

Gems, Minerals, Lapidary Works of Art and Natural History

Tuesday May 20, 2014 at 10am Los Angeles

Bonhams

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

Preview

Friday May 16, 12pm to 5pm Saturday May 17, 12pm to 5pm Sunday May 18, 12pm to 5pm Monday May 19, 12pm to 5pm

Bids

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

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

Sale Number: 21649 Lots 1001 - 1431

Catalog: \$35

Inquiries

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Online bidding will be available for this auction. For further information please visit: www.bonhams.com/21649

Please see pages 2 to 6 for bidder information including Conditions of Sale, after-sale collection and shipment.

Illustrations

Front cover: Lot 1032 First session page: Lot 1069 Second session page: Lot 1174 Third session page: Lot 1315 Fourth session page: Lot 1420

Back cover: Lot 1425

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 Thursday May 22, 2014.
- 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:

1050	1128	1402
1053	1143	1403
1065	1186	1404
1066	1187	1406
1069	1197	1407
1070	1198	1415
1071	1204	1416
1089	1205	1418
1095	1214	1420
1096	1390	1423
1097	1391	1425
1100	1392	1426
1105	1393	1429
1116	1399	1430
1117	1400	1431
1121	1401	

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 \$100,000 OF THE BID PRICE, 20% OF THE AMOUNT OF THE BID PRICE ABOVE \$100,000 UP TO AND INCLUDING \$2,000,000, AND 12% OF THE AMOUNT OF THE BID PRICE OVER \$2,000,000, and (c) unless the purchaser is exempt by law from the payment thereof, any California, Arizona, Colorado, Connecticut, Florida, Georgia, Illinois, Massachusetts, Nevada, New York, Pennsylvania, Texas, Washington, D.C., Washington state, or other state or local sales tax (or compensating use tax) and other applicable taxes.
- 2. On the fall of the auctioneer's hammer, the highest bidder shall have purchased the offered lot in accordance and subject to compliance with all of the conditions set forth herein and (a) assumes full risk and responsibility therefor, (b) if requested will sign a confirmation of purchase, and (c) will pay the purchase price in full or such part as we may require for all lots purchased. No lot may be transferred. Any person placing a bid as agent on behalf of another (whether or not such person has disclosed that fact or the identity of the principal) may be jointly and severally liable with the principal under any contract resulting from the acceptance of a bid.

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

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

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

- sales, our commission at our standard rates, all other charges due hereunder, attorneys' fees, expenses and incidental damages. In addition, where two or more amounts are owed in respect of different transactions by the purchaser to us, to Bonhams 1793 Limited and/ or to any of our other affiliates, subsidiaries or parent companies worldwide within the Bonhams Group, we reserve the right to apply any monies paid in respect of a transaction to discharge any amount owed by the purchaser. If all fees, commissions, premiums, bid price and other sums due to us from the purchaser are not paid promptly as provided in these Conditions of Sale, we reserve the right to impose a finance charge equal to 1.5% per month on all amounts due to us beginning on the 31st day following the sale until payment is received, in addition to other remedies available to us by law.
- 3. We reserve the right to withdraw any property and to divide and combine lots at any time before such property's auction. Unless otherwise announced by the auctioneer at the time of sale, all bids are per lot as numbered in the catalog and no lots shall be divided or combined for sale.
- 4. We reserve the right to reject a bid from any bidder, to split any bidding increment, and to advance the bidding in any manner the auctioneer may decide. In the event of any dispute between bidders, or in the event the auctioneer doubts the validity of any bid, the auctioneer shall have sole and final discretion either to determine the successful bidder or to re-offer and resell the article in dispute. If any dispute arises after the sale, our sales records shall be conclusive in all respects.
- 5. If we are prevented by fire, theft or any other reason whatsoever from delivering any property to the purchaser or a sale otherwise cannot be completed, our liability shall be limited to the sum actually paid therefor by the purchaser and shall in no event include any compensatory, incidental or consequential damages.
- 6. If a lot is offered subject to a reserve, we may implement such reserve by bidding on behalf of the consignor, whether by opening bidding or continuing bidding in response to other bidders until reaching the reserve. If we have an interest in an offered lot and the proceeds therefrom other than our commissions, we may bid therefor to protect such interest. CONSIGNORS ARE NOT ALLOWED TO BID ON THEIR OWN ITEMS.
- 7. All statements contained in the catalog or in any bill of sale, condition report, invoice or elsewhere as to authorship, period, culture, source, origin, measurement, quality, rarity, provenance, importance, exhibition and literature of historical relevance, or physical condition ARE QUALIFIED STATEMENTS OF OPINION AND NOT REPRESENTATIONS OR WARRANTIES. No employee or agent of Bonhams is authorized to make on our behalf or on that of the consignor any representation or warranty, oral or written, with respect to any property.
- 8. All purchased property shall be removed from the premises at which the sale is conducted by the date(s) and time(s) set forth in the "Buyer's Guide" portion of this catalog. Property designated with a "W" and associated purchased lots, if not removed promptly following sale, will be transferred to an offsite warehouse at the purchaser's risk and expense, as set forth in more detail in the "Buyer's Guide." Purchased property that is permitted to remain onsite at Bonhams' facility should be removed at the purchaser's expense not later than 5:00 p.m. Pacific Time five (5) business days following the date of the sale. If not so removed, a storage fee of \$5.00 per lot per day will be payable to us by the purchaser beginning at the close of the

- 21st day following the sale, and we may thereafter transfer such property to an offsite warehouse at the purchaser's risk and expense. Accounts must be settled in full before property will be released. Packing and handling of purchased lots are the responsibility of the purchaser. Bonhams can provide packing and shipping services for certain items as noted in the "Buyer's Guide" section of the catalog.
- 9. The copyright in the text of the catalog and the photographs, digital images and illustrations of lots in the catalog belong to Bonhams or its licensors. You will not reproduce or permit anyone else to reproduce such text, photographs, digital images or illustrations without our prior written consent.
- 10. These Conditions of Sale shall bind the successors and assigns of all bidders and purchasers and inure to the benefit of our successors and assigns. No waiver, amendment or modification of the terms hereof (other than posted notices or oral announcements during the sale) shall bind us unless specifically stated in writing and signed by us. If any part of these Conditions of Sale is for any reason invalid or unenforceable, the rest shall remain valid and enforceable.
- 11. These Conditions of Sale and the purchaser's and our respective rights and obligations hereunder are governed by the laws of the State of California. By bidding at an auction, each purchaser and bidder agrees to be bound by these Conditions of Sale. Any dispute, controversy or claim arising out of or relating to this agreement, or the breach, termination or validity thereof, brought by or against Bonhams (but not including claims brought against the consignor by the purchaser of lots consigned hereunder) shall be resolved by the procedures set forth below.

Mediation and Arbitration Procedures

- (a) Within 30 days of written notice that there is a dispute, the parties or their authorized and empowered representatives shall meet by telephone and/or in person to mediate their differences. If the parties agree, a mutually acceptable mediator shall be selected and the parties will equally share such mediator's fees. The mediator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling mediations. Any communications made during the mediation process shall not be admissible in any subsequent arbitration, mediation or judicial proceeding. All proceedings and any resolutions thereof shall be confidential, and the terms governing arbitration set forth in paragraph (c) below shall govern.
- (b) If mediation does not resolve all disputes between the parties, or in any event no longer than 60 days after receipt of the written notice of dispute referred to above, the parties shall submit the dispute for binding arbitration before a single neutral arbitrator. Such arbitrator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling arbitrations. Such arbitrator shall make all appropriate disclosures required by law. The arbitrator shall be drawn from a panel of a national arbitration service agreed to by the parties, and shall be selected as follows: (i) If the national arbitration service has specific rules or procedures, those rules or procedures shall be followed; (ii) If the national arbitration service does not have rules or procedures for the selection of an arbitrator, the arbitrator shall be an individual jointly agreed to by the parties. If the parties cannot agree on a national arbitration service, the arbitration shall be conducted by the American Arbitration Association, and the arbitrator shall be selected in accordance with the Rules of the American Arbitration Association. The arbitrator's award shall be in writing and shall set forth findings of fact and legal conclusions.

CONDITIONS OF SALE - CONTINUED

- (c) Unless otherwise agreed to by the parties or provided by the published rules of the national arbitration service:
- (i) the arbitration shall occur within 60 days following the selection of the arbitrator;
- (ii) the arbitration shall be conducted in the designated location, as follows: (A) in any case in which the subject auction by Bonhams took place or was scheduled to take place in the State of New York or Connecticut or the Commonwealth of Massachusetts, the arbitration shall take place in New York City, New York; (B) in all other cases, the arbitration shall take place in the city of San Francisco, California; and
- (iii) discovery and the procedure for the arbitration shall be as follows:
- (A) All arbitration proceedings shall be confidential;
- (B) The parties shall submit written briefs to the arbitrator no later than 15 days before the arbitration commences;
- (C) Discovery, if any, shall be limited as follows: (I) Requests for no more than 10 categories of documents, to be provided to the requesting party within 14 days of written request therefor; (II) No more than two (2) depositions per party, provided however, the deposition(s) are to be completed within one (1) day; (III) Compliance with the above shall be enforced by the arbitrator in accordance with California law;
- (D) Each party shall have no longer than eight (8) hours to present its position. The entire hearing before the arbitrator shall not take longer than three (3) consecutive days;
- (E) The award shall be made in writing no more than 30 days following the end of the proceeding. Judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof.

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

Limited Right of Rescission

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

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

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

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

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

Limitation of Liability

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

SELLER'S GUIDE

SELLING AT AUCTION

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

Auction Estimates

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

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

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

Consigning Your Property

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

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

Professional Appraisal Services

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

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

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

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

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

Estate Services

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

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

BUYER'S GUIDE

BIDDING & BUYING AT AUCTION

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

Catalogs

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

Previews

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

Estimates

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

Reserves

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

BIDDING AT AUCTION

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

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

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

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

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

In Persor

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/21649 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:

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

California, Arizona, Colorado, Connecticut, Florida, Georgia, Illinois, Nevada, New York, Massachusetts, Pennsylvania, Texas, Washington DC and Washington state residents must pay applicable sales tax. Other state or local taxes (or compensating 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 above. 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, Jewelly, Natural History, Collectibles, 20th Century, Decorative Arts, Rugs, Native American 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.

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Idar-Oberstein—500 Years of Gem Carving History

The town of Idar-Oberstein, located in a scenic valley of the Hunsrück Mountains in the western part of Germany, is actually a pair of villages a few miles apart which were politically joined in 1933. Oberstein is known for its jewelry manufacturing and Idar is the gem cutting center. Little known to Americans except those in the gem trade, in Europe, this town is known as the "gemstone city" or *Edelsteinstadt* and has become an increasingly popular tourist destination.

Historical records indicate that its 500-year-plus history and remarkable traditions of gemstone cutting developed when miners found agates and amethyst crystals in Miocene-age basalt formations nearby. However, many cutters in Idar claim that agate mining and cutting dates back to Roman times, due to evidence of some Roman settlements not far away and a Roman road that runs near an important source of cutting material.

Today the manufacturing there includes various cut gems, although originally, the industry was founded only on the local deposits—particularly agate —but also jasper, rock crystal, amethyst, and smoky quartz.

The city's development of the agate industry, in the beginning of the 16th century, was based on these mineral deposits, the availability of local sandstone used for the cutting and polishing wheels, and water power to work the wheels. By the 1700s, there were about 15 workshops cutting agate which used the nearby Nahe River for energy—a number which doubled by the year 1800. However, when dwindling local agate deposits caused a slow down in the industry and many cutters left the area. These emigrants discovered large agate deposits in Brazil, they brought the material back and the cutting industry again began to flourish. By the late 19th Century as many as 150 cutting shops were in existence and the industry expanded from cutting agate and jasper into carving various types of stone objects such as dishes, goblets, bowls, snuff boxes, cane heads, parasol handles, fancy buttons, and even beads.

Now a town of about 50,000 inhabitants, Idar-Oberstein is recognized as the most significant European cutting center for gemstones, other than diamond—and some of the original family businesses are still in existence. The German Gemstone Museum (*Deutsches Edelsteinmuseum*), situated there, devoted entirely to the display of minerals and cut gems, jewelry, and carvings, is considered by many connoisseurs to be the best of its kind in the world.











1004

Lapidary Works of Art

1001

Branch of Red Raspberries in a Vase By Georg Wild

Idar-Oberstein, Germany

Typical of the flower studies produced in Idar-Oberstein over the last century, the present example displays berries carved of Russian pink rhodonite and leaves of nephrite jade. The stems are fabricated of 18K gold, elegantly emerging from a carved and polished rock crystal quartz vase which gives the illusion of a "water" line. This is a re-creation of the Fabergé work that resides in the Royal Collection of Her Majesty Queen Elizabeth II. Height 61/2in

\$1,200 - 1,500

Japonica Flower Study

By Georg Wild

Idar-Oberstein, Germany

Of classic form, with flowers carved from white chalcedony, centering on tiny diamonds set in gold. The leaves are carved of jade, the stem is fabricated of 18K gold emerging from a vase carved of a single quartz crystal giving the illusion of water in the transparent vase. This is a re-creation of a Fabergé work pictured in the book on Fabergé by Kenneth Snowman (Plate 300). Height 61/2in

\$1,500 - 2,000

Gemstone Carving of a Pig

By Georg Wild

Idar-Oberstein, Germany

The porcine figure carved of natural pink eosite with veining, with pink sapphire eyes. Length 5in \$500 - 800

1004

Muscovy Duck

By Georg Wild

Idar-Oberstein, Germany

A small cabinet piece, assembled from finely fitted blue and gold tiger's eye, mottled jasper and iridescent white feldspar. The beak carved of jasper, the eyes set with diamonds. Mounted with 18K gold feet, on a base cut and polished from a single translucent aquamarine slab. Length 2 1/2 in

\$600 - 800









1007 1008

1005

Blue Chalcedony Carving of an Ostrich

By Georg Wild

Idar-Oberstein, Germany

The elegant bird carved of natural blue chalcedony, inset with diamond eyes, on 18K yellow gold legs, *stamped 750*. *Height 3in*

\$500 - 800

1006

Blue Chalcedony Carving of a Heron

By Georg Wild

Idar-Oberstein, Germany

Translucent natural blue chalcedony has been used in this carving depicting a heron, with black obsidian beak, raised on silver-gilt legs, on a wooden base which is not original, *signed GW 10026*. *Height 3 ½in* \$300 - 500

Without Reserve

1007

Agate Carving of a Kiwi

By Robert Juchem

Idar-Oberstein, Germany

The body carved of banded agate, legs and beak of 18K yellow gold. Set with diamond eyes. Stamped 750 for 18K gold. Signed and numbered 185. Height 2 1/4in

\$800 - 1,200

1008

Agate Carving of a Kangaroo

By Georg Wild

Idar-Oberstein, Germany

Carved of translucent banded carnelian agate, the eyes are inset with rubies. Length 3 ¼in

\$400 - 600











1013A





Two Brown Obsidian Carvings: a Chimpanzee and a Mandrill

By Georg Wild

Idar-Oberstein, Germany

The crouching chimpanzee, realistically carved of rich brown obsidian, highlighted with white agate teeth and eyes, monogram GW for George Wild and numbered 9443. Height 3 ¼ in; together with a Mandrill, also by Georg Wild, Idar-Oberstein, Germany, carved of mahogany brown obsidian with diamond eyes and chalcedony teeth, the mouth lined with red rhodonite, Signed GW with number 9525. Height 3in (2)

\$800 - 1,200

1010

Jasper Carving of a Camel

By Georg Wild

Idar-Oberstein, Germany

Carved of a single piece of Kalahari jasper, with realistic texturing of the hide. *Numbered 10108, signed GW for Georg Wild. Height 4in*

\$500 - 800

1011

Family of Three Penguins on an Ice Floe By Georg Wild

Idar-Oberstein, Germany

Depicting two adult penguins and one offspring, assembled from carved and polished black and white agate, with bull's-eye agate eyes. The family rests upon a slab of natural rock crystal quartz suggesting an "ice floe". Each penguin signed GW and individually numbered: 9840, 9843 and 9844. Height 5in

\$800 - 1,200

1012

Nephrite Carving of a Snail

By Georg Wild

Idar-Oberstein, Germany

Carved from a single piece of rich green Russian nephrite, the moist quality of the snail's texture is realistically captured, monogram GW and numbered 1325. Length 4 3/4in

\$300 - 500

1013

Two Nephrite and Gold Mounted Eggs

Idar-Oberstein, Germany

Fabricated in the style of Carl Fabergé's Easter eggs, each carved of bright green Russian nephrite, caged in Rococo style scrolling motif 18K yellow gold mount, *Height 2 3/8 in. Total height with gilt-metal stand: 3in* (2)

\$1,500 - 2,000

1013A

Charming Tourmaline Lovebird Pendant

By Gerhard Becker

Idar-Oberstein, Germany

Two carved tourmaline lovebirds sit within an 18K yellow gold bird swing. The first bird carved of green tourmaline with a pink tail, the second, carved of pink tourmaline with a green tail, both with gold feet. The bail mounted with a near-colorless round brilliant in 18K yellow gold. Height of each bird: 20mm; Height of pendant 2in

\$1,700 - 2,000

1014

Azur-Malachite Carving of a Lorikeet

By Eberhardt Bank

Idar-Oberstein, Germany

This realistic, fine-quality carving formed of azur-malachite, is complete with naturalistic texturing of the wings and feathers. The bird sits perched on a large base of "dog tooth" calcite on matrix. With gold vermeil feet and jasper beak. *Height 11 1/2in*

\$7,500 - 9,500

1015

Rubellite Tourmaline Carving of a Heron Eberhardt Bank

Idar-Oberstein, Germany

Vivid, hot pinkish red rubellite tourmaline of large size has been utilized in this fine, museum-quality carving of a heron. The rock crystal base evokes the appearance of the waters of the pond. Set with a green tourmaline beak, inset diamond eyes, 18K yellow gold borders, EB monogram signature. Height 6in

\$8,000 - 10,000

1016

Petrified Wood Carving of a Squirrel with Brown Obsidian Walnut

By Reiner Stein

Idar-Oberstein, Germany

Carved from Arizona petrified wood, rich in reddish tones and capable of taking a high polish, this charming figure of a squirrel is realistically rendered as he contemplates a carved brown obsidian walnut. *Height 3 1/2in* \$1,000 - 1,500

1017

Agate Carving of a Frog

By Eric Klos

Idar-Oberstein, Germany

Carved by an old-time Idar master, the rich hues of multi-color agate are fully utilized in this excellent carving of a frog with its naturalistically rendered textured skin. *Length 3in*

\$600 - 800



1015



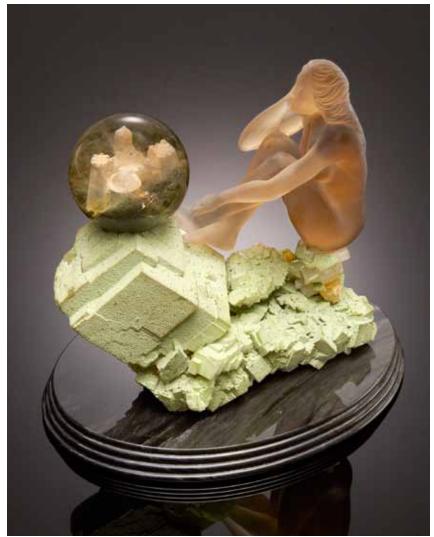
1016













1018

Group of 48 Carved Mineral Eggs

Idar-Oberstein, Germany

Carved from a variety of mineral species including quartzes, agates, jaspers, etc. Each approximately: 60mm (48)

\$1,000 - 1,500

1019

Rutilated Quartz and Gold Vermeil Globe

Idar-Oberstein, Germany

Incorporating a fine quality rutilated quartz sphere, measuring 70mm, having etched continents, embellished with gold leaf. Raised on a giltmetal stand. Height 5in

\$2,500 - 3,500

Brown Obsidian Carving of the "Three Wise Monkeys"

By Christopher Schmidt, retailed by Robert Juchem Idar-Oberstein, Germany

Carved from a single specimen of Russian brown obsidian, the three depict the wise monkeys: "hear no evil", "see no evil" and "speak no evil". Length 6in

\$2,500 - 3,500

Carved Citrine Figure of a Woman--"Traum Schloss: Dream Castle" By Manfred Wild

Idar-Oberstein, Germany

A unique combination of fantasy, lapidary work and minerology: comprising a citrine carving of a female figure as she sits and contemplates a globe carved of smoky quartz having green chlorite inclusions. The globe has been reverse carved to depict a castle with towers to the interior. They rest upon a green calcite specimen, raised upon a grooved obsidian base, signed EB for Emil Becker and M. Wild. Length 6in

\$12,000 - 15,000

Rose Quartz Carving of a Putto

By Richard Hahn and Manfred Wild

Idar-Oberstein, Germany

Richard Hahn's Lapidary work is considered by his followers to be some of the finest ever produced in Idar-Oberstein. His masterpieces are prominently featured in the Gemstone Museum in Idar. The present example, depicts a cherub carved of gem-quality, highly translucent rose quartz with no veining, raised on a tapering base of rock crystal quartz by Manfred Wild. Height 5 1/2in

\$3,500 - 5,500





1023

Rock Crystal Reverse Intaglio Carving with Citrine Lions on a Black Obsidian Base--"Cleopatra on the Temple Steps"

By Dieter Roth and Manfred Wild

Idar-Oberstein, Germany

Near-flawless rock crystal quartz has been utilized by artist Dieter Roth in this carving which depicts Cleopatra on the Temple Steps. The plaque is set atop two carved citrine lions, placed upon a black obsidian base above a rock crystal plinth, signed Dieter Roth and monogram EB for Emil Becker and M. Wild. Length 7in

\$9,000 - 12,000

1024

Flower Study with Frog--"The Frog King"

By Manfred Wild

Idar-Oberstein, Germany

This diminutive flower study is sure to delight: The removable natural rock crystal globe acts as a "terrarium" to enclose the tiny frog carved of peridot with an 18K yellow gold crown atop his head. He touches a small white seed pearl which appears to be a dew drop on the water lily. The water lily itself is carved of rose quartz and rests on a lily pad carved of Russian nephrite. The flower bucket carved of Kalahari jasper, the pattern of which here is used to imitate wood grain, bears bands of 18K yellow gold, signed with monogram EB for Emil Becker and M. Wild. Height 3in \$8,000 - 10,000

1024





1025 Enamel and Gemstone "Egg Creation" with Removable Flower-form Brooch By Manfred Wild

Idar-Oberstein, Germany

The egg of light green guilloché enamel on sterling silver, the settings of 18K gold, topped by a multi-color tourmaline flowers and with an additional flower as a thumbpiece, together weighing approximately 13.07 carats. The egg rests upon a base of highly transparent polished citrine, with 18K gold fittings from which emerges four rock crystal dogwood flower petals within 18K yellow gold leaves and three flower petals carved of orange calcite, centering on a "stamen" of 48 faceted Mandarin garnets, weighing approximately 2.48 carats.

