak black onyx. The bird sits atop a base of sphalerite. Height 8 1/2 in

\$1,500 - 2,000









RHODOCHROSITE FREE-FORM SCULPTURE

Argentina

A free-form, contour polished table top sculpture, having three primary faces which reveal a striking grapefruit pink hue, more than one bull's eye formation as well as the "bacon fat" formation of concentric or parallel banding for which this prized mineral is known. *Measuring approximately 7 1/2 x 6 x 5 in*

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

4243

LARGE CONTOUR POLISHED RHODOCHROSITE

Argentin<u>a</u>

Contour polished, and featuring two bull's eyes, this fine, strawberry pink specimen show bacon fat banding at the edges and translucency at the edges. *Measuring 10 x 8 x 1 3/4in*

\$700 - 1,000 To be sold without reserve 4244

RHODOCHROSITE

Argentina

Polished on one the face to reveal the grapefruit-red color with "bacon fat" concentric banding visible at the edges. With natural boulder surface still present on the reverse. *Measuring 7 x 6 1/4 x 1 1/4in*

\$1,500 - 2,500

424

FIVE RHODOCHROSITE SPECIMENS AND A BOWL

Argentina

Including a slab, *length 6in*; three free-form specimens, a stalactite section and a small bowl/ashtray. (6)

\$1,000 - 1,500







4245A

LARGE RHODOCHROSITE

Argentina

Free form contour polish to reveal the concentric banding known as "bacon fat". Measuring 7 x 6 x 4 1/2in

\$2,500 - 3,500

4246

RARE RHODONITE INTARSIA BOX

Ural Mountains, Russia

This is a very rare and sought-after color for rhodonite. Formed of beautifully polished panels of rhodonite having a strawberry red hue with brown, black and white veining. The box having black onyx borders and raised on four black onyx feet. The hinged lid opening to reveal a luxurious red velvet lined interior. Measuring 8 1/2 x 6 x 4 1/2

\$2,000 - 3,000

4247

RARE CRYSTALLIZED RHODONITE

Conselheiro Lafayette, Brazil

Having a nice horizon line with a "mountainscape" of translucent red crystals, measuring up to 3/4 of an inch in height on matrix. Measuring 2 3/4 x 1 3/4 x 1 1/4in

\$500 - 700



4248

RUBY IN MATRIX

Jagdelek, Afghanistan

A classic for the region, a single ruby crystal of rich red hue and fine form, *measuring 13 x 8 x 9mm*, emerges from the calcite matrix. Measuring 2 3/4 x 1 3/4 x 1/2in (68 x 58 x 16 mm)

\$1,500 - 2,000







RUBY IN MATRIX

Luc Yen, Vietnam

Comprising a large primary crystal of ruby, measuring up to 33.0 mm along the edge, displaying hexagonal growth and zoning together with numerous conjoined smaller crystals in matrix. Measuring 3 1/2 x 3 1/2 x 2 1/4 in. Total gross weight inclusive of matrix: 570 grams

\$600 - 800

4250

TWO RUBY SPECIMENS

East Africa

Each of hexagonal form, the first, of more flattened form, weighing approximately 623 carats (125.4 grams) and measuring 2 3/4 x 2 1/4 x 1/2in; the second, weighing approximately 929 carats (185.7 grams) and measuring 2 1/2 x 2 x 1 1/4 in. (2)

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

4251 **RUBY**

Tajikistan

Tajikistan's ruby deposits formed as a part of the collision between the Indian subcontinent and the Asian mainland, in a fashion similar to the deposits of rubies found in Burma, Vietnam and Afghanistan. Fine specimens are extremely rare: the present stone is a bright, luminous red which presents well by day or evening. Weighing approximately 2.56 carats and measuring 9.19 x 7.19 x 4.27 mm.

\$2,000 - 3,000

Accompanied by a Lotus Gemology report number 3678-0236 dated September 11, 2017 stating that the 2.56 crats ruby shows no indications of heating/treament and that it originates from Tajikistan.

4252

PAIR OF RUBY AND GOLD EARRINGS

Jadelek, Afghanistan

Set with two oval-cut unenhanced rubies of bright red color which originate from the historic mines of Jagdelek, *measuring 7.73 x 5.59 x 3.35 and 7.57 x 5.33 x 3.25 mm*, mounted in 14K yellow gold suspending two leaf-form pendants, with post backs. *Together weighing approximately 3.35 carats.* (2)

\$2,500 - 3,000

Accompanied by a Gemological Institute of America report numbered 5191123267 dated February 28, 2018 stating that the two natural rubies show no indications of heat treatment.

4253

TEN STRAND RUBY NECKLACE

East Africa

Comprising ten-strands of ruby beads some of which have been polished and others which have been micro-faceted, weighing approximately 1190 carats, completed with an 18K yellow gold clasp, *length 19 1/2 in*

\$4,000 - 6,000

4254

RUBY CABOCHON

Burma

An oval cabochon with a high dome, this is a large ruby with unenhanced bright red color. Weighing approximately 26.77 carats and measuring 21.24 x 14.53 x 8.86mm

\$3,000 - 4,000

Accompanied by a Gemological Institute of America report numbered 2145564073 dated April 9, 2012 stating that the cabochon ruby is a CMT Type I (Classic Metamorphic Type I) showing no indications of heating.

4255

THREE CARVED RUBY PLAQUES

Mozambique

The large, flat plaques of translucent ruby, each carved in the traditional Mughal style with floral and foliate motifs. Weighing approximately 108.0 carats, 109.0 carats and 124.0 carats respectively (3)

\$15,000 - 20,000

Accompanied by three Gemological Institute of America report nos. 211551924, 511519247 and 2115519246 dated January 4, 2010 stating that the three ruby plaques show no indications of heat treatment.

4256

SUITE OF NATURAL RUBY CROSS-SECTION SLICES

East Africa

Comprising seven pairs of rubies which have been cut as cross-section slices of a natural crystals, some with lightly polished edges. Suitable for mounting as a novel pair of earpendants or necklace front, with some translucency when held to a light. The largest ruby plaque weighing approximately 6.73 carats and measuring 14.44 x 11.17 x 3.26mm. The total weight of approximately 50 carats. (14)

\$1,000 - 1,500







SUITE OF EIGHTEEN RUBIES

Consisting of oval cabochons, suitable for mounting as a necklace, pair of earrings and ring or pendant: the largest ruby cabochon, weighing 15.39 carats and measuring 16.42 x 12.9 x 7.22mm and the smallest, weighing 3.87 carats. Total aggregate weight approximately 132 carats. (18)

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

Accompanied by a Gemological Institute of America report number 17156150 dated April 7, 2008 stating that the 15.39 carats ruby shows no evidence of heat treatment.

4258

RUBY IN ZOISITE CARVING OF A NATIVE AMERICAN

Carved from a single specimen of ruby-in-zoisite from Tanzania, the ruby sections of the mineral specimen utilized to render the red skin of the Native American brave, while the zoisite sections of the specimen are utilized to render his bear skin head covering. The eyes are set with two small yellow brilliants. Raised on a black basalt base, unsigned. Height 9 1/2 in

\$800 - 1,200

4259

GROUP OF FIVE RUBY CRYSTALS

Vietnam

Of classic elongated crystal form, each with natural terminations. *Total weight approximately 33.43 carats. Length of longest crystal 2 cm.* (5)

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





RUBY PARROTS ON SPINEL AND PARGASITE BASE BY PETER MUELLER

Five carved ruby parrots grace this intricate carving. The spinel and pargasite on white marble has been carved away to resemble the branches of a tree. Raised on a rectangular black acrylic base. Height 22 in

\$20,000 - 30,000





4261 **PINK SAPPHIRE**

East Africa

Notable for its unenhanced color and slightly brownish pink hue this lovely pink sapphire, faceted as a cushion modified mixed cut has excellent luster and clarity. Weighing approximately 5.45 carats and measuring 10.17 x 8.45 x 6.71mm

\$8,000 - 10,000

Accompanied by an American Gemological Laboratories report numbered 1089951 and dated January 24, 2018 stating that the 5.45 carats pink sapphire is natural color and unenhanced by heat treatment.

4262

LARGE MONTANA SAPPHIRE

Missouri River, Montana

This is a large sapphire for the locality of Montana. A deep rich blue hue, the stone has been faceted as a circular-cut brilliant in keeping with this American gemstone classic. Weighing approximately 7.44 carats and measuring 11.04 x 7.4mm

\$8,000 - 10,000

4263

FANCY COLORED SAPPHIRE

Madagascar

Commonly known in the gem trade as "Padparadscha" due to the balance of hues of orange-pink, this modified oval brilliant-cut has a pleasing hue and excellent luster and is a fine ring-size stone. Weighing approximately 3.22 carats and measuring 8.7 x 7.8 x 6.25mm

\$6,000 - 8,000

Accompanied by a GRS Gem Research Swisslab report numbered 2014011816 dated February 5, 2014 stating that the Natural Orange-Pink Sapphire is a natural Padparadscha sapphire and that it originates from Madagascar.

4264

CARVED BLUE SAPPHIRE NECKLACE

Comprising three strands of fluted blue sapphire beads, graduating in size from 9.8mm to 4.5mm at the ends, weighing approximately 690 carats, completed with a 18K white gold clasp, set with brilliant-cut sapphires and a line of small diamonds, length 20in.

\$4,000 - 6,000

4265

BLUE SAPPHIRE

Sri Lanka

Unenhanced sapphires are scarce in the market. The present stone is a rich blue and has been faceted as a round mixed cut. It is a classic for the locality of Sri Lanka and particularly desirable as it is natural color has not had color enhancements. Weighing approximately 2.37 carats and measuring 7.14-7.05 x 6.09mm

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories report numbered 1089938 dated January 26, 2018 stating that the 2.37 carats blue sapphire originates from Sri Lanka and that it shows no evidence of heat or clarity treatments.

4266

MULTI-COLOR SAPPHIRE NECKLACE

East Africa

Of tassel design with four strands of microfaceted sapphire beads in shaded colors, with a tassel drop, weighing approximately 187 carats, with adjustable cord closure.

\$500 - 700

To be sold without reserve

4267

YELLOW SAPPHIRE

East Africa

Faceted as a circular, brilliant-cut stone, this attractive yellow sapphire displays both excellent luster and clarity. Weighing approximately 1.33 carats and measuring 6.48 x 4.39mm

\$400 - 600

To be sold without reserve

4268

RARE GREEN SAPPHIRE

Australia

This pretty stone is faceted as modified cushion mixed cut of slightly yellowish green and possesses an unenhanced color. Nonheated green sapphires such as this one are scarce. Weighing approximately 4.49 carats and measuring 9.62 x 8.74 x 6.30mm

\$800 - 1,200

Accompanied by an American Gemological Laboratories report number 1089941 dated January 26, 2018 stating that the 4.49 carats stone is natural corundum, green sapphire, that it originates from Australia and that it shows no gemological evidence of either heat or clarity enhancements.

4269

FINE YELLOW SAPPHIRE

Sri Lanka

This is a gem classic which has been faceted as a cushion modified mixed cut. The stone has both excellent luster and clarity. The pleasant yellow hue is unenhanced. Unheated yellow sapphires are rare in today's marketplace. Weighing approximately 8.68 carats and measuring 11.16 x 10.39 x 8.05mm

\$2,500 - 3,500

Accompanied by an American Gemological Laboratories report number 1089945 dated January 26, 2018 stating that the 8.68 carats yellow sapphire shows no evidence of heat or clarity enhancement.

4270

SAPPHIRE BEAD NECKLACE

East Africa

An entirely different palette of natural sapphires can be seen in this stylish two-strand necklace: golden, red, pink, rose, and grey combine to form autumnal hues, completed with an 18K yellow gold clasp. Weighing approximately 1020 carats. Length 17 1/2 in

\$1,200 - 1,500





4271

NEAR-COLORLESS WHITE SAPPHIRE

Sri Lanka

A fine, natural unenhanced, near-colorless white sapphire, faceted as a round modified brilliant cut exhibiting excellent clarity and luster. Weighing approximately 17.51 carats and measuring 16.61 x 9.58mm

\$15,000 - 20,000

4272

PAIR OF SAPPHIRE CABOCHONS

Ethiopia

Originating from a new, but limited locality this is a fine pair of royal blue sapphire drops fashioned as pear-shapes. Weighing approximately 7.96 and 7.58 carats.

Measuring 15.97 x 10.08 x 5.72 and 15.83 x 10.07 x 5.30mm. Total weight approximately 15.54 carats. (2)

\$12,000 - 15,000

Accompanied by an American Gemological Laboratories report 1089002 A and B dated December 12, 2017 stating that the two pear shaped cabochons weigh 7.96 and 7.58 carats and that they show no gemological evidence of heat treatment.



(actual size)



LARGE NATURAL PADPARADSCHA **SAPPHIRE**

Sri Lanka

The present oval cut stone with a pleasing shade of pink-orange which is natural and unenhanced and the correct balance of color between the pink and orange mixture. Weighing approximately 20.12 carats and measuring 16.96x 13.31 x 10.95mm

\$75,000 - 85,000

Accompanied by a Gemological Institute of America report number 5192134856 dated February 22, 2018 stating that the 20.12 carats stone is a natural Padparadscha sapphire, that it originates from Sri Lanka and that it shows no indications of heating.







4274 **BLUE SAPPHIRE**

Burma

Rich blue color is the distinguishing characteristic of this attractive sapphire of cushion-shape. Sapphires of over 5 carats are considered rare. Weighing approximately 7.44 carats and measuring 10.3 x 10.2 7.45mm

\$20,000 - 30,000

Accompanied by a Gemological Institute of America report #2185791664 dated October 11, 2017 stating that the cushion step cut blue sapphire of 7.44 carats originates from Burma and that it shows no indications of heating.

4275

GRADUATED COLOR SAPPHIRE BEAD NECKLACE

Comprising fourteen strands of micro-faceted beads graduating from 4mm to 2.5mm at the ends, weighing approximately 738 carats, completed with a high-karat yellow gold clasp with adjustable s-hook closure, length 19 1/2in

\$2,500 - 3,500

4276

UNUSUAL BI-COLOR SAPPHIRE

Pakistan (Kashmir)

Pakistan's Nangimali, Batakundi and Basil ruby and sapphire deposits in Azad Kashmir formed as a part of the collision between the Indian subcontinent and the Asian mainland. Fire specimens, such as this one, faceted as an oval blue-pink bi-color sapphire of intense color, are considered rare. Weighing approximately 2.13 carats and measuring 11.63 x 4.93 x 3.59mm

\$1,500 - 2,000

Accompanied by a Lotus Gemology report no 5372-6938 dated January 19, 2017 stating that the 2.13 carats stone is a bi-color sapphire which originates from Pakistan (Kashmir)and that it shows no indications of heating/treatment. This gem displays a most unusual bi-color effect. Bi-color rubies and sapphires are exceedingly rare.



4277

YELLOW SAPPHIRE BEAD NECKLACE

Composed of briolette-cut microfaceted yellow sapphire beads, weighing approximately 350 carats, interwoven in a rope twist design, completed with a clasp of 14K yellow gold, length 19in.