The hinged lid of the egg opening to reveal an interior which is entirely gold, upon which rests a removable flower brooch composed of a carved tourmaline flowers, leaves and cabochons, accented with five circular brilliant-cut diamonds, weighing approximately 0.42 carats, all mounted in 18K gold, weighing approximately 153 grams. Signed with monogram EB for Emil Becker and M. Wild. Height 7in (2)

\$70,000 - 90,000





1025 (detail)



1026



1027



1028

Labradorite Carving of a Pair of Owls on a Geode

By Manfred Wild

Idar-Oberstein, Germany

A fine pair of owls carved from Madagascar labradorite, rich in the phenomenal characteristics of this remarkable gemstone which displays an ever-changing sheen, so suitable for the rendering of bird's feathers. With gold vermeil feet resting upon a geode lined with lavender amethyst crystals and calcites. *Length 6in*

\$2,500 - 3,500

1027

Picture Jasper Carving of a Duck

By Manfred Wild

Idar-Oberstein, Germany

The rich variations in tone of this fine specimen of Kalahari jasper successfully evoke the autumnal colors of the plumage of the duck. With black onyx carved beak. Signed EB for Emil Becker and M. Wild. Length 5 1/2in

\$1,500 - 2,000

1028

Carved Citrine Chick Emerging from an Agate Geode Egg

By Manfred Wild

Idar-Oberstein, Germany

The chick, carved from a single specimen of bright yellow gem-quality citrine, set with sapphire cabochon eyes; emerging from a natural agate geode. *Length 4in*

\$3,000 - 5,000

1029

Impressive Decorative Clock with Brown Obsidian Carving of Bears By Manfred Wild

Idar-Oberstein, Germany

Depicting a mother bear and her three cubs all carved of Russian brown obsidian, topped by an agate geode egg with a quartz "rose" placed inside housing a decorative clock. The cubs are accented with sapphire eyes while the honey is carved of citrine. The base is carved of Russian black obsidian, with 18K yellow gold fittings, fitted with a quartz movement. Height 13in

\$18,000 - 22,000









1031 (detail)

1030 Rose Quartz Bowl with Removable 18K Gold Floral Ornament

By Manfred Wild

Idar-Oberstein, Germany

The translucent rose quartz bowl, carved and fluted and with an integral foot, *measuring 18.5 x 18.5 cm*, with a removable decoration of a floral branch hand-fabricated from a substantial amount of 18K antiqued yellow gold, having 7 carved natural rock crystal flowers and a bud having a matte frosted finish, accented with 5 faceted rubies. *Signed EB for Emil Becker and M. Wild. Length 5in*

\$15,000 - 20,000

1031

Carved Rock Crystal and Emerald Egg Creation--"Mars"

By Manfred Wild

Idar-Oberstein, Germany

The near-flawless rock crystal quartz carved and fluted, mounted with 18K yellow gold fittings and gold threaded lid. The cover, set with an emerald cabochon finial, opening to reveal a stick pin formed of a fine, bright green emerald, weighing approximately 19.26 carats, depicting the Roman Warrior, Mars. Signed EB for Emil Becker and and M. Wild. emerald cabochon finial. Height 5in

\$6,000 - 8,000













1035

1033 Reverse Intaglio Carved Quartz, Mother-of-Pearl and Rutilated Quartz Box

By Dieter Roth and Manfred Wild Idar-Oberstein, Germany

The hinged lid inset with a reverse intaglio carved quartz depicting putti, backed with mother-of-pearl and bordered by a gold vermeil setting. The circular box itself carved of a single piece of fine quality rutilated quartz having dozens of golden rutile needles. Signed M. Wild and Dieter Roth, EB for Emil Becker, stamped 925. Diameter 3in \$5,000 - 7,000

1034

Reverse Painted Intaglio Box with Rutilated Quartz, Mother-of-Pearl and 18K Gold

By Gabi Pauli and Manfred Wild Idar-Oberstein, Germany

Of paralellogram outline, the hinged lid reverse intaglio carved and painted with an image of a yellow hammer bird feeding a young cuckoo. The rutilated quartz box mounted with a substantial amount of 18K yellow gold fittings, signed EB for Emil Becker and stamped 750. Length 3in \$10,000 - 12,000

1035

Carved Agate Box in the form of a Rabbit's Head

By Manfred Wild

by Marinea Wila

Idar-Oberstein, Germany

Carved from a single large piece of fine-quality translucent, yet variegated natural brown agate, with inset ruby cabochon eyes, the base and piano-hinged lid rimmed in a substantial amount of 18K yellow gold. *Length 3 1/2in*

\$4,500 - 5,500

1036

Reverse Painted Rutilated Quartz Paper Weight

Bv Manfred Wild

Idar-Oberstein, Germany

Of oval outline and fashioned as a slab, carved of a fine quality specimen of rutilated quartz, with dozens of golden rutile needles standing in high-relief against the near-colorless quartz matrix, reverse carved and painted to depict a lizard with spotted skin giving the illusion that the lizard is moving between marsh plants, signed EB for Emil Becker and M. Wild. Length 4in

\$1,200 - 1,500

1037

Spectacular Illuminated Rock Crystal, Gold and Multi-gemset Obelisk

By Manfred Wild

Idar-Oberstein, Germany

This fine obelisk, which is illuminated, is carved of rock crystal and decorated with 93 tourmaline flowers, weighing approximately 621.71 carats; 36 tourmaline leaves, weighing 284.35 carats, and 37 diamonds, weighing 0.41 carats, with 92 bouton pearls. The base of polished Russian obsidian with an inset light, and transformer enclosed, with 361 grams of 18K gold. Height 22 3/4in

\$50,000 - 60,000









1038

Pietra Dura Inlaid Plaque of Two Birds with Pomegranates

Circa 1900

Made in Florence

This fine quality, captivating pietra dura plaque depicts two tropical birds on a tree branch laden with ripe pomegranates, bursting with iridescent red seeds. The piece is composed of various hardstones including malachite, jasper, serpentine, lapis, etc. *Framed, Measuring 17 3/4* x 12 1/2in

\$6,000 - 8,000

1039

Pietra Dura Framed Flower Study

Circa 1900

Made in Florence

Of oval outline, with inlaid gemstones depicting an arrangement of white carnations and blue forget-me-nots, mounted in an oval frame, with ormolu work surmount depicting birds and foliage. Height 8in

\$1,000 - 1,500

1039

Pietra Dura Image on Easel--"Lily of the Valley"

Typical of hard stone inlay work executed in ateliers of Florence, circa 1900, the present example incorporates white agate and nephrite in this composition which depicts a bouquet of lilies of the valley. On an integral gilt easel, signed E. Scoti, Firenze. Height 7in \$800 - 1,000

Property of a French Collector

1041

Collection of Ten Agate And Silver-Gilt Boxes Circa 1920

Idar-Oberstein, Germany

Each with hinged lid, mounted with engineturned silver-gilt, consisting of four examples with banded black agate, one with moss agate, three with banded carnelian agate, and two mottled agate. Length of longest 2in (10) \$2,500 - 3,500

Property of an East Coast Collector

1042

Set of Ten Gemstone-mounted Place **Card Holders**

Depicting a variety of stringed instruments including a harp, a mandolin, a guitar, a lyre, etc., mounted with red jasper, lapis, aventurine quartz, serpentine, rose quartz and other stones, mounted with gilt bronze to the bases. Height 3in

\$2,500 - 3,500

1043

Hawk's Eye Quartz and Silver Cane Handle Circa 1900

England

Consisting of a sphere of rare blue tiger's eye quartz, known in the trade as "hawk's eye" quartz, with a tapering shaft, and ring mechanism of sterling silver, maker's mark WR, Birmingham, engraved Blanche. Length 8in \$800 - 1,000

1044

Moss Agate and Silver Mounted Bell Push Of rectangular outline, carved of moss agate from Russia, with silver reeded decoration and acanthus feet, set with a cabochon stone to the

center. Length 2in \$600 - 800



1041



1042





1044







1047



1046



1048

Property from the Estate of Carey A. Parshall, Stamford, CT

1045

Carved Rock Crystal and Gem-set Sculpture-"The Mayan Warrior"

Depicting a Mayan warrior, carved of rock crystal quartz with polished and matte surfaces, decorated with a large bezel-set turquoise to the front and sides and two applied carved malachite ornaments to the ears. Raised on a black onyx base of tapering form with silver accents at the corners and bezel-set turquoise embellishments. *Height 12in*

\$400 - 600

Without Reserve

Property of an East Coast Collector

1046

Blue Calcite Carving of Fish and Black Turtles A fully three-dimensional carving, viewable on all sides, formed from blue, white and black banded calcite. The natural variations of color have been imaginatively used in the design of the sculpture. Raised on a base. *Height 10 1/2in* \$2,000 - 2,500

1047

Carved Jasper Giraffe with Baby

Noreena Jasper, occurs in the Pilbara region of Western Australia

Carved from a single piece of a highly patterned jasper, reminiscent of a giraffe's hide, depicting a mother and her offspring. Raised on a black stone base. *Height 12in*

\$800 - 1,000

1048

Smoky Quartz Carving of a Lizard

Ural Mountains, Russia

Carved from a single piece of light smoky quartz, the lizard is naturalistically depicted with reptilian texturing of the skin. *Length 7in* \$500 - 700

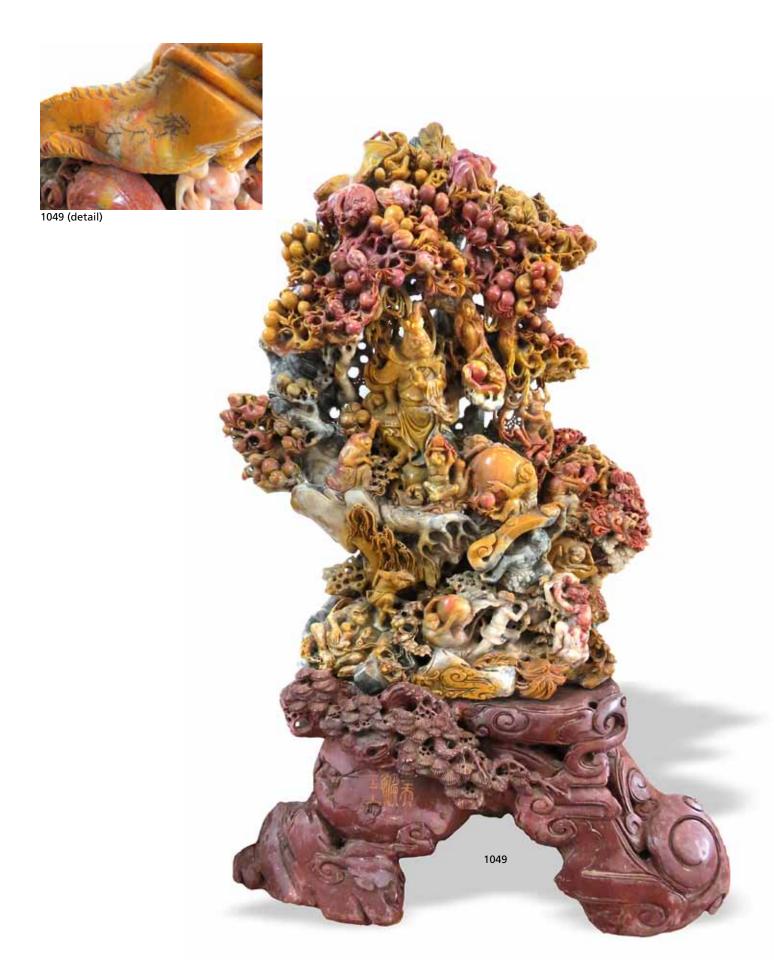
1049

Impressive Soapstone Carving of Monkeys on Base

This is a monumental *Shoushan stone* carving of impressive scale yet featuring intricate detail, which employs all the natural color variations of the mineral, depicting the "Monkey King" with various Chinese traditional emblems and palm trees, foliage, peaches, Ruyi scepter. *Signed with Chinese monogram signature to upper portion and base. Height 48in*

\$8,000 - 10,000

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.









1050

Soapstone Carving of Lychee

Evoking a harvest scene, this *shoushan* stone carving possesses natural russet, mustard and other earth tones. It is carved in the traditional Chinese manner with depictions of birds, berries, foliage. *Height 18in*

\$2,000 - 3,000

1051

Carved Turquoise Peach on Wooden Stand Of a rich robin's egg blue hue, the most likely source for this turquoise is Persia. Carved in the traditional Chinese manner to depict a peach, with fine naturalistic rendering of the leaves. Height 2in

\$800 - 1,000

Offered on a wooden stand. (Not illustrated)

1052



Property of a European Collector

1052

\$8,000 - 10,000

Exceptionally Rare Carved Greenland Ruby Depicting an Apple By Nicolai Appel Greenland

Native Greenlanders or Inuit ("eskimo") people had a centuries old awareness of the ruby deposits of Greenland; they had scooped up rubies while they hunted or gathered berries. Their love of the stone was deeply embedded in their culture and one writer has said "In a land where the winter sun will only rise for an hour a day, the ruby, to the Inuit, holds "the divine flame that never goes out." However, these limited deposits are little known to collectors outside of that region. This unique carving, depicting an apple, is rendered from a single specimen of ruby from the rare locality of Greenland, weighing approximately 1425 carats. The Danish goldsmith Nicolai Appel, who frequently works with floral and naturalistic themes, was struck by the rich redness of the mineral and was inspired to depict the fruit. The surface has been honed to a fine polish, not an easy feat to achieve with a hard mineral like corundum. The carving is surmounted with an 18K yellow gold leaf that is removable. Signed Appel and hallmarked, stamped 750. Height 2 1/2in

Accompanied by a government letter of authenticity from Greenland and an export permit from Greenland.

Property of a Texas Collector

1053

Companion Pair of Carved Marble Horses' Heads Circa 1900

Bikaner, Rajashstan

These horse heads once originated from the private collection of His Highness, the Late Narendra Singh Ji, Maharaja of Bikaner, Western india. A lover of horses and dogs, these were a part of the Maharaja's collection of horse carvings. Made from pristine white marble, probably originating from the same quarries that were the source for the marbles for the Taj Mahal. Differently proportioned, they most likely represent a male and a female pair...The style of carving suggests a strong European influence as the Maharajas were hugely influenced by Europe. Each of these stylized carvings is an imposing and unique piece. Measuring 22 1/4 x 18 x 7in and 18 x 16 x 5 1/2in (2)

\$25,000 - 35,000



1054



1054 (reverse)

Property of an Australian Collector

1054

Aquamarine Free-form Carving

By David Benham

Adelaide, Australia

David Benham is a jeweller, toolmaker, teacher and self taught gemstone carver from Adelaide, South Australia. He has over 25 years of experience carving and polishing 3-D baroque shaped coloured stones of all sorts to the very highest standard of finish. Benham developed his skills at the behest of local Swiss-Australian carving virtuoso Bruno Moser, for whom he became head polisher. Characterized by a superb mirror-bright polish, rich sea blue color, near-flawless clarity, this elegant free form sculpture, carved of fine quality Brazilian aquamarine would create a fine tabletop sculpture or contemplation stone. Weighing approximately 1678.5 carats (335.7 grams) and measuring 9.5 x 7.0 x 4.0mm \$40,000 - 70,000

Accompanied by an American Gemological Laboratories report numbered CS59828 dated 26 March 2014 stating Natural Beryl variety Aquamarine, and that the free-form carving shows no evidence of clarity enhancement with the following comment: non-heated aquamarine is scarce. The color of aquamarine is commonly the result of a relatively low temperature heating process. N/A represents: Not Applicable.



1055

Exceptional Large Chrysoprase Free-form Carving

Marlborough, Australia Carved by David Benham Adelaide, Australia

This free form carving of chrysoprase exemplifies this mineral at its finest--and is certainly worthy of the appelation "gem quality". Suffused with an inner glow that is so elusive--this object of desire possesses translucent "candle" at the edges--that quality of transparency. Not too large to be worn as a pendant by a confident wearer or retained as a fine cabinet piece. Chrysoprase normally forms in very flat seams within matrix therefore a specimen of this thickness, not to mention this quality, is exceptionally rare.

Weighing approximately 533.0 carats and measuring 3 x 2 x 1 1/2in (8 x 6 x 3cm) \$15,000 - 20,000





1056 (reverse)





Property of a California Collector

The Venice Lapidary Guild

A group of gemstone artists who specialized in polishing semi-precious stones, the members of the Venice Lapidary Guild, created wearable jewelry as well as larger decorative pieces known as "table jewelry"-imaginative abstract gemstone sculptures often combined with gold, silver, or wood. Originating in Venice in 1968. The Guild sprang from the vision of Warren Jones, the General Partner, who became a founding member along with John O' Brien, and others such as Mark Bathen and Larry Henley. The group began operation in a building on the Speedway in Venice, California, a city which had become a magnet for artists and other creative types. The Guild later relocated to various places including Echo Park, Topanga Canyon, and the Whole Earth Marketplace in Encino. After setting up a showroom in the Topanga Center in 1974, their work began to garner acclaim in the industry and appear in trade magazines such as Modern Jeweler. By 1978, the effects of cancer had impaired Jones' ability to manage the business. The guild dissolved and the gemstone artists moved on to other endeavors.

1056

Rutilated Quartz Free-form Carving--"The Tree Frog" -- Venice Lapidary Guild "Table Jewelry"

circa 1980

Carved By Mark Bathen, Sterling silver work by Larry Henley Venice Lapidary Guild

Venice, California

A free-form carving of light smoky, yet, water-clear rutilated quartz, having a plethora of golden rutile needle inclusions, weighing approximately 537.5 carats and measuring 3 x 1 3/4 x 3/4in on a freeform, bark-textured sterling silver base, with monogram maker's mark. Height overall: 4in \$1,000 - 1,500

Citrine Free-form Carving on Silver Stand--Venice Lapidary Guild "Table Jewelry"

circa 1970

By an Anonymous Member of the Venice Lapidary Guild Venice, California

A large free-form carving of natural golden yellow Brazilian citrine, weighing approximately 933 carats, on a hand forged sterling silver base which cradles the carving allowing it to stand as a "tabletop jewel". Height 3in \$2,000 - 3,000



Tiger's Eye Quartz Abstract Carving on Wooden Base--Venice Lapidary Guild "Table Jewelry"

circa 1970

By lapidary artist Warren Jones, founder of the Venice Lapidary Guild Venice, California

An abstract, free form carving of tiger's eve quartz, which fully utilizes the chatoyant qualities of the mineral, displaying them to their full advantage, weighing approxmimately 453.0 carats, length 2 1/4 in. Raised on a custom, exotic wood base, selected for its high grain and robust figure. Measures 3 1/4 x 2 1/4 x 2in overall. (2)

\$600 - 800

Provenance: By decent in the family of lapidary artist Warren Jones, founder of the Venice Lapidary Guild

Property of Various Owners

Carved and Inlaid Gemstone Kachina--"The Butterfly Maiden"

Designed by Pedro Jimenez III, "Blue Elk" Sedona, Arizona

Pedro Jimenez III is the only artist who produces Kachinas carved of gemstones. Her face formed of inlaid sections of red spiny oyster shell, her cloak of virgin white Carrera marble, the necklace of Peruvian chrysocolla and and black onyx. The wings inlaid with purple spiny oyster shell from Baja, California, Peruvian chrysocolla, mother-of-pearl, Kalahari jasper, black onyx and turquoise. Raised on a circular base of brown banded aragonite. Numbered 723 and inscribed Butterfly Maiden, Blue Elk, monogramed PJ III. Height 14 1/2in

\$9,000 - 11,000

1060

Carved and Inlaid Gemstone Kachina--"The Butterfly Mana"

Designed by Pedro Jimenez III--"Blue Elk" Sedona, Arizona

Pedro Jimenez III is the only artist who produces Kachinas carved of gemstones. The headpiece decorated with butterfly motifs and inlaid with mother-of-pearl, purple spiny oyster, orange spiny oyster, malachite, chrysocolla and silver. The robes carved of virgin white Carrera marble and decoated with red spiny oyster and malachite. Raised on a circular base of aragonite. Based incised "Butterfly Mana Kachina" and signed Blue Elk, PJ III and numbered 524. Height 19in

\$9,000 - 11,000









1062 1063 1064

Property of an East Coast Collector

1061

Ruby-in-Zoisite Bunny Family on Chrysocolla Base By Luis Alberto Quispe Aparicio

Three rabbits carved of Tanzanian ruby-in-zoisite are realistically carved and placed on a large polished base of bright blue-green Peruvian chrysocolla. With 18K yellow gold fittings. Length 8in \$2,500 - 3,500

1062

Ruby-in-Zoisite Carving--"The Frog King Riding a Snail"

By Luis Alberto Quispe Aparicio

Part of a series of fantasy objects carved from a single piece of rich red, ruby-in-zoisite from Tanzania with gold vermeil antennae and reins, raised on a polished black oval base. Length 6in

\$1,000 - 1,500

1063

Ruby-in-Zoisite Carving of a Chimp on Flying Snail

By Luis Alberto Quispe Aparicio

Part of a series of fantasy carvings produced by the renowned atelier of the Quispe Aparicio family, the present composition features bright red ruby-in-zoisite depicting a monkey holding a sphere while riding on the back of a snail carved of zoisite. Raised on a base formed of a freeform black onyx boulder. Height 6 1/2in

\$1,500 - 2,000

1064

Carved Ruby-in-Zoisite Box

By Luis Alberto Quispe Aparicio

Carved of fine quality Tanzanian ruby-in-zoisite matrix, this covered cylindrical box displays a realistically carved head of a gorilla on the lid carved in bas relief with inset gemstone eyes. Diameter 3in \$700 - 900



1065

Impressive Mookite Jasper Carving of a Rooster--"The Strutting Peacock of the Chinese Zodiac" By Luis Alberto Quispe Aparicio

2014 is the year of the Rooster and this fine carving is sure to attract those born in this year. Quick thinkers who are practical and resourceful, they prefer to stick to what is tried and true rather than taking unnecessary risks. Keenly observant, it is difficult to slip anything past a Rooster, since they seem to have eyes in the backs of their heads! This quality can lead others to think the Rooster is psychic, but that's not generally the case; instead, this Sign enjoys a keen attention to detail that makes it a whiz at anything requiring close analysis. The present example is a fully life-sized lapidary figure, carved of an Australian variety of jasper known as Mookite, the rich natural variations in hues of the material are fully exploited to depict the impressive bird. With Russian black obsidian under plumage beneath the gold vermeil feathers, on gold vermeil feet. Raised on an oval black marble base. *Height 23in*

\$40,000 - 50,000







1068

1066

Ocean Jasper Carving of Four Snowy Owls

By Luis Alberto Quispe Aparicio

Each owl carved of a variety of orbicular jasper known as "Ocean jasper" from Madagascar, raised on a petrified wood base, also from Madagascar. *Height 13 3/4in*

\$3,000 - 5,000

1067

Ocean Jasper Carving of a Chameleon

By Luis Alberto Quispe Aparicio

Carved from a single piece of richly variegated orbicular jasper, known in the mineral hobby as "Ocean jasper", the reptilian quality of the chameleon is successfully evoked. Raised on a circular polished onyx base which provides a dramatic color contrast. *Height 10in*

\$3,500 - 4,500

Property of Various Owners

106

Rock Crystal Quartz Carving of Buddha

By Luis Alberto Quispe Aparicio

Carved of a single piece of rock crystal quartz in the form of a Buddha, with gold vermeil fittings. *Height 13in*

\$4,000 - 6,000







1070

Impressive Black Obsidian Carving of Two Horses--"Midnight Storm" By Luis Alberto Quispe Aparicio

Playfully rearing on their hind legs, rather than in a pose of combat--this carving is a testament to the lapidary skills of the workshop of the Quispe Aparicio family. The figures of the two horses capture the sheen of the fine quality Russian obsidian. The piece is mounted with gold vermeil on steel base. Originally carved from a 200 kilo block of obsidian, a difficult feat in itself to handle, the sculpture now weighs approximately 70 kilos. Height 25 1/2in

\$70,000 - 90,000

Property of an East Coast Collector

107

Impressive Pair of Rose Quartz Cockatoos on a Watermelon Tourmaline Base

By Peter Mueller

Brazil

Each bird, measuring up to 12 inches in height, with carved serpentine combs and carnelian beaks, and rubellite eyes. Both perch on a large Brazilian tourmaline and quartz base. *Height 17in*

\$12,000 - 15,000











Rock Crystal Crane Family on Tourmaline Base

Bv Peter Mueller

Brazil

Comprising two adult cranes carved of rock crystal quartz with a high degree of transparency, and three small offspring. On a base of green tourmaline in matrix. *Height 10in*

\$6,000 - 8,000

1073

Lapis Peacock on Multi-color Tourmaline in Matrix Base

Peter Mueller

Brazil

Carved of fine, gem-quality lapis lazuli to depict a peacock, raised on a watermelon tourmaline crystal in matrix base. *Height 8in*

\$2,500 - 3,500

1074

Gemstone Carving of a Finch

By Peter Mueller

Brazil

Carved of a variety of multi-color gemstones, with vermeil feet perched on a green tourmaline in matrix base. *Height 7in*

\$400 - 600

1075

Gemstone Carving on a Tourmaline Base--"The Hen and Chick" By Peter Mueller

Brazil

The hen, with carnelian comb, carved of natural rock crystal quartz, having a frosted surface; the chick carved of yellow calcite, both resting atop a multi-color tourmaline in matrix base. *Height 4 1/2in*

\$400 - 600

1076

Large and Impressive Amethyst and Milky Quartz Eagles on a Quartz By Peter Mueller

Brazil

The head of each eagle carved of translucent milky quartz, the body of violet amethyst. Both birds perch upon a quartz base with green tourmaline inclusions. Raised on an acrylic base. *Height 13in*

\$2,000 - 3,000

1077

Smoky Quartz Bust of a Horse

By Peter Muller

Brazil

Carved of a single piece of highly transparent smoky quartz, with flowing mane, the bust rests atop a gold vermeil stand above a double plinth of polished rock crystal quartz. *Height 11in*

\$3,000 - 5,000

1078

Ruby-in-Zoisite Carving of a Woodpecker

By Peter Mueller

Brazil

Carved of ruby-in-zoisite from Tanzania, with yellow jasper beak and gold vermeil feet, perched atop a quartz crystal cluster of fine quality with good transparency. *Height 9in*

\$3,500 - 4,500

1079

Penguin on a Quartz Base & Puffin on a Quartz Base

By Peter Mueller

Brazil

The first, an agate carving of a puffin, on a quartz crystal, height 3 1/4; the second, a penguin, carved of agate, resting atop a bed of quartz crystals which suggests an "ice floe". Height 2 3/4 (2)

\$250 - 350



1077



1078















Amethyst Parrot on a Green Tourmaline Base

Peter Mueller

Brazil

Carved of fine translucent amethyst to depict a parrot landing atop a rocky outcropping, suggested by the green tourmaline base, with traces of lepidolite. On an acrylic base. *Height 3 3/4in*

\$200 - 300

1081

Two Rose Quartz Hummingbirds on a Tourmaline Base

By Peter Mueller

Brazil

Depicting two hummingbirds carved of translucent rose quartz, perched atop a cluster of green tourmalines from the Cruzeiro Mine, Brazil, atop a circular base of carved and polished rock crystal quartz. *Height 6in* \$1,500 - 2,500

1082

Two Rose Quartz Cockatoos on an Amethyst Base

Peter Mueller

Brazil

Depicting two rose quartz cockatoos, with carnelian beaks and yellow agate combs, perched atop an amethyst plate covered in large grape-purple crystals, raised on a wooden base. *Height 9 1/2in*

\$700 - 800



1085

Rock Crystal Carving of a Shore Bird on Amethyst

By Peter Mueller

Brazi

1083

The shore bird in flight carved of translucent rock crystal quartz, the beak of red jasper and black agate. Raised on a wooden stand. *Height 8 3/4in* \$500 - 700

1084

Six Aquamarine Hummingbirds on a Quartz Base

By Peter Mueller

Brazil

Rich in saturation of sea blue color, these pretty hummingbirds are carved of translucent aquamarine. They perch atop a base of radiating quartz crystals having great luster. *Height 12in*

\$2,000 - 3,000

1085

Aquamarine Parrot on a Tourmaline Matrix Base

By Peter Mueller

Brazil

Carved of fine translucent blue aquamarine, depicting a parrot alighting atop a rocky outcrop, suggest by the pink tourmaline in matrix base. Height 6 1/2in

\$600 - 800



1086

1087

Décor

Property of Various Owners

Four Decorative Petrified Wood Objects Madagascar

Including a large petrified wood sphere displaying beautiful lavender, red, beige and brown hues as well as small druzy lined cavities, diameter 4 1/4in; a smaller petrified wood sphere displaying rich brown and reddish hues, diameter 3 1/2in; a petrified wood egg, height 2 3/4in, and another, smaller petrified wood egg, height 2 1/2in (4)

\$500 - 700

Without Reserve

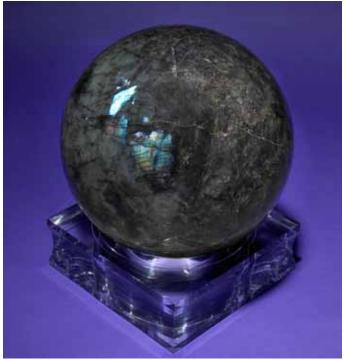
1087

Group of Four Mineral Spheres and a Malachite Box

Various World Localities Including a fine tiger's eye quartz sphere, diameter 3 3/4in; a nephrite sphere, diameter 2 1/4in; a highly chatoyant hawk's eye sphere, diameter 2 1/4in, and blue llanite opal fossil sphere (which is a mineral association from Brazil consisting of blue quartz, feldspar, kaolinite, iron, magnetite, leuchzone and clinozoisite), diameter 3 1/2in; and a malachite (conglomerate) box, having a hinged lid, length 6in (5)

\$400 - 600

Without Reserve



Polished Pyritized Ammonite Sphere

Volga River Region, Russia

Characterized by a rich, dramatic black hue. yellowish brown calcite inclusions and fine pyrite veining and well as pyrite-lined vugs. This fine decorative sphere was carved from the core of a very large ammonite to allow for a sphere of such a large diameter. Honed to a mirror-bright polish, this unusual sphere would create a unique statement in any interior. *Diameter 6in*

\$900 - 1,200

1089

Labradorite Sphere

Madagascar

This attractive and well-polished sphere exhibits all the characteristic attributes of the mineral species: a sheen of blue with spectral color flashes depending upon the angle of observation of the viewer. Offered on a custom-fitted acrylic stand. Diameter 10 1/4in; Weighs 54 lbs \$500 - 700

Accompanied by a custom acrylic base

1090

Labradorite Free-form Sculpture on Wooden Base

Madagascar

Polished to a mirror-bright sheen this is a fine specimen of labradorite. *Labradorescence* is an exclusive optical phenomenon seen only in labradorite, and this particular specimen is a fine example of its type. *Weighing approximately 17 lbs and measuring 10 1/2 x 6 x 3 1/2in* \$700 - 900

Offered on a custom-fitted wooden base

1091

Pietersite Sphere

China

Originally identified in 1992 in Namibia by mineralogist Sid Peters, the present example of pietersite is from a newer, limited find in China. A variety of riebeckite, it crystallizes in the form of masses and its structure is a result of inclusions in jasper where the inclusions are pseudomorphs after a crocidolite-type asbestos. The process begins with hawk's eye—the name given to the blue variety of tiger's eye—an opaque aggregate which is formed when quartz replaces the blue/green mineral crocidolite creating iridescent planes or fractures with a silky luster. Tiger's eye is created when the iron from the decomposed crocidolite oxidizes changing it to a golden brown color. Pietersite is then formed by a process known as brecciation which occurs when the fibrous structure of both tiger's eye and hawk's eye are broken by the earth's tectonic forces. The tiny fragments are later naturally cemented together by quartz creating a finished product with multiple hues and superb chatoyancy. Pietersite is excellent for use in jewelry and for ornamental carving due to its very high hardness of 7, its toughness and lack of cleavage. Diameter 5in

\$300 - 500







1092

Large Lapis Lazuli Free-form Sculpture

Afghanistan

Contour polished to follow the natural curves of the original boulder and capable of standing on its own, this highly decorative piece would create a stunning visual statement in any interior application. Weighing approximately 20.6 lbs (9.3kg) and measuring 12 3/4 x 8 x 4in \$800 - 1,200

1093

Lapis and Onyx Bonbonnière

Of fluted form carved of bands of translucent white onyx with bands of rich blue lapis lazuli between, raised on a shaped foot. *Height 3in* \$400 - 600

1094

Group of Four Picture Jasper Inlaid Boxes

Comprising one larger and three smaller boxes, all with dendritic picture jasper slabs to the center within serpentine borders, and each lined with Kalahari jasper interiors, the square box, *length 3 1/4in*; 2 oval boxes, *lengths 2 1/4in*; and a cushion shape, *length 2 1/4in* (4)

\$400 - 500



1093



1094

Property of a Mid-West Collector

1095

Large and Impressive Nephrite Jade Boulder

Yukon Terrirories, Canada

A scholar's stone suitable for either indoor or outdoor applications, the present boulder possesses its natural "rind" and surfaces which reveal a rich green hue; the base has been sawn flat and allows for presentation of the stone in a vertical manner.

Weighing approximately 439 lbs (199 kilos) and measuring 31 x 30 x 10in 4,000 - 6,000

1096

Nephrite Jade Table

Yukon Territories, Canada

Suitable for use as an end table, this impressive slab of nephrite jade shows evidence of natural black dendritic growth within this rich green interior; with attractive natural boulder edges on three sides and a single straight polished edge. Resting upon a custom-built wooden base raised on four brass legs of bamboo-form. Weighing approximately 56.6 lbs (25.6 kilos) Measures 33 1/4 x 28 x 3/4in

\$1,200 - 1,800











Property of an East Coast Collector

1097

Burlwood and Inlaid Turquoise Bench By Andy Costine

North Carolina artist, Andy Costine, uses figured woods and burls combined with geometric shapes. He uses environmentally friendly woods whenever possible and including salvaged wood from Western North Carolina. The present offering is an artistic yet functional bench comprising fine burlwood, the fissures of which have been inlaid with composite turquoise, with exotic wood legs. *Measuring 39 x 19 x 18 1/2in* \$2,000 - 3,000

1098

Two Fossil Coral Intarsia Boxes

Each decorative box formed of panels of fossil coral from Indonesia, the larger one having a hinged lid, *length 6 1/2in*; the smaller one, having a domed lid which is removable. *Length 4 1/2in* (2)

\$250 - 350

1099

Jasper Covered Box

Of hexagonal outline with removable lid, carved of Russian jasper in two colors, having a bronze finial in the form a salamander, as well as being raised on bronze feet. *Length 4 1/2in*

\$300 - 500

1100

Dramatic Multi-gem-set Pietra Dura Intarsia Chess Table on Metal Stand

Made in Florence

Of square outline comprising squares of tiger's eye matrix, malachite, lapis, labradorite, sodalite, moss agate, rose quartz, ruby-in-zoisite, rhodonite, petrified wood, crocodile jasper, red jasper, snowflake obsidian, rhodochrosite and stromatalite within a malachite border. Removable from its custom-built metal stand. Height 30 1/4in. Measuring 23 2/3in square \$3,000 - 4,000

Property From the Estate of Carey A. Parshall, Stamford, CT

1101 Sodalite Sphere

Brazil

Sodalite is a scarce mineral. It is thusly named due to its sodium content. It is typically used in carving and occasionally in jewelry and the color ranges from light to dark pure blue color, the darker the better. This fine decorative, polished sphere is carved of Brazilian sodalite. Rich in indigo hues, portions show white calcite veining. *Diameter 5in*

\$400 - 600

Without Reserve







1102





Property of a South American Collector

1102

Rare Lemurian Quartz Carving of a Ganesh Columbia

Lemuria is the name of a hypothetical "lost island" thought to have been located either in the Indian or Pacific Oceans. Stories of Lemuria differ, but all seem to share a common belief that a continent existed in ancient times and sank beneath the ocean as a result of cataclysmic geologic change. The concept gained some popularity during the 19th Century but has since been rendered obsolete by modern theories of plate tectonics and lack of scientific evidence supporting the original claims. Though Lemuria is no longer considered a valid scientific hypothesis, it has been adopted by writers involved in metaphysics and the occult.

A new find of these crystals, originating in the mountains of Colombia, was discovered around 2010. They are believed by metaphysics to have the capacity to allow one to retrieve information from ancient Lemuria via the crystals providing the observer the ability to solve problems and contact members of the angelic realm. While it is challenging to capture the distinctive formations in photography there are ladderlike striations on their sides and tiny crystals growing on the larger crystal which are meant to represent the lost souls of this "lost island".

The present carving consists of a single, robust quartz crystal point, carved over half the front face to depict a Ganesh, the remaining lustrous natural crystal surfaces left in their original state. It is rare to find a Lemurian crystal of such large proportions with a secondary conjoined crystal attached at the base. Measuring 7 1/2 x 6 x 4 3/4in \$7,000 - 9,000

Property of Various Owners

1103

Unique Hand-carved Himalyan Quartz Bottle Nepal

This exquisitely hand-made bottle has been carved out of a single specimen of prized Himalayan quartz from the mountain kingdom of Nepal. Unlike most contemporary bottles which are core drilled to just hold enough volume to be called a bottle, this one has been beautifully hollowed and polished from the inside and is a gem of human workmanship. The threaded stopper is a perfect fit and is rarely seen in hand-made stone bottles. Height 8in \$1,500 - 2,000

Mother of Pearl and Brass Essence Ewer

Early 19th Century

Delhi, India

Of ovoid form, the body of the vessel formed of two mother-of-pearl domed sections, held by a brass bezel, raised on a base of foliate motif with chain connector securing the stopper. Height 2 1/4in

\$1,000 - 1,500

1105

Stunning Tiger Iron Matrix Intarsia Table on Wrought Iron Base--A Gold Medal Winner at "The Jewelry Olympus" of 2008

Designed by Konstantin Libman
This particular table was the winner of a gold
medal at "Jewelry Olympus" in 2008, the premier
Russian gem carving competition held each year.

Tiger's eye matrix is a fascinating "combination" mineral whose origins date back over two billion years ago. When tectonic plates shifted to form the Australian continent, deposits of red jasper, chatoyant tiger's eye and black hematite were forced together under great pressure. The ancient ornamental gemstone, sometimes called tiger's eye matrix, is the fascinating product of these monumental geologic events. Because the physical properties of each of the three minerals differ so greatly, only an experienced lapidary has the ability to work this material. The tiger iron used in the present lot is of exceptional quality, displaying flashing veins of golden-toned tiger's eye, red jasper of a saturated rust-red hue and metallic black hematite. Fabricating this table with such a high degree of precision is a feat of the highest level of lapidary work with its beautifully honed edges and perfect book-matching of its intricate patterns. It is appropriate that this heirloom quality piece should have won a gold medal. Height 31 1/2in. Diameter 27 3/4in.

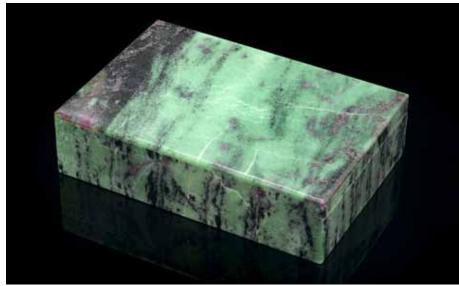
\$30,000 - 40,000

Accompanied by a copy of the International Jewelry and Gemstone Exhibition book, 2008, signed by the artist Konstantin Libman, in which this table was the winner of a gold medal as an entry in the "Jewelry Olympus", a premier Russian gem carving competition.





1105 (detail)



1106



1107



1108

Ruby-in-Zoisite Box

Idar-Oberstein, Germany

Fabricated of slabs of Tanzanian ruby-in-zoisite, lined with marble, with brass piano hinge. Length 6in

\$500 - 800

Without Reserve

1107

Rhodochrosite and Onyx Bowl

Carved of deep rose Argentinian rhodochrosite, alternating with bands of black onyx, raised on a carved and fluted base. *Height 3in*

\$700 - 900

1108

Large Eudialyte Egg

Mt. Kukisvumchorr, Khibiny Massif, Kola Peninsula, Russia

A fairly scarce cyclosilicate mineral, popular with collectors due to its attractive and distinctive colors. The present example is characterized by its strong purplish red crystals which combine beautifully with green and black matrix. *Height 3 1/2in*

\$300 - 500

Rare Libyan Desert Glass Box

Designed and fabricated by Konstantin Libman Libyan Desert glass was formed approximately 29 million years ago when the impact of a meteorite fused sand into lumps of glass. It is believed that the meteorite did not reach the ground but exploded some 10 kilometers high in the atmosphere, like the Tunguska event in 1908. Libyan Desert glass is composed of 98% silicate and 2% aluminum and traces of iron oxide, titanium and zirconium. The present beautifully fabricated box is formed of sections of this rare tektite known as Libyan Desert glass from Egypt. The panels have great translucency. Libyan desert glass is rarely found in specimens large enough to be used as carving material. Width 2 1/2in

\$1,000 - 1,200

1110

Fine Agate Bowl

By Georg Wild

Idar-Obertein, Germany

This fine translucent banded agate bowl displays the natural edges of the original boulder--a sign of a master craftsman at work, signed GW for Georg Wild and numbered E363. Length 7 1/4 in \$700 - 900

1111

Petrified Wood Poker Card Box

Designed and fabricated by Konstantin Libman Of rectangular outline, fabricated from panels of petrified wood from Kyrgyzstan with expertly matched seams and corners as well-as book matching of pattern. Small brass key, opening to reveal the fitted wood lined interior and a free deck of cards for the lucky purchaser! Measuring 9 1/2 x 5 1/2 x 2 1/2in

\$3,000 - 4,000

1112

Set of Six Carved White Nephrite Sake Cups By Konstantin Libman

Of classic form with straight cylindrical sides, each simply carved of a single piece of Russian white nephrite with having very good translucency and variations in color. *Height 1 3/4in* (6)

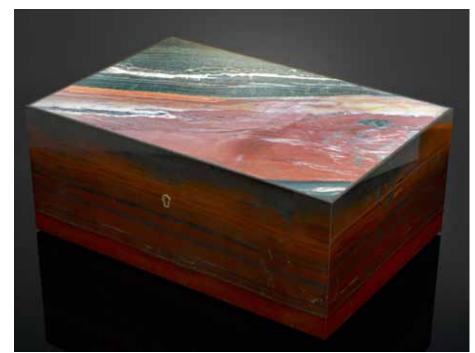
\$1,500 - 2,000



1110



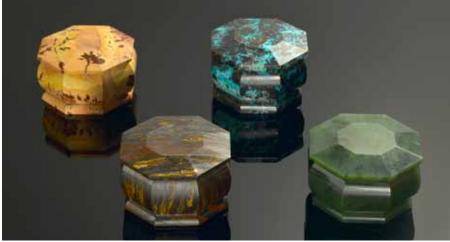




1113



1114



1115

Ocean Jasper Jewelry Box

Designed and fabricated by Konstantin Libman Formed of large polished slabs of a highly ornamental jasper known as "Ocean jasper" from Madagascar, the beautifully book-matched sides of the box are formed of a different jasper originating from South Ural, Russia. With brass key fitting, The hinged lid with brass piano fittings, opening to reveal a wood lined interior. Measuring 9 3/4 x 6 3/4 x 4in

\$3,000 - 4,000

1114

"Zebrastone" Intarsia Jewelry Box--a "Mineralogical Mystery"

Designed and fabricated by Konstantin Libman Found only in the Johnny Cake Shale formation of East Kimberly, Western Australia, this reddishbrown and white banded clay based rock is known as "Zebrastone". While the reddish-brown color can be attributed to the presence of iron oxides, the origin of its unique pattern of stripes and dots has yet to be explained by geologists. The present box is beautifully crafted from slabs of Australian zebrastone with invisibly matched seams, the entire box is polished to a porcellaneous surface. The hinged lid opens to reveal an interior lined with wood. With sturdy brass piano hinges. Length 7in \$3,000 - 4,000

1115

Group of Four Covered Gemstone Boxes: Shattuckite, Tiger Iron Matrix, Jasper and Nephrite

Designed and fabricated by Konstantin Libman Including a Shattuckite box, Congo, Africa, length 2 1/2 in; a tiger iron matrix, Western Australia, length 2 1/2 in; a jasper box, Oregon, USA, length 2 1/2 in; and a nephrite box, Russia, length 2 1/2in (4)

\$2,000 - 3,000

1116

Amethyst Geode Coffee Table with Beveled Glass Top

Brazil

Notable for the rich hue of the crystals which line the interior of this geode, the vug also features calcite crystals which contrast dramatically against the purple amethyst. Raised on a wooden base and topped with a custom-fitted beveled glass. *Measuring 43 1/2 x 31 x 17 1/2in* \$5,000 - 7,000

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

1117

Fossil Ammonite Table

Morocco

Comprised of two pieces of fossil bearing marble from this classic locality: the upper, with a wide polished rim, and a central cavity of which has been carved out to reveal an orthoceras; the base, having a black orthoceras in relief. Suitable for use as an end table or occasional table. *Diameter 24in. Height 19 1/2in* \$300 - 400







1118



1119



1120

Opalized Fluorite Intarsia Jewelry Box--"Tiffany Stone"

Designed and fabricated by Konstantin Libman

"Tiffany Stone", an opalized fluorite, is the rare mineral from Utah which is featured in this beautiful, yet functional jewelry box. Beautifully bookmatched seams highlight the vivid purple, white and ochre and the black veining provides dramatic contrast. The hinged lid opens to reveal brass piano hinges and the interior is lined with wood. Length 8 1/4in \$3,500 - 4,500

1119

Two Tiger's Eye Quartz Boxes and Two Pencil Holders

Idar-Oberstein, Germany

Fabricated during the late 1960s or 70s, each box is lined with pink and black marble. The larger box, having a lid that is secured with a brass piano hinge, length 6in; the smaller tiger's eye quartz box, with horizontal stripes of chatoyancy, also lined with marble, brass piano hinge, length 3 3/4in. Together with two tiger's eye quartz pencil holders, lined with onyx. Height 3in and 2 1/2in (4)

\$1,000 - 1,500

1120

Tiger's Eye Quartz Intarsia Silver Picture Frame

Inlaid with rectangular tapering sections of South African tiger's eye quartz between borders of sterling silver. Backed with silver and velvet, with easel backing. The purchaser is free to insert a photo of his/her own pet in the frame. Stamped .925, diameter 8 1/2in \$1,000 - 1,500

1121

Immense Lavender Amethyst Geode with Calcite Crystals

Impressive both for its size and quality, this specimen is the wall of an immense geode which displays lavender amethsyt crystals lining the wall. Numerous clusters of calcite crystals accent the interior, many with stalactite formations and the edges of the geode are beautifully agatized in shades of deep grey. Sure to make an impressive statement in any home or exterior design application. Measuring 73 x 53 1/2 x 8in \$15,000 - 18,000

This lot is being sold in situ and will remain offsite during preview. Please contact the Natural History Department for further information.



Minerals including Native Metals Lots 1122 - 1222







1123





1126

Minerals (Alphabetically)

The Carey A. Parshall Collection of Minerals, Stamford, CT

Many an American mineral collection started with family vacations and cross-country drives that included stops at rock shops in the Western United States and self-collecting. No different was the Parshall family who, in the 1950s, took numerous trips across the States and Mexico, collecting specimens the entire time. A hobby which grew over the years eventually turned into a small business that Carey Parshall and his son, Ray, worked on together providing both enjoyment and happy memories. The collection was enlarged during the 1970s and 80s through trades, field collecting and international buying trips to far-flung places such as Morocco, Mexico, Italy, Japan and Germany. The collection features desirable Vanadinites, Smithsonites, Azurites, Stibnites and Zeolites from these diverse localities.