\$700 - 900 To be sold without reserve

4278

PURPLE SCAPOLITE

Tanzania

This oval modified brilliant-cut is a rare unenhanced purple gem having excellent luster and clarity and an amethysitine hue. Weighing approximately 12.66 carats and measuring 17.71 x 14.31 x 8.95mm

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories report number 1089956 dated January 24, 2018 stating that the purple scapolite is natural and that it shows no gemological evidence of enhancements. 4279

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 cushion-cut faceted scapolite has a clear yellow hue and excellent luster. Weighing approximately 9.11 carats and measuring 12.54 x 12.61 x 9.2mm

\$300 - 500 To be sold without reserve

4280

SCHEELITE

China

A bright orange hue and excellent faceting recommend this rare collector stone. A triangular-cut, the material is particularly clean for this species. Weighing approximately 11.97 carats and measuring 11.88 x 11.83 x 8.32mm

\$500 - 800







SEPTARIAN FREE-FORM SCULPTURE

Madagascar

A decorative table top, free-form sculpture that is reminiscent of the shape of a "flame" or spiral. *Measuring 10 1/2 x 4 1/2 x 4 in*

\$400 - 600 To be sold without reserve

4282

SERAPHINITE

Lake Baikal Region, Eastern Siberia Seraphinite, a "gemmy" variety of the mineral clinochore, comes from only one location northeast of Lake Baikal. Clinochore gets its name from the Greek words for "inclined" and "green", since its structure is monoclinic and its typical color is green. Seraphinite has silvery chatoyant fibers much like charoite and a pearly (silky) luster. It is often referred to as "angel stone" since it is said to help contact angels and communicate with them. First discovered only in the 1990s and entered onto the mineral market only very recently the mineral has quickly gained acceptance for its metaphysical and healing properties. However, the deposits of it which were found twenty years ago are no longer producing. The present specimen is a large free form contour polished specimen showing irridescent, chatoyant radiating sprays in cross section on the face. The reverse side is contour polished to reveal the botryiodal growth pattern. Measuring 12 x 6 x 4in

\$900 - 1,200

4283

SERPENTINE CARVING OF A GROUP OF TURTLES

China

Comprising a family of five turtles, carved from a single piece of bright, chartreuse colored serpentine, raised on a shaped plinth of black onyx. *Measuring 10 1/2 x 8 x 6 in*

\$1,500 - 2,000

SERPENTINE SCHOLAR'S ROCK ON WOODEN STAND

Taiwan

A contemplation stone with an excellent horizon line imitative of a mountainscape, this large serpentine boulder of rich green color, has been contour polished to reveal its tonal variations. Length overall with stand: 24 in. Height of specimen without stand 18 in.

\$3,000 - 5,000

4285

SERPENTINE BOWL

Carved in the traditional Chinese style, with everted rim and a small foot at the base. Showing good thinness of sides a transmission of light through the green serpentine. Diameter 8 in. Height 3in

\$400 - 600 To be sold without reserve

4286

SUPERB SIDERITE EPIMORPH AFTER CALCITE

Broken Hill Mine, North Cape Province, South Africa

An epimorph is a type of pseudomorph where one mineral replaces another mineral and the original mineral dissolves, leaving a hollow cast surrounded by the new mineral. The present specimen is an exemplary one, with an excellent horizon line, comprising five intergrown crystals. Rich tan Siderite completely replaced the scalenohedral Calcite crystals with their flat tips. The specimen is complete overall. *Measuring* $7 \times 3 1/2 \times 2 1/2in$

\$1,800 - 2,200













EXCEPTIONAL CRYSTALLIZED NATIVE SILVER

Western Australia

Characterized by its exquisite dendritic form this crystallized silver has a branch form that is perfection. with patina at the tips and a scintillating luster. Weighing approximately 15.4 grams and measuring 1 3/4 x 2 x 1 in (4.4 x 4.7 x 2.4cm)

\$2,000 - 3,000

4288

CRYSTALLIZED SILVER

Kearsarge, Michigan

A large spray of robust, dendritic crystals of silver with arborescent form and excellent patina. Silver specimens from this locality are rare. *Measuring 2 1/2 x 1 1/4 x 1 1/4in*

\$7,000 - 9,000

Provenance: Ex. Dr. Eurene Meieran Collection

Offered on a custom acrylic base labeled with the locality.

4289

NATIVE SILVER ON MATRIX

Ontario, Canada

A large cabinet-sized specimen having microcrystallization on both sides of the white quartz matrix. Weighing approximately 999.0 grams and measuring 7 1/2 x 3 1/2 x 2 in

\$2,000 - 3,000

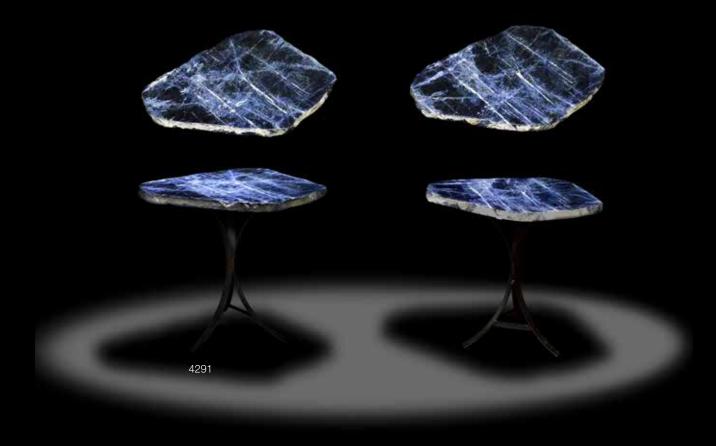
4290

CRYSTALLIZED NATIVE SILVER

New Nevada Mine, Batopilas, Chihuahua, Mexico

A lovely and aesthetic silver specimen with calcite accents from one of the more rugged portions of the Sierra Madre Mountains of Southwestern Chihuahua, Mexico. Barbs of native silver contrast beautifully with the white calcite. A superb display specimen for any mineral collection. This classic specimen from the early 1980s is called "herringbone" silver for obvious reasons. Measuring 6 x 2 x 2cm (2 1/4 x 3/4 x 3/4 in)

\$2,000 - 3,000



PAIR OF SODALITE TABLETOPS ON METAL STANDS

Brazil

These spectacular tabletops are near-consecutive cross-section slices of the same massive boulder of sodalite. Cutting such a boulder would have been a feat in and of itself. They are polished on one side and still retain the natural boulder edges. Weighing approximately 28.1 and 28.3 kilos. One table top measuring 29 x 20 x 1 3/4 in. Height overall 30 1/2in(4)

\$1,500 - 2,000

4292 W

PAIR OF SODALITE OBELISKS

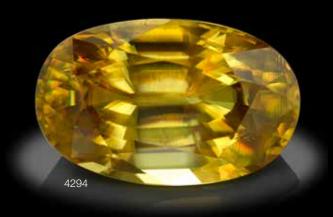
Brazil

Of traditional design, the fine decorative pair of obelisks are formed of sections of sodalite brought to a high polish. *Height 22 1/2 in*

\$1,500 - 2,000







LARGE SPHALERITE

Spain

A large cushion-shaped sphalerite of generous proportions, having a vivid orange color and excellent luster. Weighing approximately 64.0 carats and measuring 28.41 x 19.27 x 11.61mm

\$1,200 - 1,500

4294

LARGE HONEY-COLORED SPHENE

Madagascar

A fine oval-cut sphene of large size having a yellowish-brown body color and flashes of green, red and orange dispersion. Weighing approximately 18.65 carats and measuring 20.29 x 12.83 x 9.28mm

\$3,000 - 5,000



(actual size)



IMPRESSIVE SPHENE

Tanzania

A fine oval cushion-shaped sphene which displays characteristic full spectral dispersion, excellent clarity and luster. *Weighing approximately 24.07 carats and measuring 17.88 x 15.25 x 11.33mm*

\$15,000 - 20,000

Accompanied by a GRS GemResearch Swisslab report number GRS2016-102187 dated December 13, 2016 stating that the natural Sphene (Titanite) weighing 24.07 carats shows no indications of thermal treatment.











4296 SPINE

SPINEL CRYSTAL

Mogok, Burma

A mineral classic, this bi-pyramidal octahedron displays typical raspberry color with moderate to heavy inclusions. This is a textbook example of a spinel crystal and it assists in showing the specialness of some of the gem spinels which are sold here at Bonhams—a high clarity spinel is truly a rarity to be appreciated by the collector. Weighing approximatley 16.02 carats. Height 5/8in (1.57cm)

\$1,500 - 2,000

4297

ROSE PINK SPINEL

Rurm:

An oval-cut spinel of deep, rich rose pink hue displaying excellent clarity. Weighing approximately 6.71 carats and measuring 10.9 x 10.4 x 8.3mm

\$5,000 - 7,000

4298

PURPLISH RED SPINEL

Burma

Deep raspberry-rose with overtones of red, this attractive stone is characterized by both excellent clarity and luster. Weighing approximately 5.42 carats and measuring 12.24 x 9.45 x 5.87mm

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

Accompanied by an American Gemological Laboratories report numbered 1089958 dated January 24, 2018 stating that the 5.42 carats purplish red spinel shows no gemological evidence of enhancements or treatments.

4299

LARGE RED SPINEL

Rurma

An oval-cut stone having a slightly orangeyred color and good luster. Spinels above 2 carats are considered to be rare and this stone is more than double that weight. Weighing approximately 4.09 carats and measuring 11.15 x 8.0 x 5.75mm

\$2,500 - 3,500

4300

BLUE SPINEL

Burma

Rich blue, this oval-cut spinel is an excellent ring-size stone displaying excellent clarity and luster. Weighing approximately 5.03 carats and measuring 11.03 x 9.6 x 7.03mm

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



PINK SPINEL EARRING "LAYOUT"

Pamir Mountains, Afghanistan
Comprising a total of 36 stones, including
two oval-cut pink spinels, weighing 0.93 and
0.90 carats respectively, with a line of small
circular-cut spinels and two triangular-cut
spinels, each weighing approximately 0.83
carats. Total approximate weight 4.75 carats.

\$1,500 - 2,000

4302

SUITE OF PINK SPINELS

Pamir Mountains, Afghanistan
Obtained directly from the miner, this beautiful suite comprises twenty-three circular-cut spinels, total weight approximately 15.1 carats; together with a large pear-shape pink spinel, weighing approximately 3.63 carats and measuring 12.01 x 7.87 x 6.02mm. Total weight of all stones approximately 18.75 carats. (24)

\$7,000 - 9,000

4303

FINE ROSE PINK SPINEL

Pamir Mountains, Afghanistan
A rich, well-saturated rose pink hue, this fine lustrous spinel originates from the fabled mountains of Afghanistan and was obtained directly from the miner. Both its clarity and luster are excellent and its color is unmodified by brown hues. Weighing approximately 6.71 carats and measuring 11.30 x 9.18 x 7.18mm

\$8,000 - 10,000



(actual size)



EXCEPTIONAL SPINEL

Mogok, Burma

Deep red in hue and unmodified by any brown hues, the present spinel is a classic for the region with its excellent luster and clarity. Faceted as a rare octagonal-cut, this stone is sure to form the centerpiece of any serious collection of gemstones for its exceptional color, clarity and luster. Weighing approximately 4.26 carats and measuring 9.30 x 9.24 x 6.16mm

\$28,000 - 32,000

Accompanied by an American Gemological Laboratories gem brief numbered 1077958 dated August 29, 2016 stating that the 4.26 carats red spinel is natural and unenhanced.



(actual size)



SUPERB PAIR OF RED SPINELS

Burma

This exceptional pair of red spinels displays a medium-deep tone and vivid saturation of red color, unmasked by brown. They have been faceted as antique cushion cuts which lends them a "old mine" appearance but their optics, faceting, luster and clarity speak for themselves--this is a superlative pair of stones suitable for the knowledgable collector. Weighing 6.14 and 5.70 carats and measuring 10.55 x 9.02 x 7.87mm and 10.38 x 9.02 x 7.63mm

\$50,000 - 60,000

Accompanied by a Lotus Gemology Gold report no. 2753-5978 dated November 28, 2016 stating that the two stones, weighing 6.14 and 5.70 carats, are antique cushion cut vivid red spinels and that they show no indications of heating or treatment and that they originate from Burma.



VERY LARGE ROSE SPINEL

Tanzania

Distinguished by its exceptional size, this fine spinel displays a deep red rose hue as well as exceptional clarity and luster. It is worthy of consideration by the most serious collector. Weighing approximately 25.77 carats and measuring 18.85 x 15.28 x 11.30 mm

\$50,000 - 60,000



MAGNIFICENT SUITE OF FOURTEEN ROSE SPINELS

Burma

Comprising thirteen cushion-shaped deep rose spinels which are well-matched for color and clarity. Individual weights for the cushion-shaped stones are approximately as follows: 13.60 cts, 8.47 cts, 8.34 cts, 7.57 cts, 7.52 cts, 7.28 cts, 7.27 cts, 7.26 cts, 7.24 cts, 7.19 cts, 6.93 cts, 6.69 cts, 6.64 cts. The total combined weight: 102.0 cts.; together with a fine oval-cut spinel has both excellent clarity and luster. Spinels of over 10 carats in size are rare in today's market. Weighing approximately 10.0 carats and measuring 13.36 x 11.94 x 8.58mm (14)

\$90,000 - 110,000





4310

LARGE GROUP OF MULTI-COLOR SPINELS

Mogok, Burma
Exhibiting a range of color from orange, red, blue, lavender, grey, comprising circular and oval shapes, the largest weighing approximately 0.75 carats. Total weight approximately 36.5 carats (lot)

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

4309

GROUP OF SPINELS

Mogok, Burma

Comprising approximately 29 stones, in a range of colors including red, orange, pink blue, grey and lavender, the largest spinel weighing approximately 1.72 carats. *Total weight approximately 33.5 carats. (lot)*

\$2,000 - 3,000 To be sold without reserve 4310

TWO SPINELS

Burma

Including a circular-cut red spinel, weighing approximately 3.37 carats and measuring 9.3 x 5.52mmm; together with an oval-cut purplish-red spinel, weighing approximately 6.33 carats and measuring 10.48 x 9.81 x 7.75mm. (2)

\$700 - 900 To be sold without reserve

431

EXCEPTIONAL RED SPINEL NECKLACE

Burma

Comprising seven strands of top quality, gem spinel, graduating in size from 9.04 to 3.6mm, weighing a total of approximately 1000 carats, completed by a white gold and diamond set Art Deco style clasp pavé-set with brilliant-cut diamonds, length 21 inches.

\$30,000 - 40,000

4312

BLUE SPINEL

Burma

An attractive oval-cut spinel having classic blue color and good luster. Weighing approximately 1.69 carats and measuring 8.80 x 6.36 x 4.02mm

\$500 - 700 To be sold without reserve

4313

BURGUNDY-ROSE SPINEL

Burma

Suggesting an old mine locality and originally mounted in an antique European jewel, the present deep rose hued spinel has been faceted as a plump, pear-shape, ideally lending itself to being mounted as a pendant. Weighing 31.70 carats and measuring 20.21 x 16.71 x 9.42mm

\$25,000 - 35,000

Accompanied by a Gem and Pearl Laboratory Limited, 43 Kirby Street, London spinel report #08817 dated November 2, 2013 stating that the transparent purplish pink tapered rectangular cushion faceted mixed-cut spinel is natural and that it show no evidence of heat treatment.

4314

LAVENDER SPINEL

Sri Lanka

A fine oval-cut spinel of pastel lavender hue having excellent luster and clarity. Weighing approximately 7.32 carats and measuring 12.78 x 11.04 x 7.18mm

\$5,000 - 7,000

4315

PURPLE SPINEL

Africa

Of deep violet hue, this attractive oval-cut purple spinel is also notable for its luster and clarity. Weighing approximately 7.01 carats and measuring 12.0 x 11.0 x 7.5mm

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





KUNZITE

Brazil

A fine pear-shaped kunzite having a rich saturation of color in a hue of purplish-pink, with excellent clarity and luster. Kunzites of this color are considered to be the highest grade of this gemstone. Weighing approximately 43.98 carats and measuring 27.29 x 19.29 x 13.26mm

\$4,000 - 6,000

4317

CALIFORNIA SPODUMENE VAR. KUNZITE

Oceanview Mine, Pala District, San Diego County, California
A beautiful hot, lilac pink kunzite which is now increasingly difficult to
find. Faceted as an elongated cushion-shape, it displays excellent
luster. Weighing approximatley 69.74 carats and measuring 33.15 x
20.42 x 14.32mm

\$4,000 - 6,000

4318

LARGE AND EXCEPTIONAL KUNZITE

Brazil

Lilac pink in color, this fine kunzite, faceted as a cushion shape has both excellent transparency and luster. Kunzites which are both eye and loupe clean as very rare in the marketplace and this is an exceptionally fine one. Weighing approximately 97.37 carats and measuring 25.88 x 24.77 x 18.66 mm

\$9,000 - 12,000

4319

GREEN SPODUMENE

Brazi

The green variety of the mineral species spodumene is far more unusual than its counterpart of pink kunzite. The present oval-cut pretty pastel green spodumene has a pleasant color and is notable for its excellent luster and clarity. Weighing approximately 36.97 carats and measuring 25.35 x 15.31 x 12.92mm

\$1,000 - 1,500

4320

SPODUMENE VAR. KUNZITE

Brazil

A classic cushion-cut, this fine kunzite is characterized by its strong color saturation and excellent clarity and luster. *Weighing approximately 52.46 carats and measuring 26.73 x 18.72 x 12.90mm*

\$1,200 - 1,500

4321 W

SULPHUR ON ARAGONITE Sicily, Italy

A classic mineral specimen, with large sulphur crystals measuring up to 1 inch in length, dotted all over a matrix of associated drusy, glistening aragonite crystals. Such large plate-type specimens are no longer available in the marketplace. This one originates from an old Italian collection. *Measuring 17 x 12 x 3 1/2in*





4322

RARE TAAFEITE

Sri Lanka

Taaffeite was named after its discoverer Richard Taaffe (1898–1967) who found the first sample, a cut and polished gem, in 1945 in a jeweler's shop in Dublin, Ireland. As such, it is the only gemstone to have been initially identified from a faceted stone. Most pieces of the gem, prior to Taaffe, had been misidentified as spinel. For many years afterwards, it was known only in a few samples, and is still one of the rarest gemstone minerals in the world.

Faceted as a kite-shaped stone with exceptional cut and pleasing proportions, the present, very rare offering of a collector's gemstone displays a lovely lavender color. This rare collector's gemstone which is so infrequently seen in the marketplace, exhibits both excellent clarity and luster and is significantly larger than most ever seen in the marketplace. Weighing approximately 5.34 carats and measuring 14.62 x 9.86 x 6.60 mm

\$17,000 - 20,000





4323

GROUP OF FACETED TANZANITES

Tanzania

In shades of violet and blue, this lot of tanzanites is faceted as ovals, pear-shapes, marquise-shapes, cushion-shapes and one trillion. Total weight approximately 89.0 carats. The largest weighing approximately 1.8 carats. (lot)

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

4324

FINE TANZANITE

Tanzania

This extremely fine tanzanite displays a fine bluish-violet from the face and shows exceptional clarity and luster. *Weighing approximately 15.05 carats and measuring 14.23 x 13.91 x 9.98mm*

\$2,500 - 3,500



(actual size)



EXCEPTIONAL TANZANITE

Arusha, Tanzania

Perhaps one of the finest tanzanites to have been offered in the Natural History department, the present oval-cut exhibits a rich blue from the face as well as exceptional luster and clarity. Weighing approximately 36.08 carats and measuring 24.18 x 18.31 x 12.65mm

\$18,000 - 22,000





4327

4326 W

LARGE TIGER IRON RECTANGULAR SLAB

Western Australia

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 eye matrix," is the fascinating and beautiful product of these monumental geologic events. While the stone is billions of years old, only small specimens have been offered on the market until recently. 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 in the present example is of exceptional quality with dramatic contrasts between the hematite, red jasper and tiger's eye. Measuring 65in x 23in x 3/4in

\$6,000 - 8,000

4327 W

LARGE FREE-FORM TIGER IRON MATRIX SLAB

Western Australia

An elegant, free-form long slab of an ancient ornamental gemstone, sometimes called "tiger's eye matrix," which displays banding of hematite, red jasper and tiger's eye quartz. 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 present example is suitable for use as a wall hanging, sofa table or hall table. Measuring 80in x 24 1/4in x 3/4in

\$4,000 - 6,000







VIVID BLUE TOPAZ

Brazil

An oval-cut topaz which is distinguished by its stunning vivid blue color, excellent transparency and luster. Weighing approximately 23.28 carats and measuring 19.41 x 16.59 x 9.45mm

\$250 - 350 To be sold without reserve

4329

FINE IMPERIAL TOPAZ

Brazi

A modified brilliant-cut cushion shape of brownish pinkish orange with flashes of orangey-red. This is a fine example of an unenhanced topaz. Weighing 9.49 carats and measuring 15.62 x 10.75 x 6.31 mm

\$10,000 - 12,000

Accompanied by an American Gemological Laboratories report numbered 1089970 dated January 22, 2018 stating that the 9.49 carats brownish pinkish orange topaz shows no gemological evidence of enhancements or treatments.

4330

LARGE IMPERIAL PINK TOPAZ

Brazil

A cushion modified brilliant cut having a pure pink color, unmodified by any brown hues and also displaying excellent luster and clarity. Weighing approximately 16.13 carats and measuring 21.20 x 9.67 x 8.43mm

\$8,000 - 12,000

Accompanied by an American Gemological Laboratories report numbered 1089974 dated January 22, 2018 stating that the 16.13 carats stone is known as Imperial Pink topaz and that this color variety of topaz is commonly the result of a relatively low temperature heating process.



4331

FINE IMPERIAL TOPAZ

Brazil

This fine pear shaped stone possesses unenhanced color of reddish orangy pink hue earning the designation of "Imperial" topaz which so few stones in the marketplace actually merit. Both the clarity and luster are exceptional. This is a fine gemstone for the knowledgeable collector. Weighing approximately 7.68 carats and measuring 17.54 x 8.32 x 6.78mm

\$10,000 - 15,000

Accompanied by an American Gemological Laboratories report number 1089973 dated January 22, 2018 stating that the 7.68 carats topaz shows no gemological evidence of heat or any clarity enhancements.





TOPAZ WITH HEMATITE NEEDLE INCLUSIONS

Brazil

Faceted as a fancy-cut pear-shape stone, the crown of the stone faceted with bar facets and the pavilion with lozenge-shaped checkerboard facets which best reveal the fascinating hematite inclusions. Weighing approximately 63.66 carats and measuring 29.74 x 20.45 x 17.19mm

\$800 - 1,200

4334

BLUE TOPAZ AND CULTURED PEARL NECKLACE

Consisting of five strands of faceted blue topaz briolette-cut beads, weighing approximately 1155 carats, alternating with small white cultured pearls. Length 14 1/2 in

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

4335

LARGE BLUE TOPAZ

Brazil

A deep, well-saturated blue color characterizes this fine cushion shape topaz. The polish, luster and clarity are all excellent attributes as well as its large size. Weighing approximately 75.69 carats and measuring 25.50 x 25.44 x 16.43mm

\$1,500 - 2,000

4336

VIVID BLUE TOPAZ

Brazil

A large, marquise-shaped checkerboardcut topaz, having a vivid blue color and exceptional clarity and luster. Weighing apprxoimately 64.95 carats and measuring 30.81 x 20.12 x 16.45mm

\$1,500 - 2,000

4337

BLUE TOPAZ

Brazil

An oval cut topaz which displays a rich blue color known in the trade as "London blue". Weighing approximately 24.97 carats and measuring 20.14 x 15.14 x 10.92mm

\$250 - 350 To be sold without reserve

4338

IMPERIAL TOPAZ

Brazil

A cushion-shaped modified brilliant cut of slightly brownish orange hue having excellent clarity and luster. Weighing approximately 43.36 carats and measuring 18.81 x 18.72 x 13.19mm

\$5,000 - 7,000

Accompanied by an American Gemological Laboratories report numbered 1089967 dated January 22, 2018 stating that the 43.31 carats topaz is natural. This color variety of topaz may be the result of an irradiation process.

4339

BLUE TOPAZ

Brazil

A fine, emerald-cut topaz have a color which is called "London" blue, with a rich saturation of color as well as having excellent clarity and luster. Weighing approximately 40.84 carats and measuring 22.68 x 17.57 x 13.44mm

\$700 - 900 To be sold without reserve

IMPORTANT BI-COLOR TOPAZ ON CLEAVELANDITE

Volodarsk-Volynskii, Ukraine Mined circa 2000,

This large display specimen, is a fine combination piece and is an excellent example of its type for this locality. Having over one dozen bi-color pinkish-brown and blue topaz crystals many of which are doubly-terminated, their faces showing complex outer surfaces the result of post-crystallization dissolution. This is an important specimen worthy of consideration by the most serious collector. *Measuring 12 x 8 x 4 in*

\$18,000 - 25,000

Offered on a custom-fitted acrylic base.















4340

HOT PINK TOURMALINE

Brazi

A fine, hot pink tourmaline faceted as a circular-cut which exhibits excellent luster and clarity. Weighing approximately 12.69 carats and measuring 14.9 x 10.2 mm

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

4341

FINE GREEN TOURMALINE

San Rosa Mine, Minas Gerais, Brazil

With its typically striated sides and a well-formed termination, this classic specimen displays fine color, which graduates from blue at the top to green at the base, and also has good transparency to recommend it. *Measuring 3 1/4 x 1 1/2 x 3/4 in*

\$5,000 - 7,000

4342

PINK TOURMALINE AND KUNZITE CRYSTAL SPECIMEN

Mawi Mine, North West Nuristan Province, Afghanistan Discovered approximately 18 years ago in a mine which is notable for producing some of the finest quality tourmaline and kunzite specimens in this region. The specimens from this mine are memorable for their fine saturation of color, exceptionally large size and fine luster. This mine no longer produces such large sized specimens and, therefore, the present specimen is a remarkable example of the best specimens retrieved from this mine. For size and color, it is currently the largest pink tourmaline specimen available for purchase to our knowledge. A combination piece, there are several naturally terminated kunzites adhered to the reverse side of the primary crystal, as well as a quartz crystal, bladed cleavelandite, white feldspar and puple lepidolite. The large termination is naturally healed and the numerous secondary or smaller tourmaline crystals are well-terminated and lustrous. This is an exceptionally showy and impressive specimen which is worthy of consideration by the most serious mineral collector. Weighing approximatley 22 lbs. Measuring 10 1/2 x 6 x 5 1/2in. (28 x 14 cm). Height overall with stand: 14 inches

\$150,000 - 180,000

Offered with a custom-fitted bronze base hand-crafted by Jim Wickard.





FINE RUBELLITE TOURMALINE

Nigeria

Hot pinkish red in hue, this fine large cushion shape tourmaline would bear the designation of rubellite in the gem trade. With excellent luster. Weighing approximately 54.78 carats and measuring 25.97 x 21.23 x 14.85mm

\$30,000 - 35,000

4344

CALIFORNIA GREEN TOURMALINE

Himalaya Mine, San Diego County, California
This is a fine oval-cut, bright and pleasant leaf green tourmaline having uncharacteristically good clarity and luster for the species and this particular locality. Weighing approximately 27.37 carats and measuring 20.14 x 18.23 x 11.89mm

\$4,000 - 5,000





EXCEPTIONAL MINT TOURMALINE

Democratic Republic of Congo

From a new but limited deposit, this is a world-class mint tourmaline which has everything to commend it and nothing to apologize for. Large in size, the simple faceting style of the emerald cut suggests the confidence of the lapidary in the quality of his material: gem tourmaline which has a unique mint color and which is both eye and loupe clean: an unheard of characteristic for the species. This is a beautiful stone for the knowledgeable collector. Weighing approximately 46.29 carats and measuring 25.08 x 18.99 x 12.86mm

\$18,000 - 22,000

4346

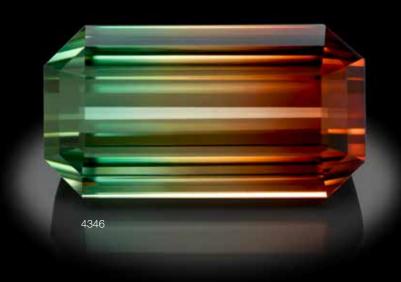
EXCEPTIONAL MULTI-COLOR TOURMALINE--"A MEMBER OF THE 100 CARATS CLUB"

Mozambique

This is a world-class tourmaline that would have come from an exceptional crystal. Graduating in color from deep orange at one end to peach in the center and bottle green at the other end. The clarity is eye clean and exceptional as is the luster.

Weighing approximatley 112.71 carats and measuring 35.80 x 19.41 \times 16.87mm

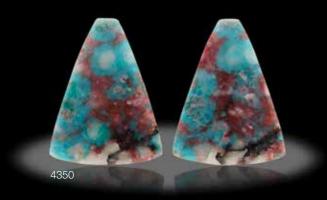
\$60,000 - 80,000











LARGE "PARAIBA-TYPE" TOURMALINE

4351

Mozambique

There is much to recommend this fine stone, well-saturated color of rich swimming pool blue, with exceptional luster and clarity. Weighing approximately 65.08 carats and measuring 28.58 x 23.02 x 15.42mm

\$20,000 - 30,000

4340

THREE PARAIBA-TYPE TOURMALINES

Mozambique

Suitable for setting as a three-stone ring, each sea blue tourmaline faceted as an oval-cut. The largest, *weighing approximately 4.58 carats and measuring 12.67 x 9.33 x 6.21mm*; the other two weighing 1.01 carats and 0.99 carats. (3)

\$1,500 - 2,000

4350

PAIR OF PARAIBA TOURMALINE CABOCHONS

Braz

Of triangular outline, each of sufficient thinness to allow for the transmission of light. Suitable for mounting as earrings or two pendants. With vivid blue tourmaline visible in each slice. Polished on both sides. Weighing 32.07 carats and 29.19 carats. Total weight 61.26 carats. Measuring 39.13 x 30.15 x 3.71mm (2)

\$2,500 - 3,500

4351

PAIR OF PARAIBA TOURMALINE CABOCHONS

Braz

Two pear-shaped drops having very good translucency and vivid blue color. Total weight approximately 45.25 carats and measuring 32.40 \times 22.07 \times 4.27mm

\$1,800 - 2,200

4347

LARGE "PARAIBA-TYPE" TOURMALINE

Mozambique

A beautiful cushion-shape tourmaline of vivid, intense green color having a high clarity and luster. Weighing approximately 12.08 carats and measuring 15.30 x 12.74 x 8.97 mm

\$25,000 - 30,000

Accompanied by a Gemological Institute of America report number 6117491012 dated December 17, 2009 stating that the green tourmaline of 12.08 carats is a copper and manganese bearing tourmaline which may be called "paraiba tourmaline" in the trade. The name "paraiba" comes from the Brazilian locality where this gem was first mined, however today it may come from several localities.



4352

SUITE OF FOUR CALIFORNIA PINK TOURMALINES

Himalaya Mine, Mesa Grande, California En suite with the previous lot, comprising two square cabochons and two pear-shaped drops, the largest stone, weighing approximately 21.75 carats and measuring 23.94 x 14.8 x 8.31mm. Total weight approximately 75.0 carats (4)

\$5,000 - 7,000

4353

SUITE OF EIGHTEEN CALIFORNIA PINK TOURMALINES

Himalaya Mine, Mesa Grande, California

High-graded from the miner's personal collection this stunning suite would have taken years to form. Particularly notable for the high degree of clarity which they possess the suite comprises twelve oval cabochon pink tourmalines, five circular cabochon pink tourmalines and one pear-shaped pink tourmaline suitable for mounting as a necklace. The pear-shaped stone, weighing approximately 24.92 carats. Total approximate weight: 268.0 carats. (18)

\$18,000 - 22,000





RUBELLITE TOURMALINE PARROTS ON QUARTZ BASE

By Peter Muller

Brazil

Each parrot carved of rich red rubellite tourmaline, which has particularly good transparency to the tails, with inset pink tourmaline beaks and cabochon eyes. The gold vermeil feet sit perched atop a twinned quartz crystal having drusy overgrowth and clusters of crystals adhered to the side. *Height 10 1/2 in*

\$4,000 - 6,000

4355

LARGE RUBELLITE

Brazi

This fine rubellite is faceted as an unusual octagonal-cut. The color is a rich saturation of reddish pink, having excellent clarity and luster. Weighing approximately 30.77 carats and measuring 19.63 x 19.61 x 13.15mm

\$2,500 - 3,500

4356

GREEN TOURMALINE

Brazi

Fashioned as an emerald-cut, the simple faceting style of this green tourmaline reveals the high degree of transparency. The luster of the stone is excellent. Weighing approximately 17.09 carats and measuring 18.34 x 12.61 x 7.32mm

\$1,800 - 2,500







FANCY-CUT HOT PINK TOURMALINE

This fancy circular-cut, possesses a rose-cut crown and Portuguesecut pavilion, which provided added scintillation to the stone. The color is a hot pink and both the clarity and luster are excellent. Weighing approximately 14.79 carats and measuring 14.57 x 11.71mm

\$1,500 - 2,000

4358

MULTI-COLOR TOURMALINE HUMMINGBIRDS

Two hummingbirds, the bodies of each carved from deep pinkish red rubellite, the outstrected wings carved of bi-color pink-green tourmaline, with carnelian agate beaks and cabochon rubellite tourmaline eyes. Both birds are perched on a pink tourmaline and lepidolite base, raised on a rock crystal quartz base. Measuring 6 3/4 x 3 1/2 x 3 in

\$2,000 - 3,000

4359

FINE CHROME TOURMALINE

This highly attractive, well-saturated green oval-cut tourmaline has a bright hue unmodified by yellow. Both the clarity and luster are excellent. Weighing approximately 12.03 carats and measuring 14.92 x 13.30 x 9.82mm

\$3,000 - 5,000

Accompanied by an American Gemological Laboratories report number 1089965 dated January 26, 2018 stating that the 12.03 carats tourmaline is of the chrome variety and that the color of this stone is due to a combination of chromium and vanadium and that there is no gemological evidence of enhancements/treatments present.