The Bruce Museum in Greenwich, Connecticut was the fortunate beneficiary of many of Mr. Parshall's mineral donations and a number of key purchases from his collection are housed there for public viewing. The Carey A. Parshall Mineral Collection was inventoried and valued by mineralogist, Lawrence H. Conklin, in 2004 for estate purposes. A copy of this inventory, with its useful and comprehensive listing of localities, is available upon request.

1122 Adamite

Adamite

Mapimi, Mexico

A very large matrix covered with brilliant clusters of charteuse green crystals. Measuring 20.0 \times 12.5 \times 10.0cm

\$1,000 - 1,500

1123

Two Amethyst Quartzes

Bolivia

Comprising a large crystal cluster, *measuring* 21.0 x 18.0 x 10.0cm; together with another, both having the robust grape-purple crystals for which this locality is known. (2)

\$400 - 600

Without Reserve

Property of Other Owners

1124 Amethyst Geode Split

Brazil

This highly decorative amethyst geode split contains an interior lined with lustrous amethyst crystals, many of which have formed stalactites. Several brilliant white calcite crystals accent the scene. *Height of each: 8in*

\$500 - 700

Amethyst Geode Section on Wooden Base Brazil

A decorative amethyst geode section lined with lavender amethyst crystals, many with stalactite formations. Offered on a customfitted wooden base making suitable for use as a table top scholar's stone or contemplation stone. Height 12 1/2in

\$400 - 600

1126 Amethyst Geode Vug

Brazil

An excellent example of a geode section, with an internal cavity richly lined with vibrant purple amethyst crystals, within agatized borders, the natural boulder rind still retained on the surface. Length 9in

\$250 - 350

Property From the Estate of Carey A. Parshall, Stamford, CT

1127

Group of Four Amethysts on Matrix Las Vigas, Veracruz, Mexico

Each very well crystallized, with good grape purple terminations. The largest, measuring 16.0 x 6.0 x 6.0cm; and the others, measuring approximately: 18.0 x 6.0 x 6.0cm; 13.0 x 5.0 x 6.0cm and 11.0 x 6.0 x 4.0cm (4)

\$1,500 - 2,000

1128

Pair of Tall Amethyst Geodes

Brazil

This attractive geode split is lined with large amethyst crystals having a deep violet color. Height 27in

\$1,000 - 1,500

Property From the Estate of Carey A. Parshall, Stamford, CT

1129

Three Mexician Amethyst Specimens

Amatitlán, Mun. de Zumpango del Rio, Guerrero, Mexico

Comprising a large complex cluster, measuring 23.0 x 16.0 x 10.0cm; together with another with more slender crystals, measuring 18.0 x 11.0 x 9.0cm; and a smaller one having large robust crystals, measuring 9.5 x 7.0 x 7.0cm (3) \$400 - 600

Without Reserve

1130

Group of Three Amethyst Specimens

Las Vigas, Veracruz, Mexico Each very well crystallized, with good grape purple terminations. The largest, measuring 11.0 x 9.0 x 4.0cm; 12.0 x 9.0 x 3.5cm and 10.0 x 8.0 x 3.0cm (3)

\$600 - 800



1127









Very Large and Impressive Amethyst "Rose" Rio Grande do Sul, Brazil

The single largest and finest "amethyst flower" that has come on the market in over a decade, and possibly the largest this cataloger has seen. This is a world-class specimen worthy of consideration by the most serious collector. Rich in variations of tone, with strong purple hues particularly to the center, graduating to lighter violets at the edges, with a calcite crystals scattered throughout. *Measuring 17 x 15in* \$10,000 - 15,000

1132

Very Large Anglesite

Touissit, Morocco A radiating cluster of large, golden crystals measuring up to 11.0 cm in length. Measuring 17.0 x 20.0 x 9.0cm

\$6,000 - 8,000

1133 Anglesite

Toussit, Morocco

A small cabinet specimen consisting of a large, single crystal of vivid, canary yellow anglesite with minor crystals adjacent on black matrix. Measuring 10.0 x 7.0 x 6.0cm

\$700 - 900

Property of Various Owners

1134

Two Apatite in Matrix Specimens

The first, a cabinet sized specimen comprising a very large teal blue crystal embedded in orange calcite, *Slyudyanka* (*Sludyanka*), *Lake Baikal area, Irkutskaya Oblast'*, *Prebaikalia* (*Pribaikal'e*), *Eastern-Siberian Region, Russia, measuring* $4 \times 4 \times 1/2 \times 3in$; together with a second specimen of vivid green fluorapatite in matrix, *Liscombe Apatite occurrence, Cardiff Township, Haliburton Co., Ontario, Canada. Measuring* $4 \times 3 \times 2 \times 1/2in$ (2)

\$700 - 900

Without Reserve

Property From the Estate of Carey A. Parshall, Stamford, CT

1135

Apophyllite and Stilbite

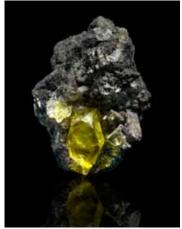
Poona, India

A fine, large decorative display specimen with numerous colorless apophyllite crystals intergrown with orange stilbites. *Measuring* 22.0 x 21.0 x 12.0cm

\$900 - 1,200



1132









Property of Various Owners

1136

Important Aquamarine, Schorl and Feldspar Erongo Mountain, Usakos and Omaruru Districts, Erongo Region, Namibia
The best specimen of the recent find in the Famous Erongo Mountain mineral belt in Namibia, which has produced some very important mineral specimens over the last century, this may be the largest fine museum grade combination specimen on feldspar ever available on the market. Numerous gemmy bright blue, well-terminated aquamarine crystals abound, interspersed with huge, doubly-terminated schorl crystals, some of which have fibrous terminations.

Measuring 15 x 11 x 7in (38.0 x 28.0 x 18.0cm) \$35,000 - 45,000

Property of Various Owners

1137

Aquamarine and Muscovite Specimen Pakistan

A decorative aquamarine crystal cluster, probably originating in Pakistan, displaying a larger primary crystal and numberous smaller conjoined crystals with associated muscovite mica. *Measuring 4 1/2 x 6 x 4in*

\$500 - 700

Property From the Estate of Carey A. Parshall, Stamford, CT

1138

Aquamarine Cluster and a Kunzite *Pakistan*

The sea blue aquamarine cluster, with some traces of muscovite mica, *measuring 6 x 5 x 4in*; together with a spodumene var. kunzite with good termination, *measuring 8 1/2 x 3 x 1/2in* (2) \$400 - 600

Without Reserve

1139 Axinite

Polar Urals, Russia

A mid-sized cabinet specimen consisting of a cluster of large, smoky brown triclinic crystals on matrix. *Measuring 13.0 x 13.0 x 7.0cm*

\$400 - 600

Without Reserve

1140

Azurite on Malachite

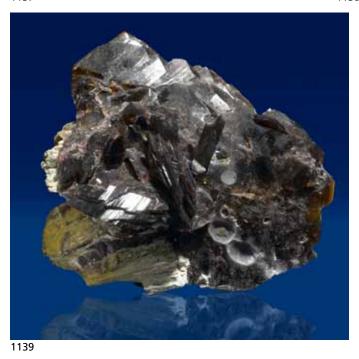
La Sal, Utah

This is a fine American azurite specimen, comprising spherical crystal-masses on a bed of malachite. *Measuring 16.0 x 12.0 x 4.0cm*

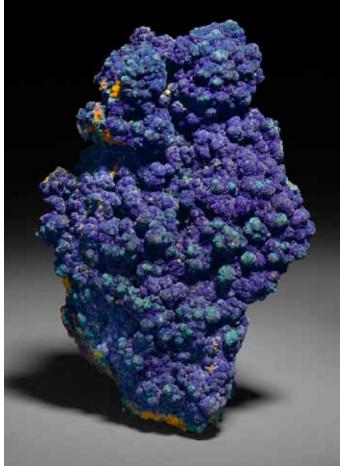
\$1,000 - 1,500











1141



1142

1141 Large Azur-malachite

Kerrouchen, Khénifra Province, Meknès-Tafilalet, Morocco This is a very large and impressive plate consisting of bright rosettes covering large matrix with minor malachite. Measuring 13 x 8 x 3in \$5,000 - 7,000

1142

Azur-malachite

Morenci, Arizona

A rich carpet of azurite micro-crystals covers the face of this specimen with traces of malachite apparent as well. *Measuring 28.0 x 26.0 x 8.0cm* **\$1,200 - 1,500**

1143

Large and Impressive Azurite Specimen

Toussit, Morocco

A very large vug, lined with lustrous crystals, the longest of which measures approximately 3.0cm. *Measuring 31.0 x 26.0 x 14.0cm* **\$4,000 - 6,000**

Property of Various Owners

1144

Important American Azurite

Copper Queen Mine, Bisbee, Warren District, Cochise County, Arizona Viewable from both sides, in either a vertical or horizontal presentation, this very large and spectacular specimen is entirely covered with minute scintillating crystals of azurite. Dating from the early 1900's and in pristine condition, any serious collector knows, such large intact specimens from this historic locality are rarely seen in today's market.

Measuring 17 x 8 x 5 in (42.0 x 20.0 x 13.0cm)

\$25,000 - 35,000

1143





1145



1147



Property from the Estate of Carey A. Parshall, Stamford, CT

1145 **Blue Barite**

Baia Sprie (Felsöbánya), Maramureş Co., Romania A mid-sized cabinet specimen comprising large, bladed blue crystals with good strength of color, which are lustrous. On a wooden stand with old

label. Specimen measuring 12.0 x 14.0 x 10.0cm \$600 - 800

Without Reserve

1146

Brown Barite on Matrix

Elk Creek, South Dakota

From the classic American locality, a large specimen comprising numerous, gemmy and transparent brown barite crystals, measuring up to 5.0 cm in length, on a bed of yellow calcite crystals. Measuring 13.0 x 14.0 x 15.0cm \$600 - 800

Without Reserve

1147

Blue Bladed Barite and a Golden Barite

Kapnik, Romania

A large specimen having clusters of scintillating, crested, bladed, blue barite crystals from a classic old locality, measuring 22.0 x 22.0 x 6.0cm; together with a golden barite, probably from the same locality, measuring 13.0 x 12.0 x 5.0cm (2)

\$800 - 1,200

Without Reserve

1148

Calcite var. Manganoan Peru

A huge, magnificent, crystallized mass of bright pink color. Measuring 10 x 6 l/2in

\$1,500 - 2,000

1148

Property of Various Owners

1149

Calcite var. Manganoan

Huanggang Mines, near Chifeng, Inner Mongolia Autonomous Region, China This is a very large specimen of huge rhombohedra of calcite, colored a pastel pink by the presence of small traces of manganese. The manganese gives the piece a vivid orangered color under ultraviolet lighting. The Huanggang Mines on the northern border between China and Mongolia have produced an amazing suite of specimens in the last 4 years (very similar to old material from Russia). In particular, the mines are probably the most famous for fabulous clusters of pink calcite (colored by manganese) in a variety of styles. Despite its size, this piece is three-dimensional and complete all around. The surface luster is sparkly and bright due to a secondary thin coating of calcite atop the original massive crystallization, which adds extra faces for light to reflect from. Measuring 21 x 10 x 15cm \$10,000 - 12,000

Accompanied by a custom-fitted Lucite display stand.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

1150

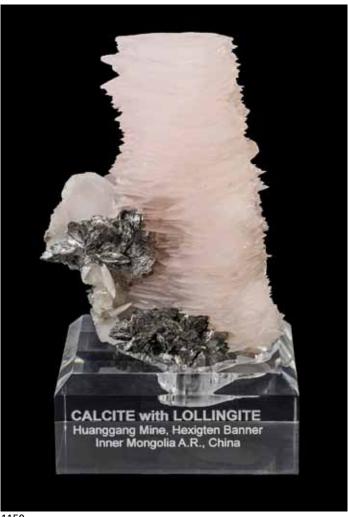
Calcite var. Manganoan with Lollingite Huanggang Mines, near Chifeng, Inner Mongolia Autonomous Region, China The Huanggang Mines on the northern border between China and Mongolia have produced an amazing suite of specimens in the last 4 years (very similar to old material from Russia). In particular, the mines are probably the most famous for fabulous clusters of pink calcite (colored by manganese) in a variety of styles. This piece features stacked "discs," of truncated rhombohedral crystals, stacked one atop the other like a pagoda. Three-dimensional and complete all around, it is girdled by matrix of the rare sulfide mineral species, Lollingite. This mine has produced the best of species for Lollingite. Overall, an aesthetic piece with a distinct "Asian" look to it. Note: The specimen fluoresces vivid orange-red color. Measuring 11.0 x 8.0 x 6.0cm

\$9,000 - 12,000

Accompanied by a custom-fitted Lucite display stand

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1151

1152



1153

Property From the Estate of Carey A. Parshall, Stamford, CT

1151

Calcite

Elmwood mine, Carthage, Smith Co., Tennessee

A very large, translucent honey-colored crystal with double-termination. Measuring 17.0 x 16.0 x 4.0cm

\$400 - 600

Without Reserve

1152

Calcite

Elmwood, Tennessee

Bright golden color, lustrous faces and excellent terminations, including a double-termination, all serve to distinguish this calcite from this classic American locality. *Measuring 8 x 6 1/2 x 4in*

\$500 - 800

Without Reserve

1153

Calcite Stalactite

A fine classic cave calcite comprising radiating clusters of crystals from a central point. The exact locality of this exemplary specimen is unidentified. Measuring $25.0 \times 15.0 \times 9.0 cm$

\$600 - 800

1154

Calcite

Charcas, Mexico

A graceful and imposing cluster of large white discoid crystals intergrown in a very large crystal mass. *Measuring 28.0 x 24.0 x 13.0cm*

\$600 - 800

1155

Calcite with Pyrite

Brushy Creek Mine, Greeley, Viburnum Trend District, Reynolds County, Missouri

A fine, very sculptural cabinet calcite specimen which is dominated by a terminated and twinned calcite crystal and is coated with sparkly, iridescent, multi-hued pyrite microcrystals. This is an impressive, large example of the classic combination species and well-known locality. *Measuring* 17.0 x 20.0 x 8.0cm

\$600 - 800

Without Reserve

1156 Celestite Geode

Madagascar

A very large geode of celestite containing enormous dog-tooth celestite crystals which measure up to 2 1/2 inches in length, *measuring* 12 x 8 x 7in

\$400 - 600

Without Reserve

1157

Cerussite with Barite

Mibladen, Morocco

A very pretty small cabinet specimen of well-crystallized cerrusite on matrix with brilliant orange barite, *measuring* 9.0 x 9.0 x 4.0cm \$250 - 350

Without Reserve

1158

Two Cerrusites

Both displaying a sixling or "snowflake habit", the first from Morocco, with lustrous crystals, measuring 7.0 x 6.0 x 3.5cm; the second, from Tsumeb, Namibia, measuring 6.0 x 6.0 x 3.0cm (2)

\$700 - 900



1154





1155 1156







1159



1160



1159 Cobaltian Calcite

Property of Other Owners

Aghbar Mine, Tazenakht, Ouarzazate Province, Morocco
Calcite included with a minute content of cobalt, turns a rich pink color.
Cobaltian Calcite can display a range of colors. Classically, the best crystals came from the Congo. However, a recent find in Morocco has really set new standards for color and the availability of this material on the market now. Therefore this represents an excellent time for the savvy collector to add one to his collection. However, few enough are large and fine in quality. This piece is not only large, but has the finest and most desirable color: considered to be a unique shade of magenta bordering on hot pink (it is astonishing that such hues can be found in nature!). It is a large and intense pink piece from Morocco, and is simply breathtaking on a shelf. Measuring 22 x 11 x 6cm

\$25,000 - 35,000

Accompanied by a custom-fitted Lucite display stand.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

1160 Cobaltian Calcite

Democratic Republic of Congo

This palm-sized cabinet specimen is an excellent example of its type having a lustrous carpet of hot pink cobaltian calcite crystals covering its surface. Measuring 4 $1/4 \times 2 \ 1/2 \times 1 \ 3/4$ in

\$500 - 700

1162



1161

1161 Cornetite

Star of the Congo Mine, Lubumbashi, Katanga, Zaire (Democratic Republic of Congo) Cornetite is a very rare mineral containing copper (copper phosphate), that sometimes occurs in copper mining districts. However, the best specimens only came from this conflictridden mining region in Zaire in the late 1990s. Pieces such as this one, with an intense and unique deep blue color and a sparkling, sugary luster, were brought out mostly by the great Belgian dealer Gilbert Gauthier (now deceased) in around 1998. His storage unit in Tucson was sold in 2012, and this specimen is one of several that were found there, long kept off the market. It presents an undulating three-dimensional surface with intense color, sparkling sugary luster, and no damage. It is an exceptional specimen, offered at a considerably lower estimate than comparable pieces currently available in the mineral market. Measuring 16.0 x 8.0 x 6.0cm

\$10,000 - 12,000

Provenance: Ex. Gilbert Gauthier Collection

Accompanied by a custom-fitted Lucite display stand.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

Property of Carey A. Parshall, Stamford, CT

1162 Datolite

Nikolai Mine, Dalnegorsk, Primoria, Russia A cabinet size specimen comprising lustrous. translucent celadon green datolite crystals. Measuring 6 x 5 1/2 x 2in

\$400 - 600

Without Reserve

Two Dioptase Specimens

Tsumeb, Namibia

The larger, featuring a carpet of vivid green crystals across its surface, measuring 13.5 x 13.0 x 4.0cm; together with another, having larger lustrous crystals in a vug, measuring 9.0 x 7.5 x 3.0cm (2)

\$700 - 900

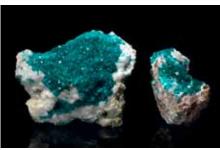
Without Reserve

1164 **Emerald on Calcite**

Muzo, Columbia

A classic miniature specimen with great color and form consisting of a single wellformed hexagonal crystal which is lustrous, transparent and vivid green. Its visual balance with the associated milky grey calcite crystals is perfection. Height 3.3 x 2.6 x 2.3mm

\$6,000 - 8,000



1163



1164





1165

Property of a Mid-West Collector

1165

Emerald in Matrix

Colombia

A mid-sized cabinet specimen of combination piece comprising a large emerald crystal, *measuring 2.3 x 1.5 cm*,, embedded in a matrix of quartz with extensive pyrite veining, *measuring 10.0 x 9.0 x 7.0cm* **\$1,000 - 1,500**

Without Reserve

Property of Various Owners

1166

Emerald in Matrix Specimen

Muzo, Columbia

A classic specimen having a single large hexagonal crystal having lustrous faces, measuring 1.7cm in height, rising dramatically from the virgin white quartz matrix, above a bed of black schist speckled with pyrite.

Weighing approximately 63.26 grams and measuring 4.7 x 4.0 x 3.0cm

\$3,500 - 4,500

Property from the Estate of Carey A. Parshall, Stamford, CT

1167

Blue Fluorite

Bingham, New Mexico

This large display specimen, exhibits dozens of lustrous rich blue fluorite cubes, many of which have purple centers. With minor barite on the left edge. Measuring 12 $1/2 \times 9 \times 4$ in

\$600 - 800



1167



1168

1168 Blue Fluorite Cluster

Elmwood, Hardin Co, Tennessee A well-crystalized cluster of cubic form of blue fluorite with purple phantoming, measuring 12.0 x 9.0 x 6.0cm \$300 - 500

Without Reserve

1169

Fluorite and Celestite

Mina el Tule, Melchor Múzquiz, Mun. de Melchor Múzquiz, Coahuila, Mexico A coating of purple fluorites forms a "cape" around one side and over the large blades of white celestite. Measuring 23.0 x 9.0 x 8.0mm \$250 - 350

Without Reserve

1170

Large Fluorite

Hardin County, Illinois

A classic for the region, with massive intergrown green crystals with golden centers and purple along the edges, with an associated sprinkling of pyrites and calcites on the surface. Measuring $22.0 \times 20.0 \times 15.0$ cm \$600 - 800

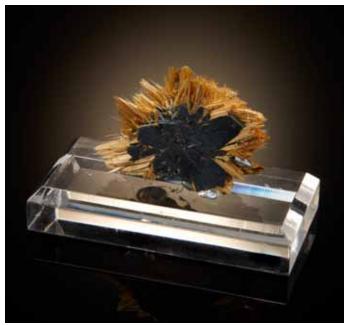


1169



1170





1171



1171 Gypsum *Mexico*

Comprising a single, large and very showy golden brown crystal with coated termination of secondary growth, with a cluster of numerous smaller crystals at the base. *Measuring 29.0 x 19.0 x 15.0cm* **\$1,200 - 1,500**

Property of Various Owners

1172

Hematite with Rutile

Novo Horizonte, Bahia, Brazil

Certain forms in nature astound the viewer and this is one of them, with its central core of hematite and radiating golden rutile needles. These are a highly collectible mineral specimens. *Measures 1 3/4 x 2 1/2 x 1in* \$1,200 - 1,500

Without Reserve

1173

Hemimorphite

Wenshan Mine, Yunnan, China

Vivid color is the hallmark of this attractive cabinet-sized specimen with its thick growth of hemimorphite crystals on matrix. Measuring $4 \times 4 \times 2$ 1/2in \$600 - 800



Property from the Estate of Carey A. Parshall, Stamford, CT

1174

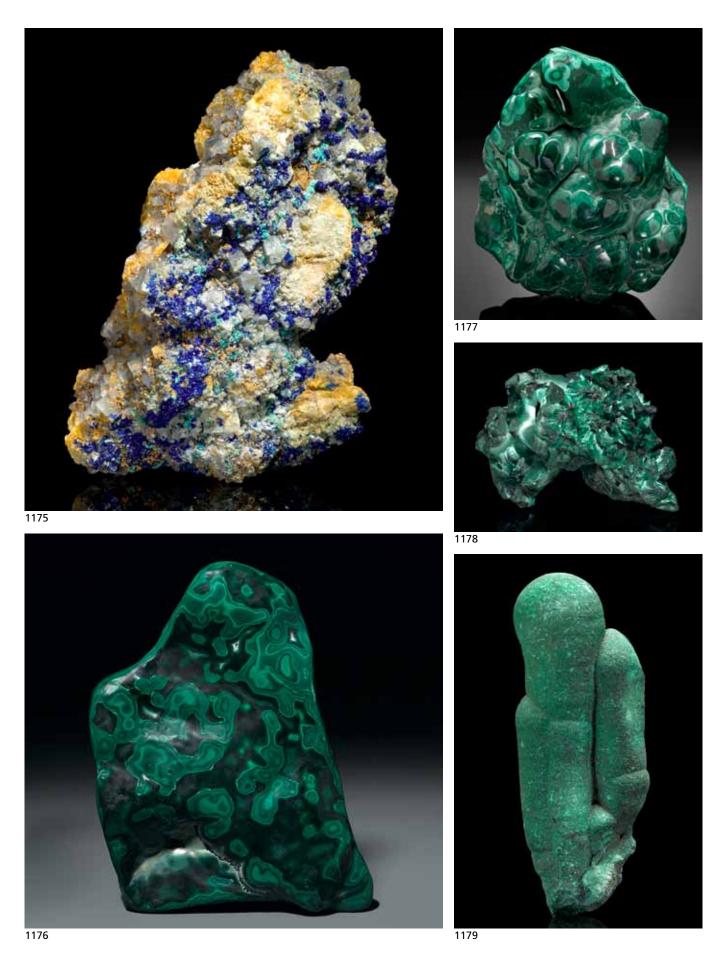
Rare and Extremely Large Hemimorphite

Chihuahua, Mexico

An amazing botryoidal mass of rich cerulean blue color--this is possibly the finest example ever found at this location. A significant offering by any measure the beauty and rarity of this hemimorphite make it worthy of the most serious mineral collection. Measuring 13 x 10 x 6in

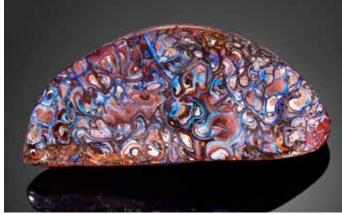
\$6,000 - 8,000

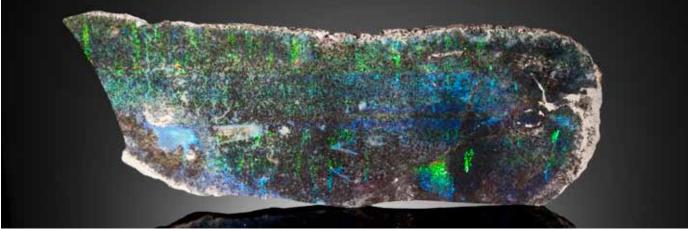
In the 2004 inventory prepared of the Carey A. Parshall Mineral Collection, this specimen was stated by Lawrence Conklin to have been one of the finest examples of hemimorphite ever found at this location.