HOT PINK TOURMALINE

Brazil

A classic Portugeuse circular-cut tourmaline, this is an attractive stone with excellent luster and clarity to recommend it. Weighing approximately 22.25 carats and measuring 16.85 x 12.46mm

\$1,500 - 2,000

4361

YELLOW TOURMALINE

Mozambique

Faceted into a square cushion modified brilliant cut, this brown-yellow tourmaline has a natural and unenhanced color and displays excellent clarity and luster. Yellow tourmalines are very scarce in the marketplace and this is a particularly fine example. Weighing approximately 31.13 carats and measuring 19.17 x 19.11 x 13.15 mm

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories report number 1089960 dated January 26, 2018 stating that the brown yellow tourmaline show no gemological evidence of enhancements/ treatments.

4362

PINK TOURMALINE

An oval-cut stone having a rich, deep orangy-pink hue and very good clarity. Weighing approximately 12.26 carats and measuring 16.0 x 12.0 x 9.0mm

\$300 - 500 To be sold without reserve 4363

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

\$600 - 800

4364

PAIR OF WATERMELON TOURMALINE EARPENDANTS

Afghanistan

Each earpendant consisting of approximately 20 slices of vivid, hot pink and green tourmaline slices each with edges of green encircling a core of fuschia pink, polished on both sides and still maintaining some of the striated edges of the original crystal. Topped with 14K yellow gold earwires, *length overall 3 1/2 in*

\$1,000 - 1,500

4365

ORANGEY-RED TOURMALINE

Nigeria

This attractive, circular-cut mixed cut, displays a rich orangey-red color as well as excellent luster. Weighing approximately 15.85 carats and measuring 16.18 x 10.82mm

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

4366

HOT PINK TOURMALINE

Brazil

A circular modified mixed cut this attractive tourmaline displays a hot pink hue as well as excellent clarity and luster. Weighing approximately 8.63 carats and measuring 12.83 x 8.88mm

\$800 - 1,200

To be sold without reserve

4367

TWO BI-COLOR CARVED TOURMALINE BEADS

Brazil

Each pink at the top, graduating to green at the bottom, both suitable for suspending as pendants, each drilled longitudinally. Carved in the traditional Mughal style with floral and foliate motifs to all sides. The larger piece of triangular outline, with a rounded face, height 37.4mm; the smaller bead, domed on the top and carved to the flat face on the reverse, height 37.49mm. The two beads together weighing approximately 159 carats (31.9grams) (2)

\$2,500 - 4,500

4368

CALIFORNIA BI-COLOR TOURMALINE

Himalaya Mine, San Diego County, California

This large emerald-cut tourmaline exhibits the rich color saturation for which stones from this mine are known: a robust strawberry pink on one side and a deep bottle green to the other, with approximately a 45/55% demarcation line between the two sections. *Weighing approximately 61.5 carats and measuring 24.77 x 19.38 x 14.00mm*

\$4,000 - 6,000

4369

CALIFORNIA BI-COLOR TOURMALINE

Himalaya Mine, San Diego County, California
An emerald-cut with a high degree of clarity for the species with
a delicate graduation of color from pink to bottle green. Weighing
approximately 66.05 carats and measuring 21.92 x 21.90 x 15.09mm

\$4,000 - 5,000











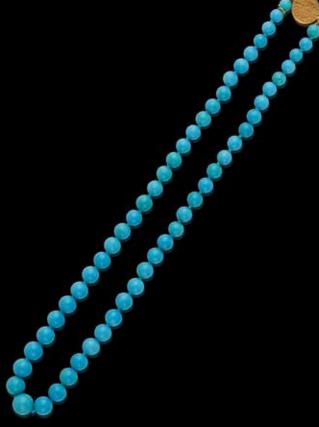














4370

LARGE TURQUOISE NUGGET

China

With exceptional veining and natural color variations due to mineralization, this is a large specimen of turquoise and one that is typical for the locality of China.

Weighing approximately 4.4 lbs (2.0 kilos) and measuring 8 x 7 x 3 1/2 in

\$2,000 - 3,000

Offered on a custom-fitted metal stand.

4371

TURQUOISE BEAD NECKLACE

A single-strand necklace composed of 57 spherical turquoise beads, graduating in size from 11.97mm to 6.7 mm with a total combined weight of 204.3 carats, completed with a Persian gold coin clasp. Length 20 1/2 in

\$3,000 - 5,000

4372

TURQUOISE CARVING OF A CRANE

The body of the crane carved of turquoise, with smoky quartz beak. The legs of gold vermeil resting upon a base of pyrite in matrix. *Height 12in*

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



LARGE VANADINITE SPECIMEN

Mbladin, Morocco

This large display specimen, combines a generous sprinkling of vanadinite crystals scattered entirely over a matrix of bladed white barite crystals. The vanadinite crystals are bright reddish brown and lustrous creating a scintillating effect. Measuring 13 x 8 1/2 x 3in

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

4374

VANADINITE

Mbladen, Morocco

A small cabinet specimen, with lustrous hexagonal red crystals, the entire specimen is capable of standing on its own. Having a rare arborescent string of crystals at the top. Measuring 3 1/4 x 2 1/2 x 2 1/4in

\$700 - 900





4375



4377



4379



4381



4383



4376



4378



4380



4382



4384

BLUE ZIRCON

Cambodia

Faceted in an usual style as an emerald-cut with scissors-cut side facets, this pretty blue zircon demonstrates exceptional clarity and luster. Weighing 12.64 carats and measuring 17.2 x 10.8 x 4.6mm

\$1,500 - 2,000

4376

COGNAC RED ZIRCON

Cambodia

Of large size for the species, this brownishred, oval-cut zircon shows excellent dispersion. Weighing approximately 19.53 carats and measuring 17.5 x 13.0mm

\$1,500 - 2,500

4377

YELLOW ZIRCON

Cambodia

Illustrating another hue in which zircon is available, the present stone has good luster. Weighing approximately 8.78 carats and measuring 11.34 x 10.09 x 8.55mm

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

4378

BLUE ZIRCON

Cambodia

Vivid blue in color, this is an exemplary blue zircon, possessing excellent dispersion. Both the luster and clarity are excellent. Weighing approximately 18.54 carats and measuring 13.69 x 11.41 x 10.81mm

\$6,000 - 8,000

4379

ORANGE ZIRCON

Cambodia

Bright brownish-orange in hue, this oval cut stone illustrates the range of colors in which zircon can be found. Weighing approximately 3.89 carats and measuring 10.5 x 7.89 x 4.7mm

\$500 - 700 To be sold without reserve

4380

FINE BLUE ZIRCON

Cambodia

A fine blue zircon, faceted as an oval mixedcut with beautiful dispersion Weighing approximately 11.85 carats and measuring 13.3 x 11.7 x 7.46mm

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

438

LARGE BLUE ZIRCON

Cambodia

This is a fine, large blue zircon which possesses both excellent clarity and luster. It is a bright "open" stone without the darkness or "extinction" exhibited by most blue zircons. Weighing approximately 18.07 carats and measuring 17.08 x 13.73 x 6.78mm

\$2,000 - 3,000

4382

BLUE ZIRCON

Cambodia

This cushion-shaped stone displays the rich, deep blue color and excellent dispersion for which this gemstone has become so popular. Weighing approximately 12.83 carats and measuring 12.31 x 9.56 x 9.48mm

\$2,000 - 3,000

4383

FINE BLUE ZIRCON

Cambodia

This cushion-cut zircon is a classic for the region. It displays a deep rich blue color and excellent dispersion. Weighing approximately 12.45 carats and measuring 11.20 x 10.86 x 9.6mm

\$2,000 - 3,000

4384

NEAR-COLORLESS ZIRCON

Cambodia

One can easily understand which natural zircon has for a long time been used as a simulant for diamonds: their natural scintilation is high as is their dispersion. The present stone is eye-clean and lustrous and has a checkerboard faceted crown and pavilion. Weighing approximately 9.0 carats and measuring 12.2 x 9.30 x 6.7mm

\$400 - 600 To be sold without reserve

Accompanied by an American Gemological Laboratories Zircon Brief numbered 1089959 dated January 23, 2018 stating that the zircon is near-colorless and that the color of zircon may be the result of a relatively low temperature heating process and that the color stability is excellent.

LIMITED EDITION SET OF 12 SILVER-PLATED COMMEMORATIVE COINS WITH MINERALS

Designed by Alex Shagin Poland

Obtained directly from the designer/patent holder, this commemorative set of coins is one of only 500 which were minted. Designed by the famous medallic sculptor. Alex Shagin, this series was offered on national TV in Poland, as well as having been presented to the President of Poland. There is a set which is housed in the National Museum of Poland. Each inscribed "Skarby Polsky", the twelve silver-plated coins, measuring 50mm in diameter, are engraved with the name of a different mineral native to Poland including: topaz, amber, coal, silver, gold, meteorite, ruby, etc., and house small natural samples of each in an inset window. The feature of having an inset window in a coin with moving crystals inside is a patented technology. (12)

\$2,500 - 3,500

Offered in a fitted wooden presentation box.

Alex Shagin

Born near St. Petersburg in 1947, Shagin graduated from the Vera Mukhina School of Arts and Design in 1972. He designed commemorative coins and medallions for the St. Petersburg Mint including subjects of Peter the Great, Michelangelo, The Apollo-Soyuz and the Moscow Olympics. After emigrating to the United States in 1980, he has worked as a freelance medallic artist in Southern California. His works are featured in museums and private collections around the world including the Hermitage, the Smithsonian, the Armand Hammer Museum and the British Museum.

4386

GROUP OF FOUR MINERALS

World Localities

Including a Chinese stibnite, *height 3 3/4 in*; two Moroccan vanadinites, *lengths 2 1/2* and 3 in; and a chatoyant malachite from the Democratic Republic of Congo, *length 5 x 4 x 3in* (4)

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

4387

THREE MINERAL SPECIMENS ON STANDS

Two druzy quartz clusters, *length of largest 7 inches*, together with a selenite, *Mexico*, *height 8 in*, each on raised removable stands. (3)

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















4388 W

MONUMENTAL MOSAIC VASE

Of immense proportions, this elegant vase designed in the classical form with tapered sides and fluted body, was fabricated in the Phillippines of stained coconut shells set in a mosaic of triangular geometric shapes, lacquered with a mirror bright polish. *Height* 37 in

\$1,500 - 2,500 To be sold without reserve 4389

PAIR OF MOSAIC BOXES

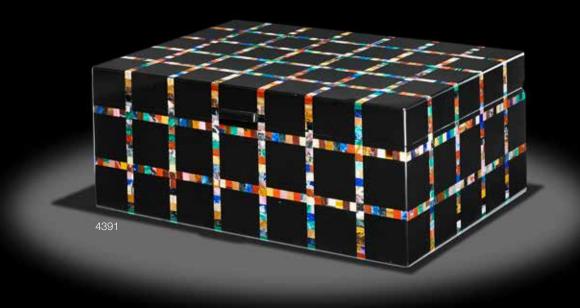
Fabricated in the Phillippines of stained coconut shells set in a mosaic of triangular geometric shapes, lacquered with a mirror bright polish. Each with a hinged lid which is domed, opening to reveal a wood lined interior. Raised on four ball feet. *Measuring 12 1/2 x 6 1/2 x 7 1/2 in (2)*

\$1,200 - 1,500 To be sold without reserve 4390

HARDSTONE JEWELRY BOX

Consisting of a mosaic of rectangular panels of a richly patterned hard stone, nicely dovetailed at the corners, the hinged lid opening to reveal a black fabric lined interior with removable jewelry tray. *Measuring 10 1/2 x 7 1/4 x 4 1/2in*

\$900 - 1,200 To be sold without reserve







LARGE AND IMPRESSIVE HARDSTONE INTARSIA BOX

This decorative box consists of a patchwork of colors, inlaid in black onyx, a specimen box consisting of square samples of a variety of minerals including red jasper, yellow jasper, rhodonite, malachite hematite, lapis, carnelian, etc. The lid with piano hinge opening to reveal a black onyx lined interior. Measuring 9 1/2 x 6 3/4 x 3 3/4in

\$2,500 - 3,500

4392

GROUP OF FIFTY VINTAGE BANDED AGATE SPHERES IN STAINLESS STEEL BOWL

Idar-Oberstein, Germany

Comprising fifty hand-crafted spheres of various hues of banded agate including black, brown, grey, carnelian and blue (a traditional enhancement from Idar-Oberstein). Offered in a stainless steel bowl signed by the Italian manufacturer Alessi, diameter of spheres: 1 1/2 in, diameter of bowl: 13 in. (51)

\$1,500 - 2,000

4393

MULTI-GEMSTONE INTARSIA BOX

Made in Florence, Italy

Giving the illusion of being a gemstone "Rubil's cube", the present box is fabricated of black onyx and inlaid with yellow jasper lines, and circular pattern of different minerals such as: lapis lazuli, red jasper, rhodochrosite, malachite, rhodonite, tiper's eye quartz and banded agate. The hinged lid opens to reveal a black onyx lined interior. *Measuring 3 3/4 x 3 3/4 x 3 3/4 x 1*

\$1,500 - 2,000











GROUP OF SEVEN BOXES

Each fabricated in Russia, including a charoite box, of parallelogram outline, length 5in; a moss agate box from Kazakhstan of triangular outline, a rectangular simbircite box, Volga River region, Russia; two red jasper boxes and a nephrite box. (7)

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

GROUP OF FIVE SPHERES

Including a leopard jasper sphere from Madagascar; two agate spheres, Morocco; a chrysocolla sphere, Peru, and an aragonite sphere, diameter 4 1/2 in (5)

\$600 - 800 To be sold without reserve

4396

HARDSTONE FISH BOWL

A large decorative bowl of typical form which has been utilized by the Chinese as gold fish bowls for centuries. Having some translucency in the lighter areas. With incised floral decoration to the exterior, and lotus motif decoration to the interior. Diameter 16 1/2in

\$900 - 1,200 To be sold without reserve

MALACHITE AND MULTI-GEM INTARSIA TABLETOP--"DEATH OR GLORY"

Created by a lapidary artist in Afghanistan, the circular tabletop features, floral and skull decoration with a dagger implying Death "Or Glory" composed of inlaid sections of indiginous Afghani lapis, nephrite, white marble, yellow and brown jasper. Diameter 24 1/2 in

\$1,500 - 2,000

NATURAL HISTORY

Lots 4398-4473

Additional images of all group lots are available on the website.













ZOOLOGY AND ANTHROPOLOGY

4398

GROUP OF FOUR ARTISTIC BUTTERFLY PRESENTATIONS

Order: Lepidoptera

Morpho didius, Heraclides thoas, Phoebis philea.

Pereute charops, Asterope leprieuri, Fountainea ryphea,

Aphrissa statira, Marpesia corinna, Metamorpha elissa,

Napeocles jucunda, Tythorea harmonia, Urania,

Doxocopa lalurentia, Heraclides garleppi, Memphis glauce,

Eurema salome, Paulogramma pyracmon, Polygrapha cyanea, Heloconius wallacei, Pereute callinira, Urania leilus, Fountainea glyceria, Marpesia Marcella, Heliconius erato, Anteos clorinde, Pyristia nise, Neographium leucasspis, Caligo illoneus, Pterourus zagreus, Anteos menippe, Papilionidae Modern Peru

Four frames of butterflies comprising a total of 99 butterflies make a delightfully decorative group. Artfully arranged to suggest the colorful creatures in flight, each presentation includes a spectacular variety of specimens. Over 180,000 species have been described within the order Lepidoptera, which includes

both butterflies and moths. The name Lepidoptera is derived from the Greek, meaning *scaly winged*.

Two large frames each measuring 20 \times 13in; Two small frames each measuring 16 \times 25in

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

1300

CAST REPLICA OF THE PARTIAL SKULL OF A HOMINID FOUND BY MARY I FAKEY

Plaster replica of mammal primate Hominoidea hominidae, Paranthropus boisei (Leakey) Zinjanthropus boisei Early to mid Pleistocene about 1.5 million years ago

Olduvai Gorge, Tanzania

Collected by Mary Leakey, 1959

Ref: Tanzania National Museum Collect

Ref:. Tanzania National Museum Collection No. OH5

From the 1930s until 1959, Louis and Mary Leakey excavated at Olduvai Gorge. They found an abundance of stone tools over the years but the first evidence of the hominid who may have made them was only found on July 17, 1959. Careful excavation revealed most of a skull of a robust australopithecine.

The cranium had been broken into hundreds of pieces requiring patient assembly to recreate the skull. It had contained a brain slightly more than a third the size of a modern human brain (530 cc compared with 1400cc). This creature was similar to the South African Australopithecus rubustus but was even bigger. He was named Zinjanthropus boisei, "East African man", but is now more properly called Australopitecus boisei. Living primarily on roots and nuts, males averaged 5 ft 4 inches in height and 108 pounds while females averaged 4 ft 1 inch in height and 75 pounds. They were noted for their specialized skull adapted for chewing; note the strong sagittal crest anchoring the large chewing muscles (temporalis muscles). Length 8 1/2 x 6 1/2 x 5 1/2 in

\$700 - 900 To be sold without reserve

4400

COLLECTION OF EIGHT TAXIDERMY BATS

Taphosous melanopogon, Rousettus leschenaultii.

Pipistrellus javanicus, Scotophilus kublii Kerivolia picta, Rhinolophus Lepidus Hycteris javanica, Otomops formosus Modern Worldwide localities

Bats are the only mammals capable of true and sustained flight. With forelimbs adapted as wings, their very long, spread-out digits are covered with a thin membrane, or patagium. Offered is a collection of eight fascinating taxidermy bats of varying species. Each is exhibited in a black frame. Frames measuring 20 ½ x 12 ½ in, 18 x 21 ¾, 10 ¾ x 12, 9 x 12 ½, 10 x 11, and 6 ½ x 10 ½ respectively

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



RECONSTRUCTED ELEPHANT BIRD EGG

Aepyornis maximus Southern Madagascar <u>Pre-1</u>7th 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. Height 12in. Diameter 28 1/2 in

\$3,000 - 4,000

1100

FRENCH SANDSTONE CONCRETION -- "GOGOTTE"

Oligocene 30 million years old Fontainebleau, France

A *gogotte* is a millions-of-years old naturally shaped mineral rarity consisting of tiny quartz fragments held together by calcium carbonate. A mineralogical work of art indeed, each *gogotte* has a unique and otherworldly shape, which open each imagination to infinite interpretations.

Fontainebleau's sand is famous for its flawlessness and delicacy since the 17th century, and gives to the *gogotte* its porcelain appearance.

Gogotte concretions can be found in natural history museums around the world. A particularly well-preserved example of a sandstone concretion is on display at the Smithsonian Institution National Museum of Natural History in Washington D.C. *Measuring* 16 x 11 x 6 in

\$3,000 - 5,000







GRAPE CHALCEDONY ON NATURAL WOODEN STAND

Sulawesi, Indonesia

Grape chalcedony is a druzy-type microcrystalline quartz displaying numerous distinctively rounded shapes, giving it the appearance of a profusion of grapes or berries. Subtly sparkling, the present beautiful specimen sits atop a natural wooden display stand. *Measuring 10 ½ x 9 x 4in*

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

4404 W

PAIR OF GRACEFUL AMETHYST GEODE HALVES

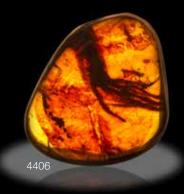
Brazil

Equally covetable as display specimens for a mineral collection or as decorative *jewelry* for interior design use, these amethyst geode halves boast the large, deep purple crystals for which the finest amethyst from Brazil is known. As an added attraction, attractive bands of agate are seen on the cut and polished edges of these fine specimens. Heights measuring 44in and 42 1/2in, respectively (2)

\$6,000 - 8,000







(DINOSAUR?) FEATHER IN 100-MILLION-YEAR-OLD-AMBER

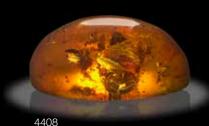
Indeterminate species

Cretaceous

Hukawng Valley, Myanmar (Burma) Most amber is too young to contain dinosaur feathers, but Burmite (the 100-million-yearold amber found in the Hukawng Valley in Northern Burma (Myanmar) is from the Age of Dinosaurs. The present fascinating feather specimen, embedded in amber, is a primitive type of symmetric feather without barbules, indicating that it was not a flight feather. Though both birds and dinosaurs possessed feathers at this time, there were many more feathered dinosaurs than birds, suggesting that this specimen could well be from a dinosaur. Representing a captivating mystery, this feather has not yet been identified. Presented in a Riker mount with an enlarged

photo of the feather. Feather measuring 12

millimeters; cabochon measuring 17 x 11



\$3,000 - 4,000

millimeters

4406

LIZARD FOOT AND LEG IN 100-MILLION-YEAR-OLD BURMITE AMBER

Indeterminate species

Cretaceous

Hukawng Valley, Myanmar (formerly Burma) One of the most rare and desirable of creatures in amber is the lizard. Most animals, including lizards, are too large to be trapped in the small amounts of tree resin that fell to the ground 100 million years ago in the Hukawng Valley of Myanmar. This remarkable lizard foot and leg specimen is encased in a clear orange colored amber nugget, which brilliantly displays the specimen with the bones visible within the skin on the leg and foot. Offered with a photo of the lizard foot and leg. Amber measuring 13 x 11in; Specimen measuring 12 millimeters; Mount measuring 8 x 6in





EXTINCT SPECIES OF PREDATORY COCKROACH IN 100-MILLION-YEAR-OLD AMBER

Manipulator modificaputis

Cretaceous

Myanmar, Burma

Arguable the most beautiful Cretaceous amber, Burmite is 100-year-old amber from Myanmar. The present specimen is a clear amber nugget containing a rare, extinct species of long-legged predatory cockroach. The species has recently been given the name *Manipulator modificaputis*, alluding to the extremely long legs which the cockroach used to capture, hold and manipulate prey insects. Amber is prehistoric tree sap, which, in rare cases, entombed insects, plant material and, occasionally, vertebrates, creating a snapshot of primitive life. *Specimen measuring 6mm; Amber measuring 17 x 13mm*

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

4408

RARE WASP NEST IN AMBER CABOCHON

Sphecidae

Cretaceous

Myanmar (formerly Burma)

Known as Burmese Amber, one of the oldest clear types of amber found in the world comes from Myanmar. The amber is deeper in color than younger amber, is harder than younger amber and becomes much bluer in ultraviolet light. Many of the insects found in this amber are different from today's insects because they represent extinct species. The present clear honey colored amber cabochon contains a very unusual wasp nest, which proves that wasps, even 100 million years ago, constructed nests of mud in which to deposit their eggs. The spectacular amber specimen is offered with an enlarged photo of the nest. Offered with a mount of contemporary styling. Specimen measuring 18 x 13mm; Wasp nest measuring approximately 6 millimeters; Mount measuring 8 x 10in

\$2,800 - 3,500

4409

AMBER SPECIMEN

Burma

A large specimen, with good to moderate transparency, which has been lightly polished on the surface to reveal the interior having numerous insect inclusions. Weighing approximately 985.4 grams and measuring 7 x 6 1/2 x 2 in

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





4410 **VERY LARGE AMBER SPECIMEN**

Eocene Baltic Coast

Approximately 44 million years ago it has been estimated that the forests on the Baltic coast created more than 100,000 tons of amber. These deposits have been an important part of the economies of the countries in this region. The present, fine example of transparent amber hails from this area. Appearing to have a "heart-shaped" outline with a naturally pierced hole to the center, it is exemplary due to the insect inclusions found within it which stand out in high relief due to the overall clarity of the piece. Present are ants, possibly a centipede and various unidentified species. Weighing approximately 1106 grams and measuring 8 1/2 x 7 x 3 1/4in

\$4,000 - 6,000





4411 **EXCEPTIONAL STONY METEORITE – COMPLETE INDIVIDUAL**

Unclassified NWA Sahara Desert, Morocco

Stony meteorites typically break apart or explode high in Earth's atmosphere before impact; therefore, most specimens are small. This large, complete specimen is one of the exceptions. It is designated as an unclassified NWA (Northwest Africa) meteorite; it was found by Berbers in the Sahara Desert of Morocco and has not been fully studied for classification. It is most likely an *ordinary chondrite*. This type includes round silicate grains that formed at the very beginning of the solar system 4.55 billion years ago from molten globs of accreted material which formed when two asteroids collided. All stony meteorites contain iron and are designated as either low or high iron and are quite heavy for their size. This meteorite is completely original, displaying a wind- and sand-blown surface with some traces of the original fusion crust. A 5 ¾ x 3-inch window has been cut on one end to reveal the interior of this large stony meteorite. The dark brown matrix is filled with various sized chondrules and flecks of iron-nickel

\$3,000 - 3,800

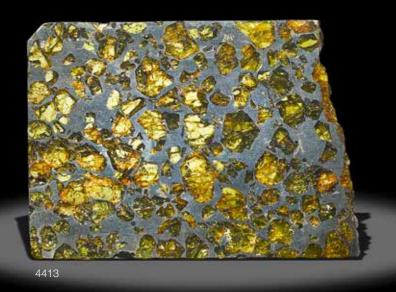
4412

PALLASITIC SEYMCHAN METEORITE CUBIC SCULPTURE

metal. Measuring 7 x 6 3/4 x 4 1/2in; Weighs 13 pounds (5.9 kilos)

A fine table top sculpture of cubic form, displaying olivine crystals on all six sides, acid etched to reveal the classic Widmanstatten pattern of crystallization of the meteorite, honed to a high polish. Weighing approxiamately 860 grams and measuring $2 \times 2 \times 2$ in

\$4,500 - 5,500



4413

ESQUEL, A SUPERLATIVE PALLASITE WITH OUTER SPACE GEMSTONES - LARGE SLICE

Pallasite

Chubut. Argentina

Discovered in 1951 by a farmer in Chubut, Argentina, the single 680-kg meteorite known as Esquel has been in great demand as one of the most beautiful of the rare type of meteorites known as pallasites. There are three major types of meteorites, iron, stony and stony-iron. Pallasites are stony-iron meteorites, which originate from the core-mantle boundary of large planet-sized asteroids, which were destroyed early in the formation of the solar system. This rare type of meteorite consists of iron-nickel from the core of the asteroid as well as olivine crystals from the mantle. Peridot crystals (the gem state of olivine crystals) are the only known gemstones from space found in meteorites. Esquel is considered to be the most beautiful of all pallasites and is now rarely available, as the single discovered meteorite has been completely sectioned with only the main mass end piece remaining. This large section of Esquel has been polished on both sides to maximize the lustrous beauty of the iron-nickel matrix. It displays numerous desirable translucent yellow-green and green olivine crystals. A covetable piece. Measuring 5 1/2 x 4 x 1/8in

\$10,000 - 14,000

4414

SPECTACULAR METEORITE CUBE WITH OUTER SPACE **GEMSTONES**

Pallasite

Seymchan, Magadan District, Russia

Two meteorites weighing 323 kilograms were found in 1967 in Seymchan, a Magadan district in far eastern Russia. Originally, Seymchan was believed to be an iron-nickel meteorite but, recently, olivine crystals were found in parts of some of the Seymchan meteorites, identifying it as a far more rare pallasite. Pallasites literally contain gemstones from outer space, as they contain olivine crystals mixed in with the iron-nickel matrix. Weighing almost ten pounds, the present specimen has been formed into a cube and polished on all sides to display a unique inhomogenous mix of silicon, iron-nickel and olivine crystals. Seymchan is one of the most stable of all iron-nickel or pallasite meteorites because of its high concentration of iridium. Iridium is the second most dense element and the most corrosiveresistant metal known. The present example is one of the largest to have come onto the auction market. Measuring 9.8 x 9.8 centimeters; Weighs 4,470 grams



\$16,000 - 25,000





4415 **LARGE CAMPO DEL CIELO METEORITE**

Coarse Octahedrite Gran Chaco, Argentina

Boasting a weight of over twenty pounds, this Campo del Cielo specimen displays an esthetic shape covered with medium to large sized regmaglypts (sometimes called *thumbprints*) on one side and many smaller regmaglypts on the opposite side. Regmaglypts formed when the meteor passed through Earth's atmosphere and the troilite in the meteorite melted. First recorded by the Spanish in 1576, the huge fall of Campo del Cielo (Valley of the Sky) occurred thousands of years before its discovery. The finest *Campos*, exemplified by this splendid specimen, were recovered high in the mountains where their surface was not rusted away by ground water. The strewnfield has been thoroughly explored and new specimens are rarely found, increasing their market value. *Measuring 9 x 6 ½ x 3in; Weighs 20.5 pounds (9.3 kilos)*

\$2,000 - 2,800

4416 W TWO IRON METEORITES

Canyon Diablo
Iron-Nickel, Coarse Octahedrite
Meteor Crater, Coconino County, Arizona
Beautiful sculpted regmaglypts recommend these two iron meteorites.
(2) Specimens measuring 5 x 3 x 1 1/2in and 4 x 2 ½ x 2 1/4in
respectively; specimens weighing 933 grams and 830 grams
respectively

\$1,500 - 1,800 To be sold without reserve



AFRICAN GIBEON METEORITE - COMPLETE ETCHED SLICE WITH HOLE

Iron-Nickel, Fine Octahedrite Kalahari Desert, Namibia, Africa

Gibeon meteorites are in very high demand as they are hard to find and possess a most beautiful internal crystalline structure when cut and etched. Gibeon meteorites were discovered in the Kalahari Desert of Namibia, Africa from a fall that occurred thousands of years before they were encountered. The present complete etched slice boasts an aesthetic shape with a large hole, which resulted from a large regmaglypt in the complete meteorite. The slice has been polished and etched on both sides to exhibit the extremely detailed, beautiful fine octahedral Widmanstatten pattern. The interesting geometric pattern results from the separation of two alloys of nickel, taenite and kamicite, from the large parent asteroid before it was blown apart early in the formation of the solar system. This crystalline pattern does not exist on any rocks on Earth and only forms when the iron core of the asteroid cools very slowly, at no more than a few degrees Celsius per million years. Gibeon is often considered to have the most aesthetically pleasing regmaglypts because they are so fine, forming a beautiful delicate pattern. Offered with a display stand. Measuring 8 1/3 x 5 1/2in; Weighs 278 grams

\$2,000 - 2,500 To be sold without reserve 4418

TWO TYPES OF CAMPO DEL CIELO METEORITE SPECIMENS – END CUTS

Iron-nickel, Mesosiderite Gran Chaco, Argentina

Though Campo del Cielo is an iron-nickel meteorite, there exist a very small number of silicated Campo del Cielo meteorites, which are actually a different type of meteorite altogether - a mesosiderite. The mix of iron-nickel and fragments of silicate rock is diagnostic of mesosiderites. This lot contains both types of Campo del Cielo meteorites. The end cut with the Widmanstatten etch pattern displays a polished and etched face and the reverse side exhibits regmaglypts (texture produced by the meteorite's fiery descent through Earth's atmosphere.) The mesosiderite end cut consists of 75% silica and 25% iron-nickel; the cut side shows the interesting mix of silica and the iron-nickel matrix while the reverse side displays regmaglypts. Both specimens are offered in a Riker mount.