76 | Bonhams







1182

1175

Rare Linarite and Brochantite with Fluorite Bingham, New Mexico

This is a very rare specimen that is richly and minutely crystallized with blue linarite and green brochantite as well as pale purplish green fluorite cubes on a large matrix. *Measuring 27.0* x 16.0 x 10.0cm

\$1,500 - 2,000

1176

Polished Malachite

Democratic Republic of Congo Polished to the face, this large decorative specimen exhibits a fascinating pattern of concentric banding. Measuring 33.0 x 20.0 x 3.5cm

\$700 - 900

1177

Large Polished Malachite

Democratic Republic of Congo Polished smooth on the surface of its botyroidal growth to reveal the concentric banding within, this is a fine, decorative malachite specimen. Measuring 9 1/2 x 8 x 4in

\$1,500 - 2,000

1178

Chatoyant Malachite

Kerouchen, Morocco Small cabinet sized specimen, capable of standing on its own, which displays the shimmering effect of chatoyancy on its numerous crystals. Measuring 7.0 x 5.0 x 3.0cm \$300 - 400

Without Reserve

Property of Various Owners

1179

Malachite Stalactite

Democratic Republic of Congo
A classic cabinet specimen, this well-formed stalactite of malachite bears a scintillating surface texture of granulated micro-crystals. Height 5 1/4in \$1,500 - 2,000

Property from the Estate of Carey A. Parshall, Stamford, CT

1180

Beryl var. Morganite

Nuristan, Afghanistan A loose, modified pink crystal with good to moderate transparency. Weighing 162.7 grams, measuring 7.0 x 5.0 x 4.0cm \$800 - 1,200

Property of Various Owners

1181

Fine Boulder Opal Specimen

Koroit, Queensland, Australia
A very fine, palm-size or cabinet specimen capable of standing on its own. It displays the characteristic rich brown ironstone matrix (resulting from a high manganese content) for which this region is known. The polished face of the specimen is covered in electric blue, iridescent purple and green veining in a very distinctive pattern. Weighing approximately 623 carats and measuring 3 3/4 x 1 3/4 x 1 1/4in \$4,000 - 5,000

1182

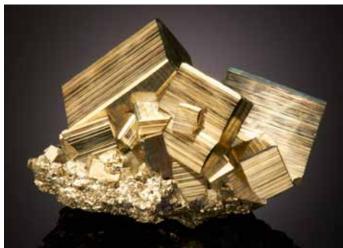
Polished Andamooka Opal Slab

Andamooka, South Australia
In this slice of Andamooka opal, polished
on both sides, stripes of blue-to-green fire
cut through a dark pisolitic opal matrix. The
brown-to-black pisolites resemble caviar.
Billowing fire also shows in a transparent opal
"window" in the slab. Weighing approximately
669 carats and measuring 18.5 x 6.5 x 0.5cm
(7 1/2 x 2 1/2 x 1/4in)

\$1,500 - 2,000



1183



1184



1186



1185

1183 Rare Pezzottaite Crystal

Sakavalana pegmatite near Ambatotovita, Mandrosonoro Province de Finanarantsoa, Madagascar

Discovered only in November 2002, Pezzottaite was recovered from granitic pegmatite in the remote central highlands of the island nation--a region which has produced many other gem minerals. The small deposit, roughly 6 meters below the surface, was virtually exhausted and only a few kilograms of rough were recovered at the time.

Pezzotaite is a cesium-rich mineral, related to beryl but with a higher refractive index (1.615 - 1.619) and specific gravity. It also differs from beryl in that it has rhombohedral rather than hexagonal symmetry. Nonetheless, it was formerly confused with pink morganite. The present crystal displays a classic hexagonal, yet compressed form, weighing approximately 8.40 carats and measuring 15.2 x 11.2 x 5.5mm \$500 - 600

Without Reserve

1184

Pyrite Specimen

Racracancha Mine, Cerro De Pasco Province, Peru
An attractive cabinet-sized specimen consisting of an intergrown cluster of cubic crystals having very good luster. Measuring 4 x 3 x 2 1/2in
\$600 - 800

Property from the Estate of Carey A. Parshall, Stamford, CT

1185

Group of Herkimer Quartzes on Matrix

Herkimer, New York

Herkimer diamonds are beautifully doubly-terminated quartz crystals already "faceted" by nature—they are so called because of their near "adamantine" luster. The bedrock in which the crystals are found began forming approximately half a billion years ago in a shallow Cambrian sea found just south of the ancient Adirondack Mountains. The present offering comprises five specimens of these fascinating colorless quartz crystals on matrix, the largest specimen, *measuring* 16.0 x 13.0 x 7.0cm (5)

\$2,000 - 3,000





Property from Various Owners

Large and Impressive Geode Section

This highly decorative display specimen exhibits a dozen stalactite formations to the interior of the geode cavity. The mounds are wellformed and possess scintillating crystals which capture the light. Measuring 23 x 19 x 9in

\$900 - 1,200

1187

Large and Impressive Quartz Specimen

Panzhihua Mine, Sichuan Province, China

An impressive specimen for its size and for the transparency of its innumerable radiating crystals which cover the entire surface of the plate. Measuring 16 x 13 1/2 x 4in

\$800 - 1,000

1188

Large Quartz Cluster

This is an large plate of quartz notable for the enormous number of lustrous and transparent crystals which grace its surface. Measuring 13 x 11 x 4in

\$600 - 800

Property from the Estate of Carey A. Parshall, Stamford, CT

1189

Double-terminated Smoky Quartz

Brazil

This is a superb, very large, doubly-terminated, gemmy crystal with great luster. Measuring 13 x 5 1/2in

\$2,000 - 3,000

1190

Two Swiss Smoky Quartz Specimens--"Rauchquarz"

Furka, Switzerland

Comprising a larger specimen which is doubly-terminated, on a wooden base, measuring 15.0 x 13.0 x 4.0cm; together with a single wellterminated crystal, measuring 9.0 x 5.5 x 4.5cm. Each glued to a wooden base with German locality label (2)

\$200 - 400

1188



1189



1190

Without Reserve







1192



1191 Rhodochrosite

Kapnik, Maramureş Co., Romania A large cabinet or room display, the face of this specimen is covered in druzy rhodochrosite crystals. Measuring 22.0 x 19.0 x 9.0cm \$900 - 1,200

1192

Two Rhodochrosites

The first, from Silverton, Colorado, having many small, sharp crystals in vugs in quartz matrix, *measuring 18.0 x 14.0 x 11.0cm*; the second, American Tunnel Mine, Colorado, a well crystalized specimen on a large white matrix, measuring 21.0 x 10.0 x 9.0cm (2) \$600 - 800

Property from Various Owners

Large Rhodonite Specimen

Conselheiro, Lafaeite, Morro da Mina Mine (Old Queluz de Minas)

A large cabinet or "room-sized" display specimen consisting of large conjoined cluster of massive rhodonite crystals having a deep pinkish red hue. Such specimens are now rare to find in today's market. Measuring 10 x 4 1/2 x 4in \$2,000 - 3,000



Ruby in Matrix

Jegdalek ruby deposit, Kabul Province, Sorobi District, Afghanistan
A ruby crystal measuring 2.0 cm in length, rises majestically from a matrix of grey marble.

Measuring 9.0 x 12.0 x 6.0cm

\$500 - 700

Without Reserve

1195

Rhodochrosite

NChwaning Mine, Kalahari Manganese Fields, South Africa

These manganese mines, which hold over 80% of the world's available manganese, also are the source of the world's most beautiful rhodochrosite. Specimens such as this, with thick undulating layers of gemmy, sparkling rhodochrosite, came out in 1978-1982, and then were gone. Collectors today simply cannot obtain them, except as old collections are recycled. This particular specimen boasts a very thick (to 1.5 cm) coating of the cherry-red rhodochrosite overlaying a dark manganese ore matrix. It has a few "rubs" of minor wear, but no big damage or missing segments to the large display face, and overall presents beautifully. It is very 3-dimensional, and displays well. A rhodochrosite of this size, with this top color and glassy luster, only turns up very rarely. *Measuring 9.0 x 5.0 x 5.0 cm*

\$18,000 - 20,000

Accompanied by a custom-fitted Lucite display stand.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

1196

Ruby in Matrix

Mogok, Burma

A large fine translucent, slightly pinkish red conjoined crystal with matrix. Rubies from Mogok are now scarce in today's market and this is from an old collection. *Measuring 4.7 x 3.2 x 2.5mm* **\$6,000 - 8,000**

Accompanied by a custom acrylic stand



1196



1197

1197A









1197C 1197D

1197

Collection of 27 Rhodochrosites--"Red Gold" from the Kalahari N'Chwaning 1 Mine, N'Chwaning 2 Mine, Hotzatel Mine, Wessels Mine, Black Rock Mine, Kalahari Manganese Field, Northern Cape Province, South Africa

Originating from the now closed manganese mine this is a notable and visually arresting collection of 27 rhodochosite specimens which was painstakingly formed by its owner over several years in order to create a comprehensive representation exemplifying various crystal habits of this sought-after mineral. The north-western region, where mining began, was particularly noted for the presence of exceptional rhodochrosite specimens associated with mainly manganite and drusy secondary quartz. The primary years of specimen production were in the late 1970s to the early 80s and older specimens are now impossible to obtain unless they reach the market from private collections. (27)

Bonhams is pleased to offer this collection in its entirety. It is hoped that the collection will remain intact to preserve its significance and enjoyment of its aesthetic beauty for future generations. Thus, it will first be offered as a collection of 27 pieces *en suite*. Should lot 1197 fail to reach its reserve, the specimens will be offered as 27 individual lots numbered 1197A through 1197Q \$200,000 - 250,000

1197A

Rhodochrosite on Manganite--"Large Wheat sheaf"

Kalahari Manganese Field, Northern Cape Province, South Africa Discovered circa 1980, "Wheat Sheaf"-style rhodochrosites such as the present offering were only seen in a few small pockets. Today, they are almost never seen for sale on the market and collectors are reluctant to part with them. This example is exemplary with its lustrous, transparent crystals in wheat sheaf-like bundles, individually segregated and standing against jet black, lustrous manganese matrix. In balance, color, and aesthetics, this is a superb example of this famous find. Measuring 8.0 x 4.8 x 2.8cm

\$30,000 - 40,000

1197B

Rhodochrosite--"The Porcupine"

Kalahari Manganese Field, Northern Cape Province, South Africa
This exceptional small cabinet specimen has a desirable high-domed,
mound formation with text book scalenohedral crystals of vivid cherry
red and only a very small section of black matrix to the underside.
N'Chwaning Mine has produced the best examples of this form of
rhodochrosite, firmly establishing it as one of the top collectibles on any
serious collector's wish list. Measuring 6.5 x 5.0 x 4.0cm

\$35,000 - 50,000

1197C

Very Large Rhodochrosite

Kalahari Manganese Field, Northern Cape Province, South Africa Medium to large cabinet specimen displaying a thick covering of scalendrohedral rhodochrosite crystals on manganite, with some minor druzy quartz to one edge. Such large specimens are difficult to find. Measuring 11.5 x 6.3 x 5.0cm

\$30,000 - 40,000

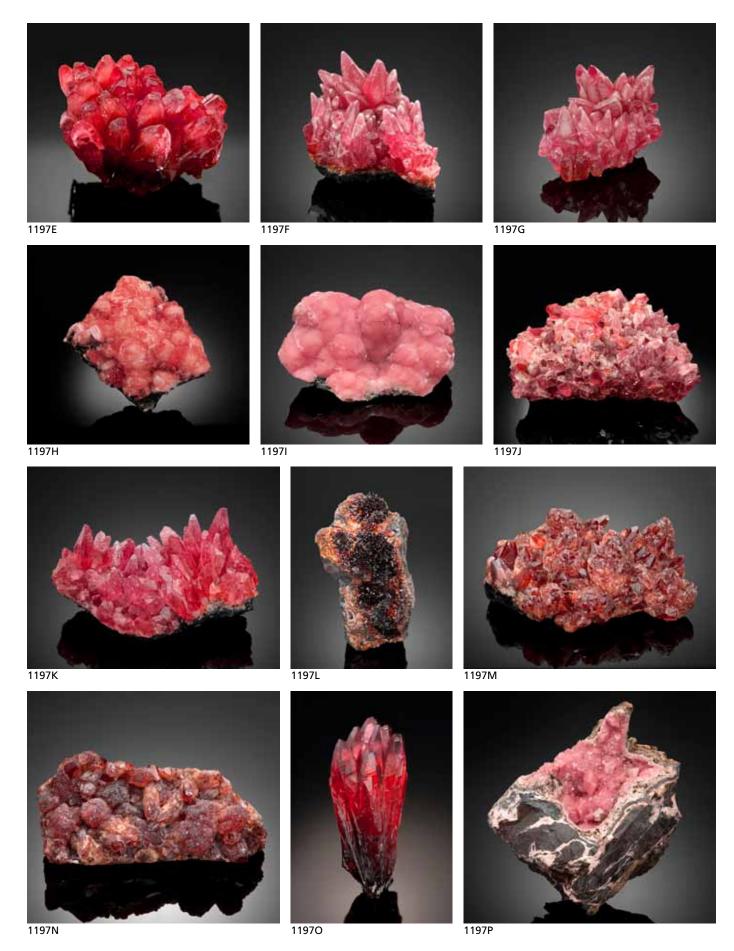
Offered on a custom-fitted acrylic display stand.

1197D

Rhodochrosite on Manganite

Kalahari Manganese Field, Northern Cape Province, South Africa A small cabinet specimen with bright red crystals of pinacoidal form, on manganite matrix. Measuring 4.0 x 6.3 x 3.9cm

\$15,000 - 20,000



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1197Q

1197E Rhodochrosite

Kalahari Manganese Field, Northern Cape Province, South Africa

A significant cluster of vivid cherry red colored truncated pinacoidal crystals of radiating form, free of matrix. *Measuring 5.0 x 3.5 x 2.0cm* **\$15,000 - 20,000**

1197F

Rhodochrosite with Druze on Manganite Kalahari Manganese Field, Northern Cape Province, South Africa

This pretty and aesthetic small cabinet specimen is an aesthetic cluster of radiating crystals, with a drusy secondary growth of quartz, on a matrix of black manganite which adds dramatic visual contrast *Measuring 5.0 x 4.1 x 4.0cm*

\$10,000 - 15,000

1197G

Rhodochrosite with Druze

Kalahari Manganese Field, Northern Cape Province, South Africa

A small cabinet specimen of vivid watermelon red hue, with slight druzy coating to its well-formed crystals giving the appearance of a sugar-coated confection. *Measuring 3.6 x 4.5 x 2.6cm*

\$7,000 - 9,000

1197H

Rhodochrosite on Matrix--"Small Wheat Sheaf"

Kalahari Manganese Field, Northern Cape Province, South Africa Discovered circa 1980, "wheat sheaf"-style

Discovered circa 1980, "wheat sheat"-style rhodochrosites such as the present offering were only seen in a few small pockets. Today, they are almost never seen for sale on the market and collectors are reluctant to part with them. The present offering is exemplary with its lustrous, transparent crystals in wheat sheaf-like bundles. *Measuring 5.2 x 4.4 x 3.2cm*

\$2,000 - 4,000

11971

Botryoidal Rhodochrosite--"The Brain" Kalahari Manganese Field, Northern Cape Province, South Africa

This is an exemplary small cabinet specimen, which should be very desirable for any serious collector. It exhibits a more unusual habit, which is atypical for the region. The saturation of color is exceptional-a rich deep rose. with a shimmering luster and excellent coverage over the surface of the manganite matrix. *Measuring 7.0 x 5.0 x 3.2cm* \$3,000 - 5,000

1197J

Rhodochrosite with Druze on Manganite Kalahari Manganese Field, Northern Cape Province, South Africa

A larger cabinet specimen having clusters of intergrown red crystals with druzy coating. *Measuring 5.1 x 9.6 x 4.4cm*

\$8,000 - 12,000

197K

Rhodochrosite with Druze on Manganite

Kalahari Manganese Field, Northern Cape Province, South Africa

A small cabinet specimen with minor druzy quartz coating to the tips of some of the central crystals. *Measuring 6.1 x 4.0 x 3.0cm*

\$10,000 - 15,000

1197L

Rhodochrosite in Vug

Kalahari Manganese Field, Northern Cape Province, South Africa

Small lustrous, minature "porcupine" clusters of reddish root beer brown rhodochrosite crystals fill the vug of this specimen, with black matrix on both sides. *Measuring 7.9 x 6.7 x 3.8 cm* **\$5,000 - 7,000**

1197M

Rhodochrosite with Druze on Manganite

Kalahari Manganese Field, Northern Cape Province, South Africa

A small cabinet specimen having slightly brownish red crystals with a coating of druze which lends them a scintillating appearance. *Measuring 4.4 x 7.0 x 2.4cm*

\$5,000 - 7,000

1197N

Rhodochrosite with Druze on Manganite

Kalahari Manganese Field, Northern Cape Province, South Africa

Capable of standing on its own, of slightly brownish red color with a druzy quartz coating to the crystals. *Measuring 4.6 x 10.0 x 3.0cm*

\$7,000 - 10,000

11970

Rhodochrosite--"The Artichoke"

Kalahari Manganese Field, Northern Cape Province, South Africa

Vivid red in color, with a bright luster, this is an aesthetic and fine cluster of scalenohedral crystals of radiating form. *Measuring 4.0 x 2.1 x 1.6cm* **\$5,000 - 7,000**

1197P

Pink Crystalized Rhodochrosite in Matrix

Kalahari Manganese Field, Northern Cape Province, South Africa

Large pink rhombohedrons line the interior cavity of the vug of specimen. With brecciated matrix. *Measuring 10.6 x 8.8 x 6.7cm* **\$5,000 - 7,000**

11970

Collection of 11 Rhodochrosites Crystal Clusters

Kalahari Manganese Field, Northern Cape Province, South Africa

Eleven fine specimens of rhodochrosite which illustrate various crystal habits including scalenohedrons, botryoids, and pinacoids; each of rich, cherry red color having lustrous faces and free of matrix. Starting bottom left, heights measuring: 1.2; 2.1; 2.9; 2.8cm. Center row: 2.2; 2.9; 2.5cm. Top row: 2.6; 2.7; 3.2; 2.7cm (11) \$25,000 - 30,000

Massive Ruby Crystal in Zoisite -The Largest Ruby Crystal to be Offered at Public Auction

Longido Mine, Arusha, Tanzania In 1949. Tom Belvins and another English prospector, both residents of Kenva, made a discovery of a ruby deposit not far from Mount Kilimanjaro. In a shallow basin they found a breathtaking display of flat, sharpfaced, hexagonal, deep red ruby crystals in a green zoisite outcrop, the matrix in which the ruby crystals were formed. The crystals rarely exceeded two inches in diameter by a quarter of an inch in thickness. Another 150 feet along the strike of the outcrop, a noticeable change occurred to the rubies, still immersed in the green matrix. They became much larger but coarser in outline, changing from the thin, flat crystals with transparent areas into huge hexagonal columns of a lighter red opaque material. The most distant outcrop from the original discovery was approximately four hundred feet, at which point the exposed rubies were sparsely scattered, poorly formed and opaque, but extremely large.

From the standpoint of sheer quantity, this locality is the largest producer of ruby ever known. In later years, when the claim was in the hands of new owners, shafts were driven down into the green zoisite and for many years rubies were mined, totaling hundreds of thousands of carats, much of this production being sent to India to be cut into small faceted gems. The largest crystal found at this time was in a class by itself, weighing slightly more than 30,000 carats. The noted prospector and gem dealer, Ed Swoboda, traveled to Nairobi and purchased the stockpile of ruby that Tom Belvins had squirreled away in his garage, including the large crystal. Back home in Beverly Hills, he guickly sold the collection to the Kazanjian Brothers gem and jewelry company. They had recently completed a fabulous Lincoln head carving of black star sapphire and were presently searching the world market for some big chunks of ruby, suitable for sculpting another bust in their Presidential Series of gem carvings.

The present specimen, at over 100 lbs, to our knowledge was the largest found in this historic deposit (seven times larger than the one found by Belvins in the early 1950s). It is an enormous, well-formed hexagonal crystal of very fine quality "select" ruby material, with a deep red hue, and a high polish to its face and a rind of green zoisite visible to the sides. Elevated simply on an elegant metal stand, it forms an impressive sculpture.....a testament to this most famous ruby deposit which men and expeditions had been searching for over a very long period of history, very possibly the famous long lost ruby mines of King Solomon!

Weight 100.53 lbs (228,000 carats)(112.44 lbs with base) Single Crystal 16 x 12 x 11in, height with base 33 1/2in

\$100,000 - 150,000

Offered on a custom-built metal stand.