Widmanstatten end cut measuring 3 $\frac{1}{2}$ x 2 x 1 $\frac{3}{4}$ in and weighs 428 grams; Silicated end cut measuring 2 $\frac{3}{4}$ x 2 $\frac{1}{4}$ x 1 in and weighs 203 grams; Riker mount measuring 6 x 8in

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







4419 SIKHOTE-ALIN METEORITE

Iron, Coarse Octahedrite Maritime Territory, Siberia, Russia

This splendid meteorite originates from the largest meteorite shower since the dawn of civilization, which occurred on February 12, 1947 over Siberia's Sikhote-Alin Mountains. The monumental forces exerted on this meteorite as it rocketed through the atmosphere are amply evident. In a rare witnessed fall, Sikhote-Alin blazed through the Earth's atmosphere at a speed of approximately 31,000 miles per hour. It left a trail of smoke and dust that was 20 miles long, which lingered for several hours. Light and sound of the fall were observed for two hundred miles around the point of impact. Here is a covetable specimen from one of the most dramatic witnessed falls of all time. The present specimen is a complete individual of "schrapnel-type" meteorite--with sharp edges which bear testament to the immense shearing force of this event. Weighing approximately 1468.5 grams and measuring 5 1/2 x 4 1/2 x 2in

\$1,200 - 1,500

4420

SIKHOTE-ALIN TRANSITIONAL TYPE METEORITE

Iron-Nickel

Sikhote-Alin Mountains, Siberia

This Sikhote-Alin iron-nickel meteorite is an interesting transitional specimen, displaying some characteristics of the shrapnel type with sharp edges and flow lines, plus some shallow regmaglypts, which were not fully developed at the time of impact. The large meteorite body broke up twice during its fall to Earth with only the higher breakup creating the meteorites with the regmaglypts, the lower breakup creating the shrapnel type meteorites. Having fallen on Feb. 12, 1947 in Siberia, Sikhote-Alins are the best preserved of all known iron-nickel meteorites. Here is an opportunity to acquire a Sikhote-Alin specimen with interesting characteristics of both types. *Measuring 4 % x 3 x 2 ½in; Weighs 2,061 grams (4.53 pounds)*

\$5,000 - 7,000

4421

SIKHOTE-ALIN METEROTIE - COMPLETE SPECIMEN

Sikhote-alin

Iron 11AB, Coarse Octahedrite

Maritime Territory, Russia

Sikhote-Alin was a rare witnessed fall, on Feb 12, 1947, resulting in craters surrounded by torn and damaged trees felled and broken by the rain of the nickel-iron celestial visitors. Here is an opportunity to own a fascinating specimen from this historic meteorite fall. Weighing 212 grams; measuring 2 1/2 x 2 x 1 1/4in

\$400 - 600 To be sold without reserve



4422

EXTREMELY LARGE SIKHOTE-ALIN IRON METEORITE

Iron-Nickel

Sikhote-Alin Mountains, Siberia

This rare, extremely large Sikhote-Alin iron-nickel meteorite is a very attractive and most interesting example of a shrapnel-type Sikhote-Alin. The enormous explosion that took place on Feb. 10, 1947, high above the Sikhote-Alin Mountains of Siberia, tore the meteorite into thousands of smaller pieces and knocked people off their feet several miles away from the blast. The first explosion was high up in the atmosphere; meteorites from this initial explosion exhibit regmaglypts (thumbprints) due to melting. The secondary explosions occurred much closer to the ground and these meteorites show the ripping force of the explosion, which resulted in torn edges and jagged shapes. The present distinctive specimen shows signs of the explosive shearing force, displaying sharp edges. Also seen are rare, desirable flow lines emanating in many directions, providing the opportunity to view original flow patterns in a fresh meteorite. The reverse side exhibits many small craters, produced by the impact of other smaller pieces of the meteorite, which were scattered throughout the atmosphere during the meteorite's explosive entry. This is one of the largest Sikhote-Alin meteorites to be offered at auction and is larger than most museum specimens. Measuring 10 x 9in; Weighs 24 1/2 pounds (11.11 kilos)

\$16,000 - 20,000





(details)

1123

SENSATIONAL METEORITE CHESS SET

Sikhote-Alin Complete Specimens: Iron-Nickel, Sikhote-Alin Mountains, Siberia;

Seymchan Etched Slices: Pallasite, Seymchan, Magadan District, Eastern Russia

Boasting marvelous specimens from two famous Russian meteorites, this captivating chess set is the ultimate in unique luxury for the avid chess player or meteorite collector. For one opponent, complete specimens of Sikhote Alin inspire a winning game; for the other, sliced and etched Seymchan specimens.

Having fallen on Feb. 12, 1947 in Siberia, Sikhote-Alins are the best preserved of all known iron-nickel meteorites, as exemplified by the present complete specimens, which display desirable regmaglypts (textural variations caused by melting during the meteorite's fiery descent toward Earth.) Seymchan fell in far eastern Russia in 1967. Originally classified as an iron-nickel meteorite, it was recently identified as a far more rare pallasite. The present sliced and etched specimens display the beautiful crystalline structure seen only in extraterrestrial metal.

The gorgeous chessboard is composed of hand cut smoky quartz and clear quartz. For clarity, each base identifies the chess piece it supports. Height of largest pieces measuring 4-4 1/2in; Each square on the board measuring 2 3/8in x2 3/8in; Board measuring 19 x 19in

\$15,000 - 20,000

Luis Alberto Quispe Aparicio

Luis Aparicio's works are displayed in museums in the United States and Europe and are enjoyed by private collectors around the world. 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, as it requires a very advanced technique for carving and polishing.





4424 UNIQUE METEORITE EGG-FORM CARVING

Coarse Octahedrite Gran Chaco, Argentina

The famous iron-nickel meteorite, Campo del Cielo, fell to Earth over 4,000 years ago in the mountainous region of Gran Chaco, Argentina, 500 miles north-northwest of Buenos Aries, in one of the largest and undoubtedly most dramatic falls of the last 10,000 years. Meteorites from this fall were scattered over hundreds of square miles of inaccessible terrain. The present egg-shaped specimen has been polished and etched to show its Widmanstatten pattern, which results from two alloys of nickel in the meteorite etching at different rates. No iron-nickel rocks on Earth exhibit this pattern, which occurs when the extraterrestrial metals cool at the very slow rate of several degrees per million years. Also seen in this specimen is an interesting troilite inclusion. Offered with a display stand. Measuring 2 ½ x 1 1/5in; Weight 500 grams

\$2,000 - 2,500 To be sold without reserve 4425

MUONIONALUSTA METEORITE CUBIC SCULPTURE

Iron-Nickel – Fine Octahedrite Norrbotten, Sweden

Muonionalusta is an iron-nickel meteorite discovered in Norrbotten, Sweden in 1906. Classified as a fine octahedrite, it has one of the most beautiful Widmanstatten patterns of all meteorites, as exemplified by the present specimen. Widmanstatten patterns form when the two alloys of nickel kamacite and taenite separated in the iron core of the large asteroid that was destroyed by collision with another asteroid in the asteroid belt billions of years ago. This pattern occurs only when the iron core cools at a rate of just a few degrees per million years and is not found in any iron-nickel metals on Earth. The present tabletop sculpture is of cubic form, acid etched and polished to reveal the classic Widmanstätten pattern of crystallization with a large troilite inclusions visible. Weighing approximately 3530 grams and measuring 3 x 3 x 3 in

\$6,000 - 8,000



PAIR OF MUONIONALUSTA METEORITE DICE WITH DIAMOND PIPS

The Muonionalusta meteorite is one of the oldest meteorite falls on the planet, and its distinctive crystal pattern is highly sought after due to it deep etch. These dice are hand crafted in Germany and each is set with 21 quality diamonds, weighing approximately 0.84 carats each, using the pavé method. The diamonds are black and near-colorless. A rare and exciting gift for the sophisticated collector. Measuring 1/2 in

\$1,500 - 2,000

4427

MUONIONALUSTA METEORITE WATCH WITH METEORITE CASE AND DIAL

Excellent European craftsmanship is found in this all meteorite men's watch, made from the famous Swedish fine octahedrite meteorite. Both the dial and the watch case have been crafted with precision from a block of Muonionalusta meteorite, which houses an automatic Myota movement. The watch is accompanied by a lifetime warranty and a black ostrich leather band. The dial measures 1 1/4in and the watch case measures 1 1/2in. The diamond is enhanced with a small diamond accent.

\$6,000 - 7,000

4428

MUONIONALUSTA METEORITE AND STAINLESS STEEL BALL POINT PEN

A fine European craftsmanship collectible pen. The Muonionalusta meteorite pattern displayed on the barrel of the pen shows the rare space crystallization called "Widmanstatten". A coveted decorative space metal at its best, with a phenomenal deep etch. Created from a single block of meteorite by precision turning, resulting in a solid barrel of meteorite. *Length 4 3/4in*

\$2,500 - 3,000

Offered with a black leather case.

4429

MUONIONALUSTA METEORITE AND STAINLESS STEEL FOUNTAIN PEN

A fine European craftsmanship collectible pen. The Muonionalusta meteorite pattern displayed on the barrel and cap of the pen shows the rare space crystallization known as "Widmanstatten". A coveted decorative space metal at its best, with a phenomenal deep etch. Created from a single block of meteorite by precision turning, resulting in a solid barrel of meteorite. Length 5 3/4in

\$3,000 - 4,000

Accompanied by an extra ink cartridge and leather case.



RUSSIAN TRILOBITE

Hoplolichas furcifer Ordivician, Paleozoic

Laba River Basin, St. Petersburg, Russia

Hoplolichas furcifer is an uncommon species. This example displays characteristic spines, two barbed horns extending backward from the cephalon (head), two long spines behind its compound eyes and rows of sharp spines along the center and both sides of its body. Every detail is preserved, such as the individual calcite lenses of the compound eyes and the small bumps (postules) scattered on the head and body. This is a rare trilobite, rarely offered, and in great demand for its beauty.

Specimen measuring 2.5 x 1.75in; Matrix measuring 5 x 4in

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

4431

TRILOBITE FROM OHIO

Isotelus maximus Ordovician

Ohio

Most specimens of *Isotelus maximus* are found only as fragmented sections, unlike this covetable example. The present large trilobite is fully detailed and intact, including its characteristic long genal spines. It displays attractive dark brown coloration and is presented in its original dark gray matrix. *Isotelus maximus* is one of the largest trilobites known and is the invertebrate state fossil for Ohio. *Measuring* 5 x 3in

\$2,000 - 2,500

4432

TWO LARGE 500-MILLION-YEAR-OLD JELLYFISH IN MATRIX

Medusae climactinites

Cambrian

Mt. Simon-Wonewoc, Wisconsin

The largest and best-preserved jellyfish come from the 500-million-year-old Mt. Simon-Wonewoc Sandstone. This large slab contains two very large *Medusae climactinites*, which is the largest jellyfish species found in the fossil record. Both specimens exhibit excellent detail on the central bell and well-defined scalloped edges. *Specimens measuring 12 ¼ x 11 ½in and 7 x 7in, respectively; Matrix measuring 20 ½ x 14 ½in*

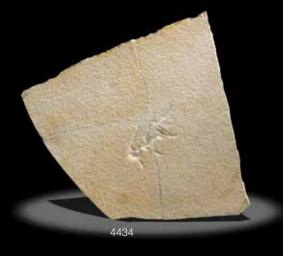
\$2,000 - 2,500 To be sold without reserve





4432







THREE ANCIENT SEA SCORPIONS

Eurypterus remipes

Late Silurian

Phelps Member, Fiddlers Green Formation, Herkimer County, New York

Eurypterus remipes is the New York State Fossil. Eurypterids, or Sea Scorpions, are an extinct group of arthropods known from the Ordovician to the Permian. Displaying a head, a segmented body and a tail, the majority of Eurypterids possessed a pair of paddle-like appendages for locomotion in water. The present large specimen, accompanied by two additional specimens, measures eight inches in length. Matrix measures 16 x 12in; Largest specimen measures 8in

\$2,000 - 3,000

4434

PRODIGIOUS FOSSIL GRASSHOPPER

Pycnophlebia

Malm Zeta II

Eichstatt, Bavaria, Germany

The largest of all the grasshopper genera from the famous locality. Measures 15 $1/2 \times 14 \ 1/2 \times 1/2$ in (2)

\$1,200 - 1,500

To be sold without reserve

4435

FOSSIL HORSESHOE CRAB

Mesolimulus walchi

Jurassic

Solnhofen, Germany

A fine example of a large crustacean from the famous *lithographic* stone locality in Germany. *Measures 18 x 15 x 1/2in*

\$800 - 1,200

To be sold without reserve

4436

FOSSIL DRAGONFLY

Stenophlebia sp.

Jurassic

Eichstatt, Solnhofen, Germany

Excellent wing and eye detail is seen in a delicate fossil that is common for this locality. Specimen measures 2 1/2in. Matrix measures 11 x 10 1/2in

\$500 - 700

To be sold without reserve









A PAIR OF DINOSAUR CLAWS

Indeterminate species
Cretaceous
Kem Kem Beds, Morocco
Offered are both a hand and foot claw from a small Cretaceous
theropod dinosaur. Manus claw measuring 1 1/2in; Pez claw
measuring 1 1/8in (2)

\$1,000 - 1,300

4438

SMALL THEROPOD CLAW

Indeterminate species
Late Cretaceous
Kem Kem Beds, Morocco
A very fine small hand claw from a small Cretaceous theropod dinosaur. Measuring 2in

\$1,000 - 1,300

4439

TWO PTEROSAUR CLAWS

Siroccopteryx moroccoensis
Late Cretaceous
Kem Kem Beds, Morocco
A rare pair of Pterosaur claws. Specimens measuring 1 3/8in and 1 1/4in, respectively (2)

\$1,300 - 1,500







DINOSAUR TOOTH

Carcharodontosaurus saharicus
Late Cretaceous
Kem Kem Beds, Africa
A very large tooth exhibiting fine serrations
and a rich brown enamel. Like Spinosaurus,
specimens of Carcharodontosaurus saharicus
were destroyed during World War II, but many
more specimens have been found since then,
allowing science to accurately describe them.
Height 3in

\$1,800 - 2,200

4441

DINOSAUR TOOTH

Carcharodontosaurus saharicus Late Cretaceous Kem Kem Beds, Africa

Carcharodontosaurus saharicus was slightly larger than Tyrannosaurus and Gigantosaurus, but still smaller than Spinosaurus. The present specimen is a large and impressive tooth from *Carcharodontosaurus saharicus*, of North Africa. Most of the serrations are visible on this caramel colored tooth and good overall enamel condition is seen. *Height 2in*

\$1,000 - 1,500

4442

THEROPOD MANUS CLAW

Indeterminate species
Cretaceous
Kem Kem Beds, Morocco
A wonderful hand claw from a small theropod dinosaur. Measuring 2 ¾in

\$2,200 - 2,500

4443

A FINE THEROPOD MANUS CLAW

Indeterminate species
Cretaceous
Kem Kem Beds, Morocco
A beautiful hand claw displaying nice
definition, from a Cretaceous theropod
dinosaur. Measuring 3 ½in

\$2,500 - 3,000



RARE DINOSAUR FOOT CLAW

Diplodocus

Late Jurassic

Morrison Formation, Colorado

Diplodocus was a sauropod (long-necked dinosaur) with a long, whip-like tail, fossils of which were first discovered in 1877 by S.W. Williston. This complete 150-million-year-old claw was found in the Morrison Formation on a private ranch in Colorado. Diplodocus claws are rarely found. Displaying attractive dark brown coloration, the claw is offered on a display stand. Measuring 5 ½in