Provenance: Luis Alberto Quispe Aparicio Ruby Collection





1199



1201



1202



1200

1199 Scheelite

Sichuan Province, China

A brilliant orange, lustrous slightly transparent scheelite crystal measuring 5 cm along the edge, set on a bladed muscovite matrix, measuring 12.0 \times 9.0 \times 6.0cm

\$700 - 900

Without Reserve

Property from the Estate of Carey A. Parshall, Stamford, CT

1200 Scheelite

Korea

A fine, loose crystal of pale grey hue, $measuring 5.0 \times 5.0 \times 5.0 cm$ \$150 - 250

Without Reserve

1201

Selenite

Naica, Mexico

This is a classic specimen for the locality, with a large radiating cluster of clear crystals. *Measuring 26.0 x 23.0 x 19.0cm*

\$800 - 1,200

1202

"Ram's Horn" Selenite

Chihuahua, Mexico

Virgin white selenite crystalized in "ram's-horns" formation on calcite. Such formations are rarely seen and occur infrequently in caves. Measuring 16.0 x 9.0 x 7.0cm

\$250 - 350

Without Reserve





Property of an East Coast Collector

1203 Selenite Specimen

Mexico

Gypsum is a mineral found in many localities around the world. When crystalized, as it is in its present form, is growth pattern is known as a "rosette" or "rose". Single roses are frequently seen at rock shows, but a large intact cluster such as this one is much less frequently seen and it presents a very decorative display. Measuring 11 1/2 x 8 1/2 x 9in \$150 - 250

Property from the Estate of Carey A. Parshall, Stamford, CT

1204 Fish Tail Selenite

Mexico

The delicate mineral gypsum is usually mined as a source of plaster, but remarkable crystals are sometimes preserved. The transparent and silky varieties are called selenite, and are said to resemble moonlight. This matrix specimen of selenite is covered with several clashing swords of "fish-tail" selenite—a type of twinning habit named for its obvious resemblance to a fish's tail. The largest crystal twin is about 3 ½in wide by 13in long. A showy room-sized display specimen. Measuring 18 x 18 x 8in \$600 - 800

Without Reserve

1205 Selenite

Naica, Mexico

An impressive radiating cluster of golden selenite "wands", many of which are clear. Measuring 25.0 x 20.0 x 27.0cm

\$600 - 800

Without Reserve





1206



1208





1207

1206 Large Smithsonite

Kelly Mine, Magdalena, Socorro County, New Mexico
This is a fine, large mammillary mass of brilliant, sea blue crystals on limestone matrix. Measuring 24.0 x 20.0 x 10.0cm
\$5,000 - 7,000

1207

Pink Smithsonite

Sinoloa, Mexico

Rich, hot pink color, translucent botyroidal growth and a lustrous surface texture are all features which recommend this attractive large cabinet specimen. Measuring $6\ 1/2\ x\ 4\ x\ 2\ 1/2in$

\$2,000 - 3,000

1208

Large Sphalerite

Picos de Europa, Spain

This is a large display specimen comprising large and partially gemmy massive crystals of cinnamon orange sphalerite with a sprinkling of white calcite crystals. *Measuring 23.0 x 18.0 x 8.0cm*

\$2,000 - 3,000

1209

Sphalerite with Purple Fluorite

Elmwood Mine, Tennessee

A large, brilliant crystallized mass with a single purple fluorite cube, the matrix having the approximate outline of a heart. Measuring 18.0 \times 15.0 \times 11.0cm

\$300 - 400

Without Reserve

1210

Large and Impressive Stibnite

Ichinokawa Mine, near Saijo, Ehime prefecture (formerly Iyo Province), Shikoku Island, Japan

This large mass of stibnite represents an amazing story of survival: it displays a large number of radiating crystals with their stunning, vertical habit this cluster of shiny silver-gray crystals showing iridescent, metallic patina. This is a significant specimen from an old find. *Measuring 16 x 9 1/2 x 10 1/2in* \$10,000 - 15,000









1211 Stibnite

Herja, Romania

Comprising clusters of radiating stibnite crystals of classic form known in the mineral hobby as "chrysanthemum"-form, with individual crystals of metallic luster, measuring up to 2 cm in length. *Measuring 7 x 6 x 4in*

\$1,000 - 1,500

1212 Sulphur

Sicily, Italy

Having vivid bright yellow crystals, measuring up to 3cm along the side, on matrix. *Measuring 7 x* 5 x 3 1/2in

\$1,000 - 1,500

Property of a Brazilian Collector

1213

Rare Large Bi-color Paraiba Tourmaline in Matrix

Paraiba, Brazil

An elegant and very large single crystal of tourmaline, measuring an unheard of 6 inches in length, from the sought-after locality of Paraiba--where small broken crystals of longer than 1 inch are rarely seen. Elegantly tapering in form with a distinct 8mm thick cap of translucent blue atop a shaft of violet, the crystal is embedded in a matrix of snowy white quartz--an iconic specimen capable of standing on its own. *Measuring* 6 x 4 x 1in

\$18,000 - 25,000

Property from the Estate of Carey A. Parshall, Stamford, CT

1214

Very Large Vanadinite

ACF Mine, Mibladen, Meknes-Tafilalet Region, Morocco

Large plates of vanadinite such as this one are highly desired by collectors--and the size of this one is formidible. Beautiful coke-can-red crystals to 1.5 cm aesthetically decorate the contrasting matrix. This style is from an older find at this famous locality. Measuring 11 x 8 x 8 1/2in

\$6,000 - 8,000

1215 Wulfenite

wuitenite

Los Lamentos, Mexico

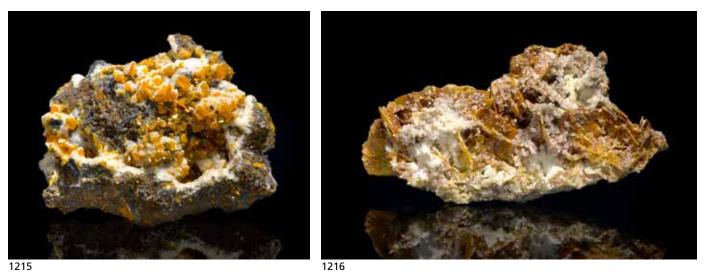
A decorative display specimen having numerous butterscotch colored tabular crystals on a large matrix. *Measuring 18.0 x 15.0 x 9.0cm*

\$1,000 - 1,500

1216 Wulfenite

Defiance Mine, Arizona Large, well-crystallized bladed butterscotch crystals on matrix. Measuring 7 x 3 1/2in \$700 - 900





near Jamestowt. Tuolumi e Co., California

1217



Native Metals

1217

Leaf Gold Specimen

Jamestown, Tuolomne County, California This is a native leaf gold from the classic locality that dates back to the gold rush (late 1800s) at this important California mining district. It is recognizable and distinct from other California golds by its brightness, patina, and leafy form of the crystals. In the late 1980s a pocket was found here in an old part of the mining lode that the original miners missed. We cannot tell how old this particular piece is, but it is of the same style as the 1800-era pieces in the Segerstrom, Wells Fargo Bank collection (sold by Bonhams in 2003) and in the Smithsonian. In any case, seldom are any available for sale. This specimen masses 37 grams, although weight of gold is not directly related to its specimen value. In fact, this specimen actually possesses a good surface to weight ratio for a crystallized specimen, presenting a lot of display size for the price. *Measures 5.0 x 4.5 x 1.2cm*

\$7,500 - 9,000

Accompanied by a custom-fitted lucite display stand.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information

1218

Crystalline Gold Specimen

Central Victoria, Australia

Though water worn, this ancient nugget displays a semi-crystalline form, as well as showing minor traces of white quartz to the crevices. The patina is warm and resplendent. Weighing approximately 2.62 ozt(81.6 grams) and measuring 1 3/4 x 1 x 1/2 in

\$6,000 - 8,000

1219

Gold Nugget--"The Happy Bat"

Western Australia

Chinese artists have long used bats to represent the blessings of health, long life, prosperity, love of virtue. The present nugget is somewhat reminiscent of a Chinese stylized bat emblem. With a more water worn surface to one side and a slightly more porous surface to the reverse. Weighing approximately 6.21 ozt (193.2 grams) and measuring 2 3/4 x 2 1/2 x 1/2in

\$17,000 - 20,000

1220 Gold Nugget--"The Starfish"

Kalgoorlie, Western Australia

This large gold nugget was discovered in the heart of Australia's rich gold fields nearly 600 kilometers east of Perth. Distinguished by a very rugged character-filled appearance its outline approximately resembles the five-rayed appearance of a starfish.

Weighing approximately 26.63 ozt (828.4 grams) and measuring 4 x 4 x 1 3/4in \$60,000 - 70,000

1221

Gold Nugget--"The Leaping Poodle" Leonora, Western Australia

Gold nuggets are collected for a variety of reasons. They are appreciated for their rarity above all other considerations. Besides rarity, what nugget collectors look for are nuggets representing different world localities. While gold is literally everywhere in microscopic form, in nugget form it is available only from a limited number of locations. Nuggets are also collected by size, with collectors building collections from the smallest size on up to the end of their pocketbook. Many collectors appreciate the scarce "specimen" nuggets which show some of the matrix of the host rock. Others prefer focusing on different "types" of gold formations including crystalline, dendritic, wire, flower, feather, ribbon, amongst others. However, one of the more popular ways to collect gold nuggets is illustrated by the present one which appears to depict something—a zoomorphic image in this case—of an energetic, leaping poodle. Weighing approximately 8.97 ozt (279.2 grams) and measuring 3 1/2 x 2 1/4 x 3/4in \$25,000 - 30,000





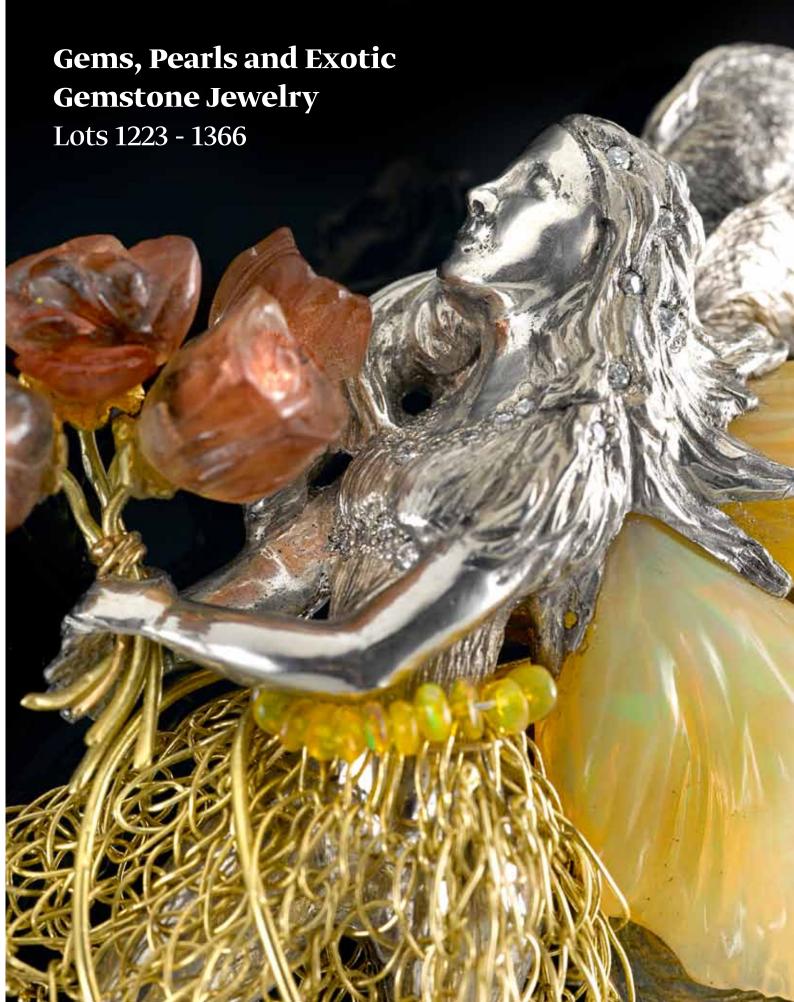


1222 (reverse)

1222 Very Large and Rare Platinum Nugget Konder, Siberia, Russia

This is an astonishingly beautiful nugget by any measure. Fully three-dimensional and capable of standing on its own with a soft patina to the water worn surfaces and a scintillating microcrystallization to the interior crevices. Its size alone should make this an interesting offering to any serious collector but the great aesthetics will add to the appeal.

Weighing approximately 7.36 ozt (229.1 grams) and measuring 2 x 1 1/4 x 1in (4.5 x 3.0 x 2.5cm) \$40,000 - 50,000









1224



Pearls

1223 **Natural Pearl** Unio species

A nacreous, freshwater white pearl, of elongated drop-shaped form, having excellent luster, especially to one face as well as a fine orient of pink and green hues, undrilled. Weighing approximately 43.5 carats and measuring 25.79 x 19.41 x 12.30mm \$1,500 - 2,000

Accompanied by a Gemological Institute of America report number 2155766649, dated December 13, 2013 stating that the 43.55 carats pearl is a natural pearl, freshwater, Unio species, white, no indications of treatment.

1224^{Y} Conch Pearl

Strombus gigas or "Queen Conch" Caribbean Sea

A conch is one of a number of different species of medium-sized to large saltwater snails and their shells. True conchs are marine gastropod mollusks in the family Strombidae, and the most well known species is the Strombus gigas or "Queen Conch". The pearls they produce are calcareous concretions—that is they are nonnacreous and are made up of calcium carbonate (rather than aragonite which is the composition of nacreous pearls).

Of slightly baroque shape, the color of the present pearl, a true rose pink hue, is seen clearly beneath the porcellaneous luster. Its flame pattern iridescence, which is excellent in its structure, appears to shimmer above its surface. Weighing approximately 4.80 carats and measuring 10.0 x 9.0 x 6.5mm \$7,500 - 9,500

1225^Y

Conch Pearl

Strombus gigas or "Queen Conch" Caribbean Sea

A conch is one of a number of different species of medium-sized to large saltwater snails and their shells. True conchs are marine gastropod mollusks in the family Strombidae, and the most well known species is the Strombus gigas or "Queen Conch". The pearls they produce are calcareous concretions—that is they are nonnacreous and are made up of calcium carbonate (rather than aragonite which is the composition of nacreous pearls).

This attractive drop-shaped pearl has a lovely pink hue and porcellaneous luster. But these factors are surpassed by the quality of its flame pattern iridescence.

Weighing approximately 6.77 carats and measuring 11.5 x 10.0 x 8.0mm \$7,000 - 9,000

1226^Y

Conch Pearl

Strombus gigas or "Queen Conch" Caribbean Sea

A conch is one of a number of different species of medium-sized to large saltwater snails and their shells. True conchs are marine gastropod mollusks in the family Strombidae, and the most well known species is the Strombus gigas or "Queen Conch". The pearls they produce are calcareous concretions—that is they are nonnacreous and are made up of calcium carbonate (rather than aragonite which is the composition of nacreous pearls). The present example is notable for its excellent symmetry, pleasant orangy-pink hue and flame pattern iridescence. Weighing approximately 8.46 carats and 10.0 x 10.0mm

\$7,000 - 9,000

1225



1227^Y Very Fine and Rare Large Conch Pearl Strombus gigas or "Queen Conch" Caribboan Soa

A conch is one of a number of different species of medium-sized to large saltwater snails and their shells. True conchs are marine gastropod mollusks in the family *Strombidae*, and the most well known species is the *Strombus gigas* or "Queen Conch". The pearls they produce are calcareous concretions—that is they are non-nacreous and are made up of calcium carbonate (rather than aragonite which is the composition of nacreous pearls).

Several thousand snails would have to be found in order to recover a pearl as fine—and as large—as this one. Its color is even—a true rose pink hue—and the luster is porcellaneous. But these factors are matched by the quality of its flame pattern iridescence—it consistently and evenly covers the entire pearl appearing to shimmer above its surface. Bonhams is pleased to offer this world-class, gem conch pearl. Weighing approximately 12.71 carats and measuring 14.0 x 10.6 mm \$70,000 - 90,000

Potential bidders outside of the United States who intend to import this lot are advised that permits may be required. If you are interested in this lot, please contact the Natural History Department before bidding.





1228^Y Non-nacreous White Pearl Tridacnidae sp. Saltwaters near the Phillipines

An unmounted and undrilled natural saltwater pearl from the Tridacna, or "Giant Clam" family of mollusks. The pristine white body color and very fine, minute "flame" pattern of iridescence on this pearl make it a fine offering. Weighing 13.78 carats and measuring 13.87 x 11.53 mm

\$10,000 - 15,000

Accompanied by a Gemological Institute of America report number 2101935708 dated August 25, 2009 stating that the unmounted pearl weighing 13.78 carats is a natural saltwater pearl from the Tridacnidae mollusk species and that it shows no indications of treatment.

Potential bidders outside of the United States who intend to import this lot are advised that permits may be required. If you are interested in this lot, please contact the Natural History Department before bidding.



1229



1229 (detail)

1229^Y
Non-nacreous Natural Pearl--"The Giant Clam Pearl"
Tridacna gigas
Coastal waters near the Philippines

A slightly baroque drop-shaped, undrilled, non-nacreous natural pearl from a marine mollusk, white with fine flame structure, *Weighing 21.437 carats* (85.75 grains) and measuring approximately 13.35 -13.35 x 19.05mm

\$9,000 - 11,000

Accompanied by an SSEF (Swiss Gemmological Institute) Test report no. 72785 dated 25 February 2014 stating that the slightly baroque dropshaped, undrilled pearl is a non-nacreous natural pearl from a marine mollusk, white with fine flame structure, measuring approximately 13.35 -13.35 x 19.05mm

Potential bidders outside of the United States who intend to import this lot are advised that permits may be required. If you are interested in this lot, please contact the Natural History Department before bidding.



1230

1230 Large and Rare Non-nacreous Melo Pearl Melo melo

Saltwaters near Vietnam

Relatively unknown in the West, even George Kunz's compendium of 1908, *The Book of The Pearl*, had no references to the rare orange pearl offered here. So few have been found, it is no wonder. The *Melo melo* is the marine snail that produces orange pearls the color of a ripe papaya. The snail generates a pearl-like substance to enclose foreign bodies, or irritants, entering its shell. Both orange and pink pearls (from the conch, *Strombus gigas*) are "non-nacreous", meaning they do not have a layer of calcium carbonate on their outer surface as white pearls do. Instead, they display a fiery, porcelain-like surface, giving them a unique beauty not possessed by other varieties of pearls. A relative of the conch, the *Melo melo* is also a gastropod. It is found in the waters of picturesque Halong Bay (meaning Bay of Dragons), along the northern coast of Vietnam.

Several thousand *Melo* volutes would have to be harvested for a single pearl to be found, particularly a fine quality pearl of any significant size. As the *Melo* volute is found in such deep waters almost 15 hours from the shoreline, although edible, it was not typically fished for food.

The Vietnamese Emperors valued the pearl highly and sent ships to search for the *Melo* shell. In the Pacific, the shell is regarded a sacred object by Buddhists, appearing in much religious imagery. The pearl was an expression of perfection in Buddhist thought as it requires no enhancement or alteration by man when it emerges from its shell, unlike gemstones which require faceting by man to reveal their beauty. The Chinese, Japanese and the Vietnamese all believed that pearls were created in heaven from

droplets that fell from the Dragon in the sky. These droplets descended from heaven into open shells in the water. Moonbeams nourished the dragon droplets and these grew into pearls. It is no wonder that the *Melo* pearl has held a fascination in the East for centuries (Zucker, 1999).

The pearl was one of the eight precious emblems of the Buddha. As a sacred object, these pearls were never drilled or strung as beads. Instead they were used as objects of devotion. The "fiery pearl"— a pearl with a flaming tail and the Dragon are both ubiquitous in Vietnamese decorative arts, found in ceramics, textiles and painting. The Dragon, symbolizing the Emperor, is seen pursuing the pearl. The Emperors surrounded themselves with dragon and "flaming pearl" motifs in their art and even on their Imperial robes. One can now surmise that this was not just a metaphor but an illustration of the wonderful flame-like structure within the porcelain surface of the *Melo* pearl

The present example is an undrillled, non-nacreous, spherical pearl: its vivid orange color, porcelain finish and excellent luster—as well as its large size—make this one of the world's rarest gems.

Weighing approximately 37.53 carats and measuring 17.0 x 16.8 mm \$40,000 - 60,000

Potential bidders outside of the United States who intend to import this lot are advised that permits may be required. If you are interested in this lot, please contact the Natural History Department before bidding.



1231

1231 Extremely Rare Natural Saltwater Pearl

Turban snail

Astraea undosa

Sea of Cortez, near Baja California

A very large, nacreous pearl from the saltwater marine mollusk, the Turban snail, prevalent in the waters of the Gulf of California. Graceful and feminine in form, this extremely rare pearl has a strong pink and green orient as well as fine luster.

Weighing approximately 48.33 carats and measuring 23.0 x 20.5 x 14.0mm \$55,000 - 65,000

See lot 1336, Auction 21032, 21 May 2013 for a comparable pearl, the only other Turban snail pearl to have been offered at public auction

Potential bidders outside of the United States who intend to import this lot are advised that permits may be required for natural pearls. If you are interested in this lot, please contact the Natural History Department before bidding.

1232

Large South Seas Cultured Pearl

Coastal Waters of Australia

A large and impressive, white South Seas cultured pearl of slightly bouton shape, having good luster to the front, *drilled*. *Weighing approximately* 44.22 carats and measuring 18.5 x 17.5mm

\$1,200 - 1,500



1231 (reverse)

1233

Pair of White Cultured Pearls

Coastal Waters near Australia

Two spherical white pearls, each with slightly rose orient, weighing approximately 20.3 carats and measuring 13.0mm; and 21.0 carats and measuring 13.0mm (2)

\$700 - 900

1234

Group of Four Black Cultured Pearls

Tahiti

Each well matched for natural black color and size, weighing approximately 16.4 cts, 17.8 cts, 15.8 cts and 18.5 cts and measuring 13.0mm in diameter.

\$500 - 700

The "100 Carats Club"

1235

Kunzite--"A Member of the 100 Carats Club"

Brazil

A delectable piece of eye-candy this stone is distinguished by its true baby pink color of good saturation and its fine luster. A number of fascinating needle like inclusions grace the interior and aid in the diagnostics of identification but do not detract from its beauty.

Weighing approximately 168.40 carats and measuring 35.0 x 29.0 x 19.0 mm \$2,500 - 3,500

1236

Carved Smoky Quartz--"A Member of the 100 Carats Club" Suitable for tabletop or cabinet display, carved of medium-toned smoky quartz and well-polished.

Weighing approximately 609.27 carats and measuring $85.0 \times 47.0 \times 23.0$ mm \$500 - 700



















1240

Impressive Blue Topaz--"A Member of the 100 Carats Club"

This faceted pear-shaped topaz is distinguished by a rich blue hue that is commonly referred to in the trade "London Blue". Both its luster and clarity are excellent. Despite its weight of well over two hundred carats, it is not too large to be fashioned into a pendant for a confident wearer. Weighing approximately 286.5 carats and measuring 61.0 x 33.0 x 20.0mm

\$2,000 - 3,000

1238

Large Morganite--"A Member of the 100 Carats Club"

This attractive oval-cut morganite, exhibits a "padparadscha-esque color with a correct balance of slightly pinkish orange which is delectible. Its well-faceted form is enhanced by its excellent clarity.

Weighing approximately 146.5 carats and measuring 41.5 x 27.0 x 21.5mm

\$8,000 - 10,000

Exceptional Amethyst--"A Member of the 100 Carats Club"

This oval-cut amethyst displays a rich, violet grape hue which is exceptionally well-saturated, yet at the same time is not so dark that its beauty does not shine through. The luster and clarity are excellent.

Weighing approximately 124.28 carats and measuring 38.5 x 27.0 x 23.0mm

\$3,000 - 4,000

Phenonmenal Gems

1240

Star Sapphire--"A Member of the 100 Carats Club"

Mogok, Burma

This large, near-circular cabochon sapphire possesses a light to medium "denim" blue hue with a well-polished dome of medium height. The asterism is strong and central.

Weighing approximately 110.25 and measuring 26.0 x 24.5 x 15.0mm

\$11,000 - 15,000

Accompanied by an Asia Glory Gemmological Laboratory of Myanmar report no. 012165 dated November 23, 2013 stating that the natural star sapphire, weighing 110.72 carats from Mogok, Myanmar shows no indication of thermal treatment.

1241 Moonstone

Burma

Nearly "water clear" transparency and a fine billowy blue adularescence recommends this pretty gem moonstone of wearable size. Weighing approximately 5.72 carats and measuring 11.5 x 9.5 x 7.0mm

\$700 - 1,000

Very Fine Moonstone Bead Necklace Designed and fabricated in

Idar-Oberstein, Germany

Consisting of approximately 290 carats of graduated, rondel-form beads of fine quality Tanzanian moonstone having a billowy blue sheen and fine translucency, measuring 6 to 12mm with the largest beads featured at the center. Completed by an 18K ball-form white gold clasp, flush-set with circular-cut blue sapphires, length 17 in.