\$2,500 - 3,500

4445

TWO JUVENILE *T. REX* TEETH IN MATRIX

Tyrannosaurus rex

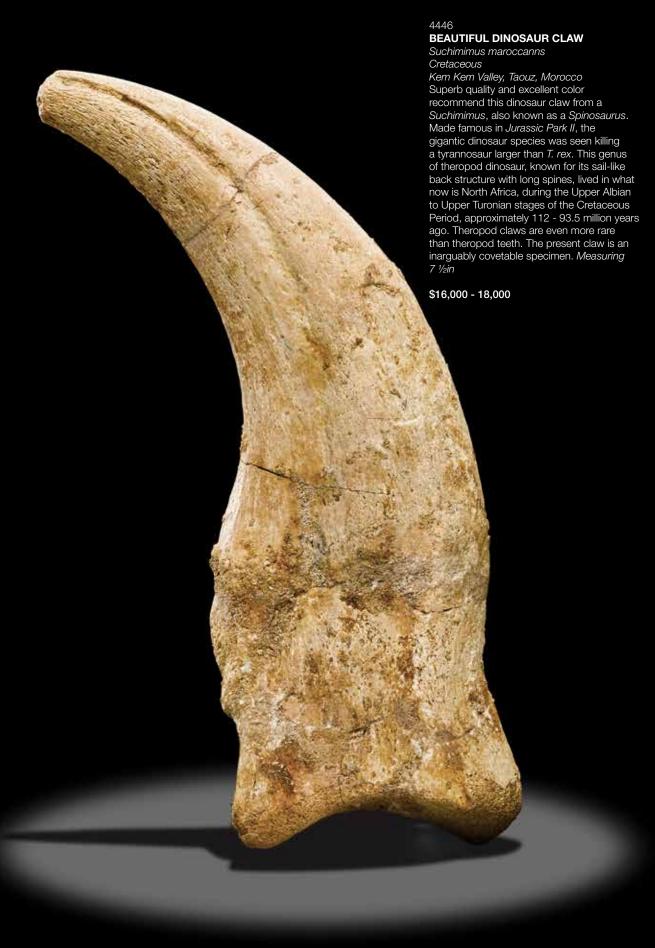
Late Cretaceous

Hell Creek Formation, Powder River County, Montana

These two complete juvenile *T. rex* teeth boast excellent brown enamel, full tips (except for some interesting natural feeding wear) and good serrations. The specimens were recovered in an ancient river or lakebed on a private ranch in the 65-67-million-year-old Hell Creek Formation of Powder River County, Montana. The squared-off shape of the bases of the teeth is characteristic of the species. There is still some debate as to whether the

smaller, more slender teeth of the juvenile *T. rex* belong to *T. rex* or are actually adult teeth of the smaller genus, *Nanotyrannus*. This is a difficult question to answer because both are found in geologic formations of the same age. All *T. rex* teeth are shed teeth except the very few that have been found with skeletons. *Specimens measuring 1 ¾in and 1 3/8in, respectively*

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









4448 TRICERATOPS VERTEBRA ON STAND

Triceratops prorsus Cretaceous North Dakota

A fine *Triceratops* vertebra on a contemporary custom designed stand makes for a stunning textural piece which would be equally at home in a museum collection or as a dramatic décor accent for home or office. The presentation is an iconic piece of dinosauria; even the base is formed of a slab of fossiliferous shale. *Triceratops* is one of the most well known of all dinosaurs, famous for its distinctive three horns and frill. Known as the *Cattle of the Cretaceous* by some scientists, the genus travelled in herds in North America and served as prey for large carnivores, such as *T. rex*, during the Age of Dinosaurs. *Specimen measuring* 11 x 7 ½ x 4in

\$1,500 - 2,000

4449

EXCEPTIONAL SAUROPOD DINOSAUR CLAW

Rebbachisaurus Cretaceous

North Africa

An extremely rare and highly desired claw of the long necked sauropod dinosaur from Africa, *Rebbachisaurus*, a close relative of *Diplodocus*. Estimated at 46-66 feet in length and over 7 tons in weight, the genus possessed a small head, a long neck and a whip-like tail. Unlike other sauropods, however, the genus displayed an unusually tall, rigid back. The discovery of a nearly identical South American sauropod supports the theory that there was still a land connection between Africa and South America during the Early

Cretaceous, long after it was commonly thought the two continents

\$9,000 - 10,000

had separated. Measuring 7 1/16in



OUTSTANDING FOSSIL CAMEL SKULL

Poebrotherium Paleogene

White River Badlands, Sioux County, Nebraska

A rarely seen genus, which is seldom found so complete, *Poebrotherium* was one of the very first camels (living over 30 million years ago) which originated in North America and not in Asia. It was the size of a sheep and lived in herds. Standing only about 30 inches tall, it was built for speed, with longer hind legs than forelegs. Many strange and unusual mammals lived in Western Nebraska and South Dakota 30-40 million years ago. Their rare and valuable fossils are sometimes found in the White River Badlands where they are uncovered by rain, wind and frost and are quickly destroyed unless they are discovered and collected. The present virtually complete skull is presented in matrix as it was originally found. *Specimen measuring 8 x 2 ½ x 3 ½in*

4451 ^w

LARGE PAIR OF PYRITIZED AMMONITE HALVES

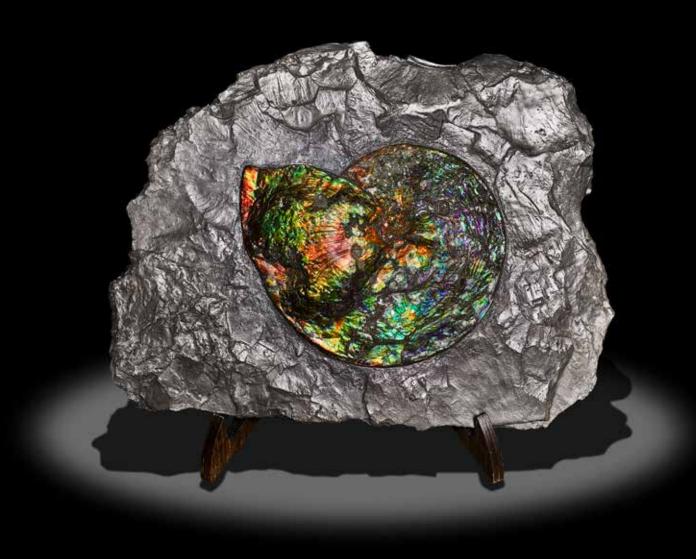
Speetoniceras versicolor

Lower Cretaceous

Volga River, Ulyanovsk Region, Russia

A fine ammonite with subtly sparkling pyrite replacement has been cut in half to reveal the beautiful chambers of the interior. The cut surface has been polished to an attractive lustre, accentuating the brilliant golden color within. Specimens measuring 14 and 13 1/4 in respectively (2)

\$1,000 - 1,300 To be sold without reserve



CANADIAN AMMONITE IN MATRIX

Placenticeras meeki

Cretaceous

Bearpaw Formation, Alberta, Canada

Brilliant greens and blues, with some red tones, distinguish this Canadian ammonite, which has been prepared in the richly toned gray-black matrix in which it was discovered. Ancestor to the modern chambered nautilus, ammonites have existed for nearly 330 million years, yet few fossil ammonites approach the beauty of specimens from this locality. The present nicely inflated specimen glows in dramatic contrast to the matrix. The brilliant opalescence of the finest specimens from the Bearpaw Formation is not seen in ammonites from any other locality. Ammonite diameter measuring 11 1/4 x 9in; Matrix measuring 20 x 15 x 2in

\$22,000 - 28,000



OPALESCENT AMMONITE IN MATRIX

Placenticeras meeki

Cretaceous

Bearpaw Formation, Alberta, Canada

Revealed in the dark shale matrix in which it was discovered, a beautifully preserved ammonite displays brilliant greens, reds, gold and even some blue coloration. Blue colors are uncommon in this type of ammonite. Ancestor to the modern chambered nautilus, ammonites have existed for nearly 330 million years, yet few fossil ammonites approach the beauty of specimens from this locality. Exhibiting the brilliant opalescence of the most covetable specimens from the Bearpaw Formation, the present nicely inflated example shimmers in dramatic contrast to the matrix. Ammonite diameter measuring 7 1/2 x 5 3/4in; Matrix measuring 21 x 14 1/2 x 2in

\$20,000 - 25,000











4456

4454

Montana

SPHENODISCUS AMMONITE

Sphenodiscus lenticularis Cretaceous

This complete, large 90-million-year-old ammonite, Sphenodiscus lenticularis, was discovered in Montana; it was fossilized when the large inland sea submerged much of Montana. Ammonites, which can be described as a type of armored squid, became extinct 65 million years ago at the same time as the dinosaurs. This beautiful example displays some of its original motherof-pearl, which has fossilized, exhibiting colors ranging from brown to an iridescent redorange color. These colors are so prized that gemstones are made from them. Interesting suture patterns (structures which, in life, strengthened the shell) are also seen. The attractive specimen sits upright within a solid stone matrix, making for an excellent display specimen. Measuring 9 1/2in

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

4455

AMMONITE

Morocco

A decorative ammonite of rich brown coloration, showing excellent suture patterns. Diameter 10 1/2 in

\$400 - 600 To be sold without reserve

4456

IRIDESCENT AMMONITE CLUSTER

Volga River, Russia

A mass mortality group consisting of a large number of ammonites, many with iridescent surfaces. *Measuring 7 3/4 x 8 1/2 x 6in*

\$600 - 800

4457 W

LARGE MADAGASCAR AMMONITE - PAIR OF SLICES

Perisphinctes sp.

Jurassic

Madagascar

This aesthetically stunning ammonite was sliced in half and polished on the cut surfaces to exhibit the fascinating growth plates of the once-living ammonite, as well as gorgeous crystals which formed in many of the chambers over millions of years. This large and impressive ammonite pair would be equally at home as the centerpiece of an invertebrate collection or providing a decorative focal point in a luxury interior. (2) Each specimen measuring 18 x 18in

\$7,500 - 9,000 To be sold without reserve







RARE AND EXCEPTIONAL AMMONITE

Pachydiscus catarinae Late Cretaceous

Rosario Formation, Baja, California Pachydiscus is prized for its dramatic suture patterns - structures marking the walls of the growth chambers of the once-living animal. These walls provided stability to the shell as the animal grew. Ammonites were, ostensibly, armored squid, which bobbed up and down in the water column of the prehistoric seas, preying on fishes and other smaller shellfish. This very rare and wonderfully well-preserved specimen was found in the Upper Cretaceous Rosario Formation of Baja, California, consisting of shales, mudstones, and sandstones. The ammonites occur in boulders made of concretionary accumulations of marine matrix originating as giant mud balls that were rolled up, which then adhered to a central rock or fossil. Only 10% of these boulders contain ammonites and a fraction of these contain specimens approaching the quality of the present outstanding specimen. This rare example displays superb shades of warm cream, dark gray and chocolate brown. Its beautifully polished finish reveals the many finely preserved, fern-like suture patterns, evidencing the exceptional condition of this fast-moving nektonic carnivore from the Age of Dinosaurs. Measuring 19 1/2 x 15 1/2 x 7 1/2in

4459 W

LARGE RED OPALESCENT AMMONITE

Placenticeras meeki

Cretaceous

Bearpaw Formation, Southern Alberta, Canada

Eye-popping red coloration is seen in this stunning ammonite from Canada, a locality that produces the most brilliantly colored ammonite specimens in the world. Ammonites arose during the Devonian Period and met their end, along with the dinosaurs, during the K-T extinction. The closest living relative of the ammonite is the chambered nautilus. The present example is nicely *inflated* in shape. *Measuring 20 x 16 ½in*

\$6,000 - 8,000 To be sold without reserve

4460 W

LARGE RUSSIAN AMMONITE

Audoliceras sp.

Jurassic

Volga River, Ulianovsk Region, Russia This delicately curled heteromorphic ammonite has been carefully prepared on its original matrix and displays iridescent mother-of-pearl surfaces on its ribbed shell. Measuring 14 x 10in

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



4461

SIXTEEN COMPLETE ARMORED CRINOIDS IN MATRIX

Jimbacrinus bostocki

Permian – Late Artinskian

Cundlego Formation, Northern Territories,

Western Australia

Resembling a plant, *Jimbacrinus bostocki* anchored itself to objects on the sea bottom and captured small prey animals with its stem-like tentacles. The present specimen comprises sixteen crinoids, each of which is complete or nearly complete, on a freestanding block of natural stone matrix. Large mass mortality presentations such as this are covetable finds. *Matrix measures 12 x 10in*

\$2,000 - 3,000



LARGE CRINOID ON SHALE

Seirocrinus subangularis

Jurassic

Posidonienschiefer Formation, Holzmaden, Germany

A single exquisite crinoid, or sea lily, has been expertly prepared in the rich black matrix of the famed fossil locality of Holzmaden, Germany. Subtly sparkling pyrite inclusions can be seen in the specimen, giving a slightly golden sheen to the calyx. Though distinctly plant-like in appearance, crinoids were filter-feeding animals; this species attached itself to driftwood, which floated on the surface of the warm, shallow Jurassic seas in the area now known as Germany. Measuring $63 \times 31 \, \frac{1}{2} \, in$

\$15,000 - 25,000



ICHTHYOSAUR WITH FISH

Stenopterygius sp., Indeterminate species Early Jurassic Holzmaden, Germany

A fascinating inhabitant of the Jurassic seas, the ichthyosaur is believed to have filled a similar ecological niche as today's dolphin. Of all known reptiles, ichthyosaurs were best adapted to a marine existence. The present offering exhibits an ichthyosaur with a fish on the same matrix. It is uncommon to see these two species in association with each other on a single plate. Beautiful preservation and expert preparation recommend this desirable piece. *Measuring 52* 1/2 x 36 1/2 x 1 1/4in

\$25,000 - 35,000





4464 W

WONDERFUL JURASSIC CROCODILE

Stenosaurus bollensis

Jurassic

Holzmaden, Germany

Once of the most formidable of animals found in the famous Holzmaden quarries of Germany, *Stenosaurus bollensis* was a marine crocodile of the Late Jurassic Period. The present specimen, displaying a fine skull and lower jaw, with vertebral column present, is from a private European collection. Although not complete, it exhibits an aesthetic appeal for its natural presentation. It is seen in the position in which it was originally found, with no significant restoration. The remarkable diversity and extraordinary preservation quality of the finest fossils of this locality make it a world-renowned fossil lagerstatte, an accumulation of fossils representing an entire ecosystem of flora and fauna. Holzmaden fossils require particularly laborious and exacting laboratory preparation due to the similarity in densities of the shale matrix and the fossils. *Measuring 28 x 41 x 3in (71 x 104 x 8 cm)*



\$50,000 - 70,000



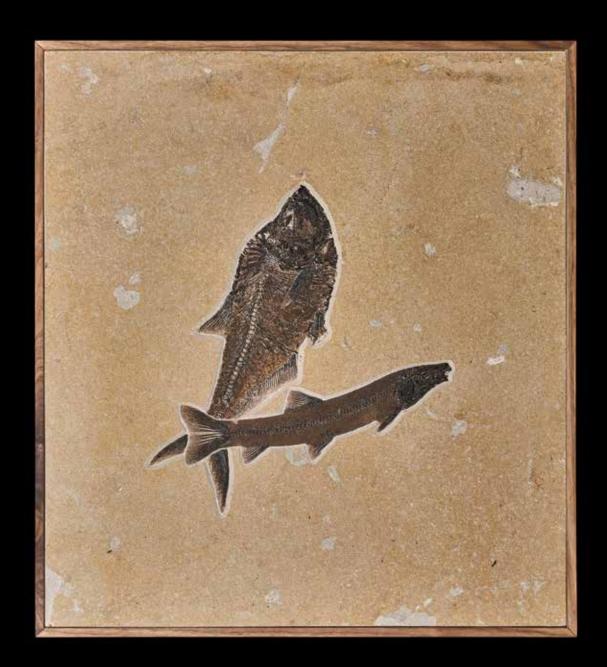












FOSSIL FISH - FRAMED MURAL

Diplomystus dentatus

Notogoneus osculus

Green River Formation, Wyoming

Gorgeously well-preserved 51-million-year-old fossil fish have been revealed within the limestone matrix in which they were discovered, in this ultimate art piece for home or office. The superb *Notogoneus* partially overlaps the *Diplomystus*, as they were found. A completely natural occurrence from the famous F1 Horizon, 18-inch layer, of the world famous Green River Formation of Southwestern Wyoming. Framed in tropical walnut and fitted with a cleat system for display on any wall of conventional construction. *Frame measuring 29 x 32 1/2in; Largest fish measuring 18 1/4in*

\$1,800 - 2,200



4466 W PALM FROND MURAL

Sabalites sp.