\$6,000 - 8,000

Large and Impressive Gem Moonstone--"A Member of the 100 Carats Club"

A high domed oval cabochon of gem moonstone, displaying a pale celadon hue and a billowy adularescence. This is an exceptional stone for the collector of 100 cts+ gems, yet it can still be mounted and worn as an impressive statement jewel.

Weighing approximately 128.5 carats and measuring 32.0 x 23.5 x 23.5mm

\$4,000 - 6,000

1244

Unusual Star Moonstone

India

This attractive, high-domed cabochon displays a pastel melon-orange hue. It exhibits the unusual dual phenomena of both adularescence and chatoyancy. Weighing approximately 19.20 carats and measuring 14.0 x 12.0mm

\$1,000 - 1,500





1245 Star Sapphire and Diamond Ring

Centrally set with a classic cornflower blue, fine oval cabochon star sapphire, weighing approximately 7.6 carats, the shoulders inset with two circular-cut diamonds, together weighing approximately 0.50 carats, mounted in 14K white gold. The asterism is both strong and central, size 7.

\$9,000 - 11,000

1246

Lavender Purple Star Sapphire

An oval cabochon sapphire of lavender purple hue that displays a strong, central asterism. Weighing approximately 4.01 carats and measuring 7.0 x 7.5 x 5.5mm \$600 - 800

Without Reserve

1247

Large Trapiche Sapphire

Burma

Trapiche sapphires are another kind of "star sapphire". In this case the "star" is not a true chatoyancy but rather a special "color zoning" inside the crystal. Such stones are very rare but are known in Burma. Like the star sapphire, the trapiche crystal's hexagonal nature is made evident by the six-rayed pattern that appears on every well-cut cabochon. The present large, dark blue oval cabochon is smooth polished to the face and matte polished to the reverse. It displays the unusual pattern of a six-rayed spoke or "trapiche" effect.

Weighing approximately 49.32 carats and measuring 28.0 x 20.5 x 6.5mm

\$2,000 - 3,000

1248

Rare and Large Cat's Eye Sillimanite Orissa, India

A fascinating collector's stone sillimanite, an aluminium silicate mineral, is a polymorph with two other minerals: kyanite and andalusite. A polymorph is a mineral that shares the same chemistry but has a different crystal structure with another, or other minerals. Sillimanite is the rarest of these three trimorphs, and it is rarer, still, to see sillimanite in this unusual color—a rich chocolate brown—and with a strong central cat's eye and one of such a large size. This is an exceptionally rare stone for the collector. Weighing approximately 63.15 carats and measuring 22.5 x 14.0mm

\$5,500 - 6,500

1249

Star Ruby

Sri Lanka

A classic alluvial ruby from the desirable location of Sri Lanka, this oval cabochon displays a slightly purplish red hue as well as excellent asterism.

Weighing approximately 2.49 carats and measuring 8.5 x 6.5 x 4.5mm \$1,000 - 1,500

1250

Star Ruby

An oval cabochon ruby having a slightly purplish red color and good to moderate asterism. Weighing approximately 4.25 carats and measuring 10.0 x 8.0 x 5.0mm

\$1,000 - 1,500

Without Reserve

Unmounted Gemstones and Exotic Gemstone Jewelry

1251

Ruby-in-Zoisite Necklace with Diamonds Comprising well-polished beads of fine quality ruby-in-zoisite from Tanzania, faceted into two shapes: elongated faceted drops and 2mm faceted spheres, and featuring a flat faceted plaque of ruby-in-zoisite, to each side, within a single-cut diamond surround, with an anodized magnetic clasp, length 26 1/2in

\$1,000 - 1,500

Ruby-in-Zoisite Ring with Frog

Designed by Sylvia Quispe Aparicio Carved entirely of a single piece of Tanzanian rubyin-zoisite, this novel ring utilizes fine gem quality ruby material to render the portion of where the frog sits on the green matrix. Size 6 1/2 \$1,200 - 1,500

Ruby-in-Zoisite Bangle Bracelet with Frogs

Designed by Sylvia Quispe Aparicio Carved of Tanzania ruby-in-zoisite, this novel bracelet utilizes fine gem quality material while its design takes it to the level of Art. Of hololith form, carved entirely from a single specimen, the frogs are carved of the vivid red portions of ruby while the balance is formed of green zoisite. The eyes are set with faceted rubies rimmed in 18K yellow gold. Weight 1276 carats (255 grams), inner circumference approximately 7 1/2in

\$1,500 - 2,000





1254



Black and Green Jadeite Bangle and a Pair of Black Jade and Diamond Earpendants Comprising a hololith bangle bracelet of green

Comprising a hololith bangle bracelet of green jade graduating to black, polished flat to the outside and slightly rounded to the interior; together with a pair of carved black jade earpendants, suspended from 18K white gold surmounts accented with small diamonds. (2)

\$700 - 900

1255

Two Stingray Cuff Bracelets

Fabricated from farmed raised stingrays of the variety *Dasiatys sephen* the skins can be dyed in a variety of shades, including the celadon green and black seen here. Both are lined with leather, *adjustable size*.

\$400 - 600

Without Reserve

1256 Tanzanite

Arusha, Tanzania

This fine tanzanite, which is fashioned as an oval-cut, displays excellent trichroism in a range of violet to blue hues. Both its luster and clarity are excellent.

Weighing 5.93 carats and measuring 14.0 x 10.0 x 5.5mm

\$2,500 - 3,500

1257

Tanzanite and Black Spinel Necklace and Bracelet

Comprising 3mm polished tanzanite beads of bright purple hue and faceted, scintillating black spinel beads, accented with either black or white enamel and diamond spacer beads, completed with a sterling silver clasp, *length 17in*; together with a matching bracelet, completed with a magnetic clasp, *length 7 1/2in* (2)

\$2,000 - 3,000

1258

"Sierra Black" Jade and Opal Carved Pendant--"The Calla Lily"

Designed and fabricated by Angela Conty
Designed in the form of a calla lily, this attractive
pendant was carved from a single piece of
"Sierra Black", a jade originating in the high
sierra desert of northern Nevada. This lustrous
opaque black material is composed of 80%
plagioclase feldspar, 15% obsidian with trace
elements of rare earth, and 5 % magnetite. The
stamen and pistil are represented by a carved
crystal opal and the pendant is embellished with
a 14K yellow gold leaf-form bail, signed Conty,
height 2 1/2in

\$1,000 - 1,500





1260



Rubellite

This attractive, cushion-shaped tourmaline possesses the precise type of red hues which are so sought after in today's market. Large in size, its luster would allow it to be easily mounted as a ring stone.

Weighing approximately 21.0 carats and measuring 17.5 x 16.5 x 10.0mm

\$4,000 - 6,000

1260

Pink Tourmaline

Distinguished by a pretty pink hue and excellent luster, this is a fine tourmaline of wearable ring size.

Weighing approximately 8.48 carats and measuring 12.0 x 11.0 x 9.0mm \$700 - 900

1261

Exceptional Rich Blue Indicolite Tourmaline

Brazil

Indicolites are some of the rarest and most sought after varieties of tourmaline, noted for their bright blue color. The present ovalcut stone of rich indigo hue displays fine clarity and luster and is an excellent ring-sized stone.

Weighing approximately 5.24 carats and measuring 11.0 \times 9.0 \times 6.5mm \$700 - 900

1262

Tri-color Tourmaline and High-Karat Gold Necklace

Comprising twelve elongated, faceted beads of tri-color tourmaline, ranging from hot pink at one end to yellow, to medium pink to rich green, with hand-made 22k yellow gold spacers set with small faceted rubies, and five hot pink tourmaline bead drops, *length 19 1/2in* \$4,000 - 6,000

1263

Heart-shaped Rubellite Tourmaline

Of ideal size for mounting as a pendant, this large hear-shaped tourmaline is a rich, well-saturated reddish pink which is known in the trade as rubellite.

Weighing approximately 30.0 carats and measuring 23.0 x 17.0 x 12.0mm \$700 - 900

Without Reserve

1264

Large Green Tourmaline

This attractive rectangular, cut-cornered gem tourmaline possesses a rich saturation of bottle green as well as having excellent luster and clarity. Weighing approximately 14.23 carats and measuring 20.0 x 10.0 x 7.0mm \$600 - 800

1265

Blue-Green Tourmaline Butterfly Pendant

Cruzeiro Mine, Minas Gerais, Brazil

The two book-matched tourmalines polished and incised with lines imitative of butterfly wings--the tourmalines having a strong teal blue color and a high degree of clarity. Mounted with approximately 5.1 grams of 18K yellow gold, with pendant bail. *Width 2in*

\$1,500 - 2,000







1266 Emerald

Africa

This very pretty, square-cut emerald is distinguished by vibrant green color, unmasked by yellow. The clarity is excellent for the species as is the luster.

Weighing approximately 1.39 carats and measuring 6.5 x 6.5 x 3.5mm

\$700 - 900

1267

Pair of Carved Emerald Plaques

Each emerald of medium green hue, handcarved in the Indian style with floral motifs to resemble a chapel window. Weighing approximately 31.80 carats and measuring 21.4 x 11.4 x 6.17mm (2)

\$500 - 700

1268

Emerald Bead Necklace

A bib necklace comprising 11 strands of faceted emerald beads of varied color, *measuring from 5.0 to 4.0 mm, weighing a total of approximately 946 carats*, completed by an Indian cord closure, *length 21in*

\$2,500 - 3,500

1269

Emerald

Columbia

A cushion-shaped emerald having a pleasant spring-like, leaf green color, of suitable size for mounting as a ring or pendant. Weighing approximately 9.90 carats and measuring 13.5 x 12.0 x 9.0mm

\$900 - 1,200

1270 Emerald

Columbia

Faceted as an octagonal step cut this emerald has a very pleasant and vibrant green hue and would create an attractive ring or pendant. Weighing approximately 9.04 carats and measuring 12.50 x 10.51 and 8.09mm \$12,000 - 15,000

Accompanied by a Gemological Institute of America report number 6157652552 dated September 12, 2013 stating that the 9.04 carats emerald has indications of moderate of clarity enhancement (F2). Due to their growth conditions in nature and recovery methods, most emeralds contain surface reaching features. For this reason, clarity enhancement is a common trade practice.

1271 Emerald

Zambia

Vivid green in color, this pear-shaped cabochon emerald displays the sought after hue of this variety of beryl which is not masked by any yellow. Its shape, luster and clarity would allow it to form the centerpiece of a fine pendant. Weighing approximately 8.14 carats and measuring 15.0 x 10.5 x 7.5mm

\$9,000 - 11,000

Accompanied by an American Gemological Laboratory report numbered CS60498 dated April 14, 2014 stating that the emerald has only minor traditional clarity enhancement (organic oil type).

1272

Unusual Trapiche Emerald

Muzo, Columbia

Trapiche emeralds are in a class by themselves and are perhaps the rarest and most memorable of "pattern" gems—certainly the most unusual amongst the big three of emerald, ruby and sapphire. Trapiche is the Spanish word for a "spoked wheel" used to grind sugar cane, which bears a striking resemblance to the pattern in these emeralds. They are typically cut en cabochon to display the beautiful spoke-like star which emanates from a hexagonal center with the areas in between filled with lively green emerald. These rays, which appear like asterism, are not caused by light reflections from tiny parallel inclusions (as are stars), but from white albite feldspar impurities that happen to form in the same pattern. Gemological examination shows that the trapiche is a single crystal and not a twinned specimen as was originally thought. Trapiche emeralds are valued based on a number of factors: saturation and even color, clarity, size and the most important being the definition, completeness and centering of the "rays."

Polished on both sides as well as the edges to reveal a very high degree of transparency with a well-defined central central six-rayed spoke of rich black contrasting dramatically against the vivid green.

Weighing approximately 6.25 carats and measuring 14.0 x 12.0 x 4.0mm

\$6,000 - 8,000

1273

Pair of Trapiche Emeralds

Muzo, Columbia

Each of well-saturated green color, with distinct six-rayed spokes, the edges between lightly polished for symmetry.

Weighing approximately 3.90 carats in total or 2.08 carats and 1.84 carats respectively and measuring 11.0 x 11.0 x 3.0mm

\$1,500 - 2,000





Two Jade Pendant Necklaces

The first pendant of russet jade, height 3in, depicting various Chinese motifs including a bat, a fish, a coin, and carved to the reverse as well, suspended from a multi-color jade 7mm bead necklace, length 26in; the second, of lavender and green jade depicting a dear amidst bamboo, height of pendant: 3in, length 22in (2) \$600 - 800

1275

Petrified Wood Bib Necklace

Arizona

Comprising five strands of polished, barrel-form and rondel-shaped beads of agatized wood, displaying the classic hues for which the Arizona locality is renowned, completed by a hand-cast bronze clasp, *length of shortest strand: 17in* \$700 - 900

1276

Rutilated Quartz and Multi-gem Necklace and Earrings

Brazil

This highly unusual necklace is composed of faceted rutilated quartz beads of marquise-shaped outline. They are successfully combined with turquoise rondels, faceted citrines, smoky quartz, and completed by an almandine garnet-set gold vermeil clasp, *length 17 in*; together with a pair of matching earrings having 20K yellow gold earwires. (2)

\$700 - 900

1277

Unusual Faceted Carnelian and High-Karat Gold Necklace

Idar-Oberstein, Germany

Comprising twenty-five faceted carnelian beads that have unusual triangulated facets to the center, and matte finish to the sides, completed by an 22K yellow gold Balinese clasp with invisible bayonet closure, *length 17in*

\$700 - 1,000







1278 Vivid Lilac Kunzite

Oceanview Mine, Pala District, San Diego County, Calafornia

This gem lilac kunzite is from the last working mine in San Diego County. Fashioned as a pear-shape, the luster of the stone reveals an excellent clarity.

Weighing approximatley 33.98 carats and measuring 32.0 x 14.0 x 10.0mm

\$3,000 - 4,000

1279

Vivid Lilac Kunzite

Oceanview Mine, Pala District, San Diego County, Calafornia

This gem lilac kunzite, fashioned as an octagonal, cut-cornered scissors-cut, is from the last working mine in San Diego County. The color is an astonishingly vivid lilac purple, the luster excellent and the clarity as well. The finest natural kunzites in the world are presently being produced in this mine--a rare and limited source with scant output. Weighing approximately 16.89 carats and measuring 18.0 x 11.0 x 8.0mm

\$1,500 - 2,000

1280 California Pink Tourmaline

Himalaya Mine, Mesa Grande District, San Diego County, California

This is a gemmy, lozenge-cut tourmaline from the classic, long closed Himalaya Mine. Its unmitigated, hot candy-colored pink makes it easy to understand why this mining district became the famous locality which it once was at the turn of the last century.

Weighing approximately 14.50 carats and measuring 22.0 x 19.0 x 9.0mm

\$2,500 - 3,000

1281

Very Fine Purple Cuprian Tourmaline *Mozambique*

Exceptional size, superb natural color saturation, excellent luster are all hallmarks of this stunning and very vivid purple copper-bearing gem. This is an unenhanced fine example of the material from this location and a hue which is exceptionally rare.

Weighing approximately 13.09 carats and measuring 16.0 x 13.5 x 9.5mm

\$25,000 - 30,000

1282

Multi-color Tourmaline Necklace

Comprising three strands of faceted oval tourmaline beads of green, pink, yellow, rubellite, weighing approximately 400 carats, completed by a delicate 18K yellow gold clasp. Lenath 16in

\$2,000 - 3,000

1283

"Paraiba-type" Tourmaline

Mozambique

This is a fine, faceted oval mixed-cut tourmaline of substantial size which possesses a very pleasant pastel, swimming pool blue color. Both the luster and clarity are exemplary. Weighing approximately 23.2 carats and measuring 18.2 x 16.3 x 12.0mm \$3,500 - 4,500

1284

Paraiba Tourmaline Cabochon *Brazil*

From the type locality in Brazil, this gorgeous gumdrop cabochon possesses the correct color and translucency in addition to the sought-after, vivid neon blue color. This is a desirable stone for the collector.

Weighing approximately 6.50 carats and measuring 12.0 x 10.0 x 6.0mm

\$7,500 - 9,500





Carved Jet, Cultured Pearl, Ruby Bead and Diamond Necklace

Comprising a dramatic juxtaposition of colors with carved Mongolian jet beads, *diameter 18mm*, with a tassel pendant formed of five lines of 8.0mm white cultured pearls, terminating in melon-form carved ruby beads, with small seed pearls below, with diamond-set snake pendant ornament set with faceted ruby eyes, the jet beads with with invisible bayonet clasp, *length 19in*

\$800 - 1,200

1286

Ruby Necklace

Comprising eight strands of rubies, each having a combination of larger polished beads and faceted beads as well, with rich red color, *gross weight approximately 1219.0 carats*, completed by an 18K yellow gold clasp of conical form, *length 20in*

\$6,000 - 8,000

1287

Fine Pair of Rubies

John Saul Mine, Longido, Tanzania

The first gemstone deposits found in East Africa were in Longido, Tanzania. Their production was generally small or of poor quality gems. However, a fantastic mid-1970s discovery of chromium-rich rock yielded not only some wonderful green tourmalines but some wonderful rubies, also colored by chromium, which required no enhancement. The color of these stones was splendid and their quality put East Africa on the map of gem-producing countries—right up there with Burma and Sri Lanka. Indeed some of the rubies from the mine were of such a fine distinctive shade of ruby-red which would later become a standard of quality. To cutters around the world the expression "johnsaul" simply grew to mean "very fine red" when it came to describing rubies. It is said that Van Cleef and Arpels bought a very large portion of the production of this mine at the time.

The present pair of oval cabochons of natural and unenhanced ruby are an excellent example of classic, natural material from this famed mine. Rubies which are non-heated are scarce in the marketplace.

Together weighing approximately 5.4 carats and measuring 9.5 x 7.0 x 4.0mm \$6,000 - 8,000

Accompanied by an American Gemological Laboratory report.

1288

Purplish Pink Spinel

This pretty spinel displays an equal saturation of both pink and purplish hues, as well as displaying fine luster. Natural, unenhanced spinels are rare in today's market.

Weighing approximately 3.49 carats and measuring 9.0 x 8.2 x 5.5mm \$700 - 900

Without Reserve

Accompanied by a Gemological Institute of America identification report no 2151803338 dated November 27, 2013 stating that the natural purplish pink spinel shows no indications of heating.





1289



1290



1291



1292

1289 Large Red Spinel

Burma

Spinels of over 5 carats are exceedingly rare and this one of well over twice that weight is very large for the species. Displaying the color of a robust claret wine, its clarity and luster are both excellent.

Weighing approximately 12.27 carats and measuring 13.5 x 13.0 x 8.2mm \$3,500 - 4,500

1290

Red Zircon

Sri Lanka

Zircon is found worldwide in igneous rock formations and gem gravels. Thailand, Cambodia, and Sri Lanka are the sources of the largest gem crystals and the greatest variety of colors. For centuries Sri Lanka has produced the major portion of the world's zircon gem material—it is the source of the present stone. The beauty of zircon's adamantine luster and a dispersion approaching that of diamond is often not appreciated. Designed to take advantage of these properties a special type of faceting has evolved for this gem known as the "zircon cut". A variation of the brilliant-cut, an extra eight facets are added to the pavilion. The present cushion-shaped stone is a gem in every sense of the word: its fine transparency reveals an eye-clean interior; the expert faceting enhances the exquisite red flashes deep within the body in a delicate interplay with the superb luster. A rare color for zircon, typically seen in shades of yellow, green, and brown, this pretty oval faceted gem exhibits a rich, wine red color and has excellent transparency, luster and polish.

Weighing approximately 8.85 carats and measuring 10.5 x 9.5 x 7.5mm \$1,200 - 1,500

1291 Cuprite

Onganja, Namibia

A fine oval-cut cuprite displays the sought after qualities of this rare collector's stone with its rich red body color and metallic luster. Weighing approximately 7.25 carats and measuring 13.0 x 8.0 x 4.0mm \$700 - 900

1292

Pair of Fiery Red Rhodochrosites

Argentina

Typically seen in light pink hues, this locality is infrequently seen to produce a bright red rhodochrosite. The present pair of oval cabochons exhibits good translucency and, above all, vibrant color.

Weighing 16.5 and 16.27 carats and measuring approximately 17.5 x 12.5mm

\$700 - 900

1293

Exceptional Gem Red Amber Bead Necklace--"Spirit of the Tiger" late Oligocene,

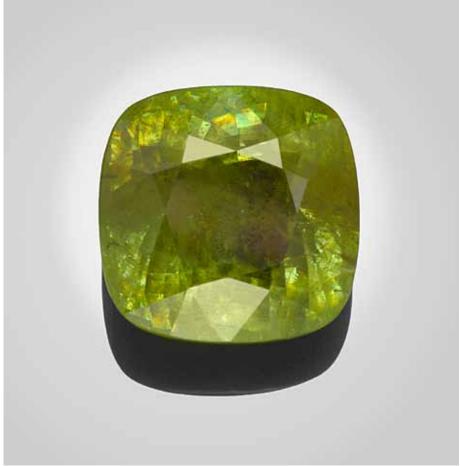
24-30 Million years ago

Chiapas, Mexico

A revered substance in many cultures, amber is held in particularly high esteem by the Chinese whose name for it means "tiger spirit". Amber figures prominently in Chinese medicine and folklore. The present piece, was a product of the leguminous *Hymenaea courbaril*, a close relative of the *Hymenaea* tree which produced the Dominican variety of amber but significantly more rare. Originating from a region which is no longer producing, this stunning necklace can be termed a "collection piece", i.e. that its owner would have had to search a significant length of time to locate 19 nuggets of such consistently well-matched transparency and deep red hue, the longest of which measures 3in. Each nugget is honed to a fine polish to best reveal the extraordinary clarity as well as the stunning red hue, which is entirely natural and untreated. *Weighing approximately 360 grams. Length approximately 30in*

\$12,000 - 15,000





1294

1294 Large Sphene

Madagascar

The name sphene is derived from the Greek word for "wedge", because of its typical wedge-shaped crystal habit. It is also frequently called titanite due to its titanium content. Sphene can be faceted although it is considered a rarity on the gem market. Infrequently seen in such a large size the present sphene, faceted as a cushion-cut would create an excellent pendant.

Weighing approximately 20.40 carats and measuring 14.94 x 14.79 x 10.15mm

\$1,500 - 2,000

1295

Green Quartz

Either to be retained as a collector's stone for display, or to be mounted as jewelry, this oval-cut gem displays a unique rich, leaf-green color which is owed to an enhancement which is widely practiced in the industry. The expert faceting reveals a high degree of clarity and luster.

Weighing approximately 48.73 carats and measuring 30.0 x 23.5 x 15.0mm \$1,000 - 1,500

1296

Exotic Amethyst and Green Quartz Necklace

Of bib form, comprising three cross-section slices of an amethyst stalactite, between a large quantity of bezel-set purple amethysts faceted in marquise, round pear and oval-shapes, accented with eight bezel-set green quartzes, completed with an adjustable silver link clasp.

\$1,000 - 1,500

1297

Large Amethyst--"A Member of the 100 Carats Club"

An oval, mixed-cut purple amethyst having a lovely vivid violet hue, excellent luster and clarity.

Weighing approximately 110.56 carats and measuring 37.29 x 25.34 x 20.00mm

\$1,000 - 1,500

Accompanied by a report from the Gemmological Institute of Colombo, Sri Lanka dated February 11, 2014 stating natural Quartz, variety amethyst and that the stone has "an attractive vivid Purple body colour with good clarity and brilliancy."