Green River Formation, Wyoming
Often considered the most aesthetically pleasing of all fossils found in the famous Green River Formation, palm fronds are considered rare finds, as the delicate cellulose of the original plant decays rapidly before fossilization can occur. Presented with four fossil fish, the present specimen is a gorgeous partial palm frond from the 51-million-yearold Eocene sediments of Southwestern Wyoming. The specimen is framed in tropical wenge wood. Measuring 62 x 25 in

\$12,000 - 15,000







4467

FINE MEGALODON TOOTH

Carcharodon megalodon

Miocene

South Carolina

This large shark tooth displays exceptional serrations and a complete root. With steely blue-grey patina on the enamel with highlights of beige. *Measuring 5 5/8in*

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

4468

LARGE MEGALADON TOOTH

Carcharodon megalodon

Miocene

South Carolina

This large shark tooth displays nearly perfect serrations and a beautiful yellowish-grey patina on the enamel. A complete root also recommends this specimen. *Measuring 5 5/8 in*

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

4469

GREYISH-BLACK MEGALADON TOOTH

4470

Carcharodon megalodon

Miocene

South Carolina

A large shark tooth which displays good serrations and a greyish-black patina to the enamel. *Measuring 5 1/2in*

\$1,500 - 2,000

To be sold without reserve

4470

IMMENSE ABERRANT MEGALODON SHARK TOOTH

Carcharodon megalodon

Neogene, Miocene

South Carolina

Carcharodon megalodon was the largest shark that ever lived, growing to more than fifty feet in length. This immense 15-20-million-year-old aberrant tooth was found in the muddy river waters of South Carolina. Estimating the length of a shark at about ten feet in length to every one inch of tooth, this behemoth would have been over sixty feet long. The huge tooth is a rare aberrant shark's tooth with its blade curving inward rather than pointing straight down as is typical. The specimen displays attractive brown gray enamel and an intact black root. Offered with a custom display stand with identification as Megalodon. Original, with no restoration. Measuring 6 1/8in on the diagonal

\$2,500 - 3,500







LARGE CARCHARODON MEGALODON SHARK TOOTH

Carcharodon megalodon Neogene, Miocene South Carolina

Though Carcharodon megalodon was the largest shark that ever lived, growing to more than fifty feet in length, most of the teeth found are only three to four inches in length. Specimens over five inches in length are in great demand. This large, six-inch-long, 15-millionyear-old tooth was found in the muddy river waters of South Carolina. Estimating the length of a shark at about ten feet in length to every one inch of tooth, this behemoth would have measured almost sixty feet long. Attractive gray-black enamel, excellent serrations and a black root recommend this piece. Offered with a custom display stand with identification as Megalodon. Measuring 6in

\$2,500 - 3,500

LARGE MIOCENE SHARK TOOTH

Carcharocles megalodon

Miocene

South Carolina

Carcharocles megalodon grew to sizes exceeding the length of a typical city bus. It fed on whales, among other prey, as evidenced by discoveries of whalebones found with megalodon remains. The present fine specimen displays gorgeous light tan coloration with a brown-dark brown root. Measures 6 1/2in (16cm)

\$2,500 - 3,500

4473

BLACK MEGALODON SHARK TOOTH

Carcharocles megalodon

Miocene

South Carolina

Unimaginably large in comparison to modern sharks, Carcharocles megalodon menaced the Miocene seas as an apex predator until its extinction. The present very large megalodon shark tooth is a covetable specimen, displaying lustrous gray-black-brown enamel and black root. Height 6 1/2 in

\$2,500 - 3,500

END OF SALE

OFFSITE SOLD PROPERTY STORAGE INFORMATION

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.

Bonhams' storage and logistics partner is Box Brothers, a well-known organization that specializes in crating, packaging and shipping.

Our storage and logistics partnership provides several beneficial services. The first being 5 days of free storage.

- During this auction, clients will be expected to pick up all property from Bonhams by 5pm on Monday May 21, 2018.
- 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.
- Box Brothers will charge an uplift fee to transport your items to their warehouse.
 Small items that can be handled easily by one person will be charged \$50. Larger items that can still be handled by one person will be charged \$85. Large items that require two people to handle will be charged \$100. Charges will be payable directly to Box Brothers. Should you choose to have Box Brothers ship or deliver your property, this uplift fee will be waived.
- Clients will have 5 days of free storage to retrieve their property or make arrangements with Box Brothers to pack and ship their property. Storage fees will begin to accrue on the 6th day of storage.
- 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:

4033	4181	4291
4034	4186	4292
4035	4189	4321
4036	4190	4326
4037	4190	4327
4038	4191	4388
4058	4200	4404
4085	4201	4416
4090	4212	4451
4096	4213	4452
4099	4218	4453
4100	4219	4454
4139	4221	4457
4145	4222	4458
4149	4223	4459
4152	4225	4460
4153	4228	4462
4154	4229	4463
4167	4231	4464
4175	4234	4465
4178	4235	4466

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 \$250,000 OF THE BID PRICE, 20% OF THE AMOUNT OF THE BID PRICE ABOVE \$250,000 UP TO AND INCLUDING \$4,000,000, AND 12.5% OF THE AMOUNT OF THE BID PRICE OVER \$4,000,000, 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, N ew 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.

To the fullest extent permitted by applicable law: 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 also 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 all other remedies available to us and the consignor by law, we may at our election: (a) hold the purchaser liable for the full purchase price and any late charges, collection costs, attorneys' fees and costs, expenses and incidental damages incurred by us or the consignor arising out of the purchaser's breach; (b) cancel the sale, retaining as liquidated damages all payments made by the purchaser; and/or (c) cancel the sale and/or

resell the purchased property, at public auction and/or by private sale, and in such event the purchaser shall be liable for the payment of all consequential damages, including any deficiencies or monetary losses, and all costs and expenses of such sale or sales, our commissions at our standard rates, all other charges due hereunder, all late charges, collection costs, attorneys' fees and costs, 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 prices 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 (or, if lower, the maximum nonusurious rate of interest permitted by applicable law), 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

CONDITIONS OF SALE - CONTINUED

the American Arbitration Association. The arbitrator's award LIMITED RIGHT OF RESCISSION 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.

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 (323) 850 7500.

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

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 lawvers, 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 (323) 850 7500.

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/24619** 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.

The removal/storage and/or shipment by Box Brothers of any lots will be subject to their standard Conditions of Business, copies of which are available at Bonhams or from Box Brothers directly.

Auction Results

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

**The number of auction catalogs and sales listed for a subscription are strictly estimates. We are not responsible for refunds or credits if the number of sales alters from the estimate. Some of the above categories may include our auctions in other locations.

Send Catalo	ogs to:			
Name				
Address				
City	State Zip Country			
	Fax			
E-mail				
Client Number (internal use only)				

Method of Payment				
☐ Check/Money Order enclosed for \$:				
Payable to Bonhams & Butterfields ☐ Visa ☐ Mastercard ☐ American Express				
Card Number	16-digit Number			
Expiration Date/				
Cardholder Name				
Address				
City 5	State Zip Country			
Signature	Date			

CONTACTS

OFFICERS

Malcolm Barber Co-Chairman

Matthew Girling Chief Executive Officer

Laura King Pfaff • Chairman Emeritus

Leslie Wright Vice President, Trusts and Estates

Vice President, Business Development

Vice Presidents, Specialists Rupert Banner Mark Fisher Dessa Goddard Jakob Greisen Bruce MacLaren Scot Levitt Mark Osborne Brooke Sivo Catherine Williamson

REPRESENTATIVES

Arizona

Terri Adrian-Hardy, (602) 859 1843

California

David Daniel (916) 364 1645, Central Valley

California

Brooke Sivo (760) 350 4255, Palm Springs (323) 436 5420, San Diego

Colorado

Lance Vigil (720) 355 3737, Denver colorado@bonhams.com

Florida

Jon King (561) 651 7876, Palm Beach (305) 228 6600, Miami (954) 566 1630, Ft. Lauderdale

Georgia

Mary Moore Bethea, (470) 393 7322 •

Illinois

Ricki Harris (773) 267 3300, (773) 680 2881

Massachusetts/New England Amy Corcoran, (617) 742 0909

Nevada

David Daniel, (775) 831 0330

Oregon and Idaho

Sheryl Acheson, (971) 727 7797

Texas, Oklahoma and Louisiana Amy Lawch, (713) 621 5988 •

Virginia and Washington DC

Gertraud Hechl, (202) 422 2733 •

Washington

Heather O'Mahony, (206) 566 3913

Canada, Toronto, Ontario

Kristin Hayashi, (416) 462 3741 •

Montreal, Quebec

David Kelsey, (514) 894 1138 •

BONHAMS * **NEW YORK DEPARTMENTS** 580 Madison Avenue New York, New York 10022 (212) 644 9001

Books & Manuscripts

lan Ehling, (212) 644 9094 Darren Sutherland, (212) 461 6531

Chinese Works of Art & Paintings Bruce MacLaren, (917) 206 1677 Ming Hua, (646) 837 8132

Collectors' Motorcars & Motorcycles

Rupert Banner, (212) 461 6515 Eric Minoff, (917) 206 1630 Evan Ide, (917) 340 4657 Michael Caimano, (917) 206 1615

Fine Art

American

Jennifer Jacobsen, (917) 206 1699 Elizabeth Goodridge, (917) 206 1621

Contemporary
Jeremy Goldsmith. (917) 206 1656 Megan Murphy, (212) 644 9020

European Paintings

Madalina Lazen, (212) 644 9108

Impressionist & Modern

Caitlyn Pickens, (212) 644 9135

Himalayan Art

Mark Rasmussen, (917) 206 1688

Japanese Works of Art

Jeff Olson, (212) 461 6516

Jewelrv

Caroline Morrissey, (212) 644 9046 Camille Barbier, (212) 644 9035

Modern Decorative Arts & Design Benjamin Walker, (212) 710 1306

Dan Tolson, (917) 206 1611

Photographs & Prints

Deborah Ripley, (212) 644 9059 Laura Paterson, (917) 206 1653

Russian Fine & Decorative Arts

Yelena Harbick, (212) 644 9136

Trusts & Estates

Sherri Cohen, (917) 206 1671

Watches & Clocks

Jonathan Snellenburg, (212) 461 6530

BONHAMS * SAN FRANCISCO DEPARTMENTS 220 San Bruno Avenue San Francisco California 94103 (415) 861 7500

20th Century Fine Art

Dane Jensen, (415) 503 3311

Arms & Armor

Paul Carella, (415) 503 3360

Asian Works of Art

Dessa Goddard, (415) 503 3333

Books & Manuscripts

Adam Stackhouse, (415) 503 3266

Chinese Works of Art

Daniel Herskee, (415) 503 3271

Jewelry & Watches

Shannon Beck, (415) 503 3306

Collectors' Motorcars & Motorcycles

Mark Osborne, (415) 503 3353 Jakob Greisen, (415) 503 3284

Museum Services

Laura King Pfaff, (415) 503 3210

Native American Art

Ingmars Lindbergs, (415) 503 3393

California & Western Paintings & Sculpture

Aaron Bastian, (415) 503 3241 Christine Skinner, (415) 503 3400

Photographs & Prints

Morisa Rosenberg, (415) 503 3259

Space History

Adam Stackhouse, (415) 503 3266

Trusts & Estates

Victoria Richardson, (415) 503 3207 Celeste Smith, (415) 503 3214

Wine

Erin McGrath, (415) 503 3319

BONHAMS * LOS ANGELES DEPARTMENTS 7601 W. Sunset Boulevard Los Angeles California 90046 (323) 850 7500

20th Century Decorative Arts

Angela Past, (323) 436 5422 Jason Stein, (323) 436 5466

20th Century Fine Art

Alexis Chompaisal, (323) 436 5469

African, Oceanic & Pre-Columbian Art Fredric W. Backlar, (323) 436 5416 •

Books & Manuscripts

Catherine Williamson, (323) 436 5442

Coins & Banknotes

Paul Song, (323) 436 5455

Contemporary Art

Dane Jensen, (323) 436 5451

Entertainment Memorabilia

Catherine Williamson, (323) 436 5442 Dana Hawkes, (978) 283 1518

Furniture, Decorative Arts & Ceramics

Andrew Jones, (323) 436 5432 Jennifer Kurtz, (323) 436 5478

Jewelry & Watches

Dana Ehrman, (323) 436 5407 Alexis Vourvoulis, (323) 436 5483

Collectors' Motorcars & Motorcycles Andrew Barrett. (323) 436 5450

Photographs & Prints

Morisa Rosenberg, (323) 436 5435

Natural History

Thomas E. Lindgren, (310) 469 8567 • Claudia Florian, G.J.G., (323) 436 5437 •

California & Western Paintings & Sculpture

Scot Levitt, (323) 436 5425 Kathy Wong, (323) 436 5415

European Paintings

Mark Fisher, (323) 436 5488

Silver

Aileen Ward, (323) 436 5463

Trusts & Estates

Leslie Wright, (323) 436 5408 Joseph Francaviglia, (323) 436 5443

* Indicates saleroom

Indicates independent contractor

CLIENT SERVICES DEPARTMENT

San Francisco

(415) 861 7500 (415) 861 8951 fax

Monday - Friday, 9am to 5pm

Los Angeles

(323) 850 7500 (323) 850 6090 fax

Monday - Friday, 9am to 5pm

New York

(212) 644 9001 (212) 644 9009 fax

(800) 223 2854

Monday - Friday, 9am to 5pm Toll Free

The following information is recorded and available 24 hours a day, 7 days a week, through our telephone system:

- Auction and Preview Information
- Directions to Bonhams's salesrooms
- Automated Auction Results

Your signature:

		1			
\square		h		0	
	U		O	M	3

			Sala title. Lapidary Works of Art, Gemstones and	Colo	date: Wednesday May 16, 2018	
			Sale title: Minerals			
addle number (for offic	e use only	<i>(</i>)	Sale no. 24619	Sale	venue: Los Angeles	
General Notice: This sale will with Bonhams Conditions of buying at the sale will be governotions. Please read the Conditions. Please read the Covith the Buyer's Guide relating bublished notices and terms arayment by personal or busing released upon the conditions of the conditions and the conditions are the conditions of the conditions are the conditions of the condit	Sale, and you erned by suc conditions of g to this sale relating to bi- ess check m ntil purchase	ur bidding and th terms and Sale in conjunction and other dding. ay result in your funds clear our	\$10 - 200	\$20,000 \$50,000 \$100,000 above \$2	- 20,000by 1,000s - 50,000by 2,000 / 5,000 / 8,000s - 100,000by 5,000s 0 - 200,000by 10,000s 00,000at the auctioneer's discretion oneer has discretion to split any bid at any time	
Notice to Absentee Bidders:	In the table	below, please	Customer Number	Title		
rovide details of the lots on veast 24 hours prior to the sale	which you wis	sh to place bids at	First Name	Last	Name	
the nearest increment. Plea e catalog for further informa	se refer to th	e Buyer's Guide in	Company name (to be invoiced if applicable)			
onhams to execute absented will endeavor to execute bids	e bids on you	ır behalf. Bonhams	Address			
able for any errors or non-ex			City	Cour	nty / State	
Notice to First Time Bidder provide photographic proof of			Post / Zip code	Cour	ntry	
ard, together with proof of ac ard statement etc. Corporate	ddress - utility clients shou	bill, bank or credit Id also provide a	Telephone mobile	Telep	phone daytime	
opy of their articles of association			Telephone evening	Fax		
d on the company's behalf. I your bids not being process so be asked to provide a bar	ed. For highe	er value lots you may	Telephone bidders: indicate primary and secondary contact numbers by writing ① or ② next to the telephone number.			
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)			E-mail (in capitals) By providing your email address above, you authorize Bonhams to send you marketing materials and news concerning Bonland partner organizations. Bonhams does not sell or trade email addresses. I am registering to bid as a private client I am registering to bid as a trade client			
			Resale: please enter your resale license number here We may contact you for additional information			
Please email or fax the compequested information to:	pleted Regis	tration Form and	SH SH	IPPING		
onhams Client Services Depa 601 W. Sunset Blvd os Angeles, California 90046	rtment		Shipping Address (if different than above): Address: Country:			
Tel +1 (323) 850 7500 Tax +1 (323) 850 6090			City:	Post/ZIF	Pcode:	
ids.us@bonhams.com			Please note that all telephone calls are recor	ded.		
		(In the event of any	discrepancy, lot number and not lot description will govern the there is no need to complete this section.		MAX bid in US\$ (excluding premium and applicable tax) Emergency bid for telephone bidders only	
ou instruct us to execute mount indicated above.	each absen	tee bid up to the cor			Ve of Buyer's Premium and tax) to be executed tact you by telephone or should the connection	

Date:



Bonhams

7601 W. Sunset Boulevard Los Angeles, California 90046

- +1 323 850 7500 +1 323 850 6090 (fax)