1298

Amethyst and Green Quartz Bracelet

En suite with the previous lot, this exotic bracelet centers on a polished cross-section slice of an amethyst stalactite, between bezel-set faceted amethysts of pear, round, oval and marquise-shapes as well as eight pastel green amethysts, adjustable length.

\$700 - 900

1299

Two Fantasy Carved Quartzes

Including a kite-shaped near-colorless quartz, weighing approximately 14.76 carats, height 23mm; and a fantasy-cut citrine, weighing approximately 47.9 carats, height 37.0mm, both with reverse carved "bubble" decoration. (2)

\$200 - 400

Without Reserve





Impressive Shattukite Necklace

Shattuck Mine, Bisbee, Arizona

Shattuckite is a rare copper silicate mineral, which like a number of other secondary copper minerals has a very attractive blue color. It is named after its type locality, The Shattuck Mine, where it was first discovered in the copper mines of Bisbee, Arizona. At the Shattuck Mine, it forms pseudomorphs after malachite, i.e. it replaces the crystal structure of the original malachite atom by atom. Shattukite takes a very good polish and is particularly excellent when used for carving—it is rarely seen in bead form as it appears here. A desirable stone for metaphysics, many believe that this mineral stimulates the energies of the throat chakra and the third-eye, producing clear concise verbalization of psychic visions and the contacts with other worlds. The present bib necklace consists of 5 strands of rondel and barrel-shaped beads of shattukite, completed with an adjustable silver clasp to allow for varying lengths, total aggregate weight approximately 936 carats, length of shortest strand: 16in \$800 - 1,200

1301

Impressive Lapis, Turquoise and Yellow Gold Earpendants

Comprising two large pear-shaped drops of faceted lapis lazuli, set within borders of bright robin's egg blue turquoise, prong-set and mounted in a hand-made earrings fabricated of a substantial amount of 18K yellow gold, with shepherd's crook earwires. *Length 6 1/2in* \$1,500 - 2,000

1302

Impressive Lapis Lazuli and Gold Vermeil Necklace

Designed and fabricated in Idar-Oberstein, Germany
A necklace which Queen Nefertiti herself would have been proud to
wear, these hand-carved lapis beads of barrel form, have a rich and
gemmy blue color revealed by their high polish. They are interspersed
with 18K yellow gold plated silver spacer beads to form a dramatic
visual contrast. Length 19 1/2in

\$3,000 - 4,000





1303



1304



1305

Matrix Opal and Gold Pendant

Andamooka, South Australia

Large black matrix opal cabochon exhibits blue and green patches of fire within the treated black matrix. Bezel set in an open-backed 14K yellow gold frame and bail. *The total weight approximately 79.86 carats inclusive of mount; Measuring 44 x 30 x 9.7mm, exclusive of bail.*

\$1,000 - 1,500

1304

Large White Crystal Opal

Lightning Ridge, Australia

Suitable for mounting as an impressive pendant, this large cabochon has excellent face-up appeal and full spectral play-of-color with vivid green, violet and orange predominating. Originating from the locality most typically known for the finest black opals, Lighting Ridge is also known for some very fine white body color opals such as the present stone.

Weighing approximately 26.0 carats and measuring 44.0 x 22.0 x 4.0mm

\$1,200 - 1,500

1305

Black Opal Bead Necklace

Lightning Ridge, Australia

A single strand necklace consisting of 38 slightly graduated lentil-form beads, *measuring 10.0 to 5mm*, black to semi-black body color with iridescent green flash. *Gross weight approximately 78.0 carats. Length 18in*

\$800 - 1,200

1306

Very Fine Aquamarine Bead Necklace

Idar-Oberstein, Germany

Consisting of very large sea blue aquamarine beads from Nigeria having great translucency and an excellent saturation of color. The rondel-form polished beads graduating from 10 to 20mm at the center, having a total weight of 868 carats. Completed by an 18K yellow gold clasp, embellished with a matte texture, *length 18in*

\$7,000 - 9,000

1307

Aquamarine and Yellow Gold Hololith Ring

Designed and fabricated in Idar-Oberstein, Germany

Carved from a single piece of sea blue aquamarine from Nigeria, polished on all sides, lined in 18K yellow gold with a ring fitting, total gross weight 91.5 carats, stamped 750, size 7.

\$2,000 - 3,000

1308

Morganite

This very pretty pear-shaped morganite has an attractive pastel pink hue and excellent luster. Weighing approximately 24.10 carats and measuring 26.0 x 18.0 x 8.0mm

\$500 - 700

1309

Golden Beryl var. Heliodor

Faceted as an elongated rectangular cushion-cut, this beryl has a pleasant yellow hue and excellent luster.

Weighing approximately 32.49 carats and measuring 32.55mm

\$500 - 700





1310



1310

White Crystal Opal

Coober Pedy, Australia

The semi-transparent white crystal opal pear-shaped cabochon, polished on both sides, showing very large patches of red fire beside further regions of pinfire play-of-color in red, yellow, green, and blue. Weighing approximately 8.15 carats and measuring 25.8 x 14.7 x 2.7mm \$700 - 1,000

1311

Jelly Opal in Matrix and Gold Ring

Mexico

This handsome ring centers on a sherry-colored oval cabochon jelly opal in matrix which has incredible fire and liveliness, the red patches of fire edged in green, *measuring approximately 15 x 12mm*, bezel-set in an open-backed mounting in a 14K yellow gold, *Size 8 ½* \$900 - 1,200

1312

Two Topazes: Blue and Colorless

Comprising a pear shaped colorless topaz, weighing approximately 21.77 carats and measuring 21.5 \times 15.0 \times 9.0mm; together with an oval-cut blue topaz, weighing approximately 50.52 carats and measuring 23.0 \times 18.0 \times 13.0mm (2)

\$300 - 500

Without Reserve

1313

Aguamarine and Freshwater Pearl Necklace

A single strand necklace comprising a graduated series of irregularly faceted large aquamarine beads having a bright sea blue color, interspersed with bouton-form freshwater white pearls, *measuring 10mm in diameter*, completed by a silver clasp, *total gross weight approximately 1000 carats, length 24in*

\$700 - 900

1314

Carved Blue Topaz and Freshwater Pearl Necklace

Designed and fabricated by Angela Conty

A quintessentially feminine design, centering on an 18K yellow gold and sterling silver pendant featuring carved blue topaz flowers, together weighing approximately 23.5 carats, accented with two carved blue topaz leaves, together weighing approximately 15 carats, with 0.20 carats of blue sapphires, accented with drop-shaped freshwater pearls, suspended from a double strand freshwater keshi pearl necklace, interspersed with small faceted blue topaz beads, signed Conty, length 16in

\$4,500 - 5,500



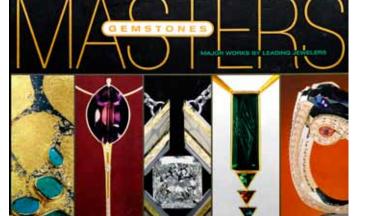


1315



1315 (detail)

1315 (detail)



1316 (detail)

1315

Carved Opal, Sunstone, Palladium and Diamond Fairy Brooch Designed and fabricated by Angela Conty

This is a unique, one-of-a-kind brooch which exhibits the highest standards of excellence both in gold smithing and in lapidary work. The fairy's wings are carved of two fiery Ethiopian opals having a distinct orange body color with spectral play-of-color within. Her figure has been entirely hand-cast of palladium with a bodice that has been inset with small brilliant-cut diamonds to the neck and bustline. Her slippers are also pavé-diamond set. The fairy holds a bouquet of carved Oregon sunstone roses, the stems of which are formed of 18K gold wire. She wears a belt formed of tiny beads of Ethiopian fire opals, above a "see-through" skirt formed of crocheted 18K yellow gold. Signed Conty. Height 3in \$9,000 - 12,000

1316

Multi-gemstone, Gold and Drusy Onyx Necklace--"The American Ingenuity Necklace"

Designed and fabricated by Jeffrey E. Appling, 2003

The title "American Ingenuity" captures the spirit of motion conveyed by this unique necklace. Centering on a circular-cut, Bolivian ametrine, weighing approximately 47.01 carats, cut by award winning gem carver, Michael Dyber, featuring concave circles which are reverse intaglio carved. The pendant is surrounded by bezel-set amethysts and citrines, and bordered by sixty small diamonds. Three circles of "Torus-cut" chrome tourmalines (disc form with incised lines), a signature cut by noted gemcutter Glenn Lehrer, appear as spinning wheels setting the piece "in motion" with their diamonds accents. The x-form necklace links are bezelset with spessartite garnets, weighing approximately 2.52 carats, rubellite tourmalines, weighing 3.26 carats, and tsavorite garnets, weighing approximately 3.25 carats, and blue sapphires, weighing approximately 2.86 carats, they connect rhodium-plated drusy onyx gems--providing a uniquely scintillating effect when the wearer moves. The entire necklace is cast and hand-fabricated in 14K white gold. Completed by a lobster claw clasp. Length 18 1/2in

\$60,000 - 80,000

Accompanied by the book "Masters: Gemstone, Major Works by Leading Jewelers", Curated by Alan Revere, 2008, in which this necklace is featured on page 253, together with an overview of Appling's work.





1317



1318



1318A

1317 Yellow Orthoclase Feldspar

Itrongahy , Madagascar

Faceted in Idar-Oberstein, Germany
The name orthoclase is from the Greek for "straight fracture," because its two cleavage planes are at right angles to each other. Orthoclase belongs to the feldspar family of minerals that make up more than half of the Earth's rocky crust. Very rarely these common minerals form crystals that are gem quality. Orthoclase can be found as a transparent colorless, champagne, or yellow gem resembling citrine quartz or yellow beryl. The present cushion-shaped gem, is of large size, displays a bright yellow hue and has excellent luster.

Weighing approximately 71.3 carats and measuring 29.0 x 26.0 x 15.0mm \$1,200 - 1,500

1318 Rutile and Hematite-in-Quartz *Brazil*

Of interest to the collector of included quartzes is this oval cabochon with the rare inclusion of golden needles of rutile emanating from a hematite center along the hexagonal axis. The lustrous polished quartz dome reveals the glistening rutile needles to the interior. Weighing approximately 55.7 carats and measuring 30 x 22 1/2 x 10mm \$600 - 800

1318A Carnelian Agate Cameo

Idar-Oberstein, Germany
The carving of hardstones is the specialty of Idar and this pretty example is an illustration of why the city became so famous for it. The agate depicts two females busts in profile with minutely detailed flowing hair and clothing. Weighing approximately 37.0 carats and measuring 35.0 x 27.0 x 3.5mm

Without Reserve

1319 Blue Zircon

\$300 - 400

Rich color and good luster are the strongest attributes of this large blue zircon. Weighing approximately 17.48 carats and measuring 14.0 x 10.5 x 10.0mm \$1,000 - 1,500

1320 Golden Yellow Zircon

Zircon is an important gemstone which is available in a number of colors, and it is an historical gemstone which has been used in jewelry for thousands of years. Colorless examples have been used as diamond simulants for centuries. Its color diversity is caused by traces of certain impurities. The present attractive oval cut zircon displays a rich golden yellow hue, excellent luster and very good clarity for the species.

Weighing approximately 25.0 carats and measuring 20.0 x 15.0 x 7.5mm \$1,000 - 1,500

1321

Citrine Bead Necklace

Comprising three strands of polished citrine beads of bright yellow color, weighing approximately 1000 carats, completed by an 18K yellow gold s-hook clasp. Length 15in \$1,500 - 2,000

1322

Two Sphenes

Madagascar

The classic green sphene, of cushion form, having excellent dispersion, weighing approximately 3.56 carats and measuring 10.0 x 8.5 x 5.5mm; and an oval-cut brown sphene, having firey red dispersion, weighing approximately 5.04 carats and measuring 11.0 x 9.0 x 5.5mm (2)

\$800 - 1,200

1323

Fancy Colored Diamond

A large faceted, modified trangular brilliant-cut diamond of brown-greenish yellow color. Weighing approximately 20.61 carats and measuring 19.21 x 15.91 x 11.71mm \$15,000 - 20,000

Accompanied by a Gemological Institute of America report no. 11207507 dated August 1, 2000 stating that the modified triangular brilliant is a natural fancy brown-greenish yellow diamond.

1324 Peridot

Pakistan

This attractive oval-cut peridot has a number of desireable characteristics: a wearable size, a pretty color which is not dominated by yellow and excellent luster.

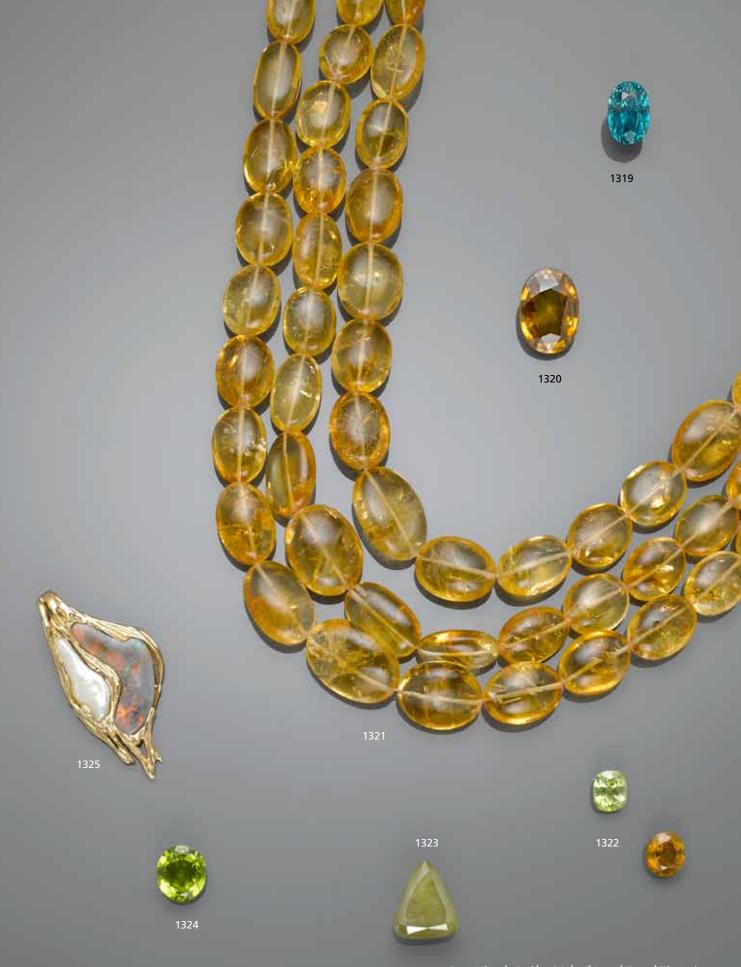
Weighing approximately 8.75 carats and measuring 13.5 x 12.0 x 6.5mm \$1,200 - 1,500

1325

Grey Opal with Red Fire, Pearl and Gold Pendant

Lightning Ridge, New South Wales, Australia Of abstract design, mounted in a freeform setting of cast 14K yellow gold and featuring a boomerang-shaped grey body color opal, (estimated to weigh approximately 10 carats) which displays extensive red fire with additional spectral flashes of green, blue, teal, orange and yellow; set with a lustrous, white freshwater pearl. Height 2in

\$1,500 - 2,000









1326 1327 1328







1329 1330 1331

1326

Jelly Opal "Tree of Life" Brooch/Pendant Designed in the form of a tree with branches, the "fruit" represented by 11 bezel-set jelly opals of either pear-shaped or oval form. The opals are highly transparent jelly with excellent internal fire in variegated colors. The largest cabochon opal is pear-shaped and measures approximately 12 x 9 mm. The bezels for all of the opals are mounted with jump rings to allow them to swing with the movement of the wearer--which adds scintilation to the play-ofcolor within the opals. Mounted in 14K yellow gold. Total gross weight 48.1g With integral pendant bail and brooch fitting. Height 2 3/4in

1327 Black Opal with Red Fire Ethiopia

\$2,000 - 3,000

An oval cabochon black opal having significant play-of-color predominating in red tones, with vivid green, orange and yellow also visible. With an even-toned potch to the reverse. Weighing approximately 10.68 carats and measuring 20.0 x 14.8 x 6.29mm \$3,000 - 4,000

Accompanied by a Gemological Institute of America report no. 2131986287 dated October 11, 2011 stating that the double cabochon black opal is natural with no indications of color treatment.

1328

Opal and Multi-gemstone Intarsia Neck Ornament with Ribbon

Bv Nicolai Medvedev

Retailed by E.F. Watermelon

Medvedev's works are featured in the National Gemstone Collection of the Smithsonian. He is considered to be a master of gemstone intarsia work and this present ring bears evidence to that. Designed as a neckpiece to be worn with a tuxedo, the intarsia ornament slides on a black satin ribbon with 14K gold adjustable fittings. Of hexagonal outline, centering on a hexagonal panel of white Harlequin opal, within a border of turquoise, and additional borders of white opal and lapis lazuli, mounted in 18K yellow gold and backed with lapis lazuli. Signed *N. Medvedev*, dated 1989. Measuring 2 x 1 ½ x 3/8in \$1,000 - 1,500

1329

Opal and Multi-gemstone Intarsia Ring By Nicolai Medvedev

Medvedev's works are featured in the National Gemstone Collection of the Smithsonian. He is considered to be a master of gemstone intarsia work and this present ring bears evidence to that. Of hexagonal outline an intarsia of natural gemstones is comprised of azur-malachite, sugilite, turquoise, white opal, and malachite within a lapis lazuli borders. *Measuring 3.1 x 2.7cm; Size 12 1/4* \$800 - 1,200

1330

Bright Orange Jelly Opal Tie Pin *Mexico*

The gold tie pin designed in the form of a pruned tree trunk, set with a transparent orange pyramidal free-form faceted bright orange jelly opal showing green, yellow and orange internal fire, the stone *measuring approximately 15 mm in height;* uniquely set using pruned gold tree branches as prongs. Mounted in 14K yellow gold. *Total gross weight: 24 grams; Length 2 1/4in*

\$1,400 - 1,800

1331

Fine Crystal Opal and Gold Ring

A handsome and substantial ring set with a translucent white opal oval cabochon with large patches of fire in all colors, prong mounted within a protective collar in a 14K yellow gold ring, stamped 585, and numbered 1144. The mount with open back. Total weight approximately 14.1 grams, the opal measuring 15.1 x 13.1 x 6.9mm. Size 9 ¾

\$2,500 - 3,500







1334



Rare Gemstones of Distinction

1333

Rare Transparent Amazonite Feldspar

Luc Yen, Vietnam

Amazonite feldspar is found in many pegmatites around the globe, ideally showing beautiful prismatic bluish-green crystals that are almost always milky and opaque--very rarely are they clean enough to facet. Amazonite is a gemological term that can apply to green and bluish-green feldspars(both microcline and orthoclase) recognized since the early 1900s. This particular pocket was uncovered in 1997 and contained many high quality tourmaline crystals along with some gemmy amazonite feldspars. The color is reminiscent of neon-green "paraiba" tourmaline, showing fluorescent-like properties in daylight. This is fairly common mineral transformed into extremely rare and beautiful faceted gem. Weighing approximately 12.21 carats and measuring 18 x 14 x 10mm \$15,000 - 20,000

1334

Rare and Spectacular Cuprite

Onganja, Namibia

Considered by many to be one of the most beautiful gems in the world. Given the crystalography of cuprite, most crystals are far too small to facet into gemstones. The present stone, a spectacular, flawless emerald-cut was faceted in the 1970s. At the time this mine produced some large crystals which were capable of being faceted. This mine has long been depleted and most of these rare crystals were bought by major mineralogical museums or by private collectors. Bonhams is delighted to offer this rare collector's gem.

Weighing approximately 85.85 carats and measuring $23.0 \times 18.0 \times 12.0$ mm \$9,000 - 12,000

1335

Very Fine Trapiche Emerald

Coscuez, La Peña Blancas

Muzo Mining District, Columbia

Trapiche emeralds are in a class by themselves and are perhaps the rarest and most memorable of "pattern" gems—certainly the most unusual amongst the big three of emerald, ruby and sapphire. Trapiche is the Spanish word for a "spoked wheel" used to grind sugar cane, which bears a striking resemblance to the pattern in these emeralds. They are typically cut en cabochon to display the beautiful spoke-like star which emanates from a hexagonal center with the areas in between filled with lively green emerald. These rays, which appear like asterism, are not caused by light reflections from tiny parallel inclusions (as are stars), but from white albite feldspar impurities that happen to form in the same pattern. Gemological examination shows that the trapiche is a single crystal and not a twinned specimen as was originally thought. Trapiche emeralds are valued based on a number of factors: saturation and even color, clarity, size and the most important being the definition, completeness and centering of the "rays."

The present cabochon is rare for its large carat weight as well as for its rich color, "gemminess" and a high dome recommend this excellent example of the rare trapiche phenomenon found in emerald. Weighing approximately 15.16 carats and measuring 15.2 x 14.0 x 8.0mm \$9,000 - 11,000

Very Fine Large Yellow Sapphire

Sri Lanka

Exceptional in color, this large oval mixed cut yellow sapphire is a rare object of desire in today's market. Large sapphires which are unenhanced are rarely seen and this one is exceptional for its beautiful saturation of yellow, its clarity and also its luster. This is an excellent choice for the collector of rare, but wearable gemstones.

Weighing approximately 44.34 carats and measuring 20.64 x 19.20 x 13.53mm

\$35,000 - 45,000

Accompanied by an American Gemological Laboratories report CS 54706 dated May 10, 2013 stating that the 44.43 carats Yellow Sapphire originates from Sri Lanka and that there is no evidence of heat treatment.



1336 (detail)



1336



1337



1338



1339

1337 Rare Pair of White Sapphires

Mogok, Burma

White sapphires are rare as most sapphires of this color are heat treated to produce blue stones and are very infrequently left as near-colorless stones. The present offering is all the more rare for being a pair. Fashioned as circular-cut stones, these display excellent luster and brilliance. (2) Weighing 14.75 carats together (7.33 and 7.42 carats) and measuring 12.2 x 6.5mm and 12.2 x 7.0mm

\$20,000 - 30,000

Accompanied by a report from the Asia Glory Gemmological Laboratory of Myanmar no. 011141 dated September 3, 2013 stating that the pair of stones weighing approximately 7.3 and 7.4 carats are natural white sapphires with no indication of thermal treatment.

1338

Lovely Blue Sapphire

This attractive, oval-shaped, cornflower blue sapphire has excellent luster and fine clarity. Its size and fine quality would ideally lend itself to being mounted as a ring. The vast majority of sapphires on the market have had some form of heat treatment to enhance their color and appearance. Nonetheless, the aesthetics of a stone should be judged on its own merits and this one is likely to bring great pleasure to its wearer. Weighing approximately 8.95 carats and measuring 12.26 x 10.21 x 8.05mm \$8,000 - 10,000

Accompanied by an American Gemological Laboratory report number CS 57803 dated November 5, 2013 stating that the 8.95 carats blue sapphire has been heat treated.

1339

Pair of Large Blue Sapphire Cabochons

Displaying the classic blue hue for which this prestigious locality is known, this well-matched pair of cushion-shaped, flat tablet form cabochons, would create a fine pair of earrings. Unenhanced sapphires are rare in today's market.(2) Weighing 64.66 and 57.00 carats and measuring 29.84 x 24.93 x 6.67 mm and 29.76 x 25.00 5.84mm. Total weight approximately 121.66 carats. \$6,000 - 8,000

Accompanied by a American Gemological Laboratory report CS5160 A and B dated October 9, 2012 stating that the sapphires are natural and without heat enhancement.

1340

Suite of Fifteen Sapphire Cabochons

Burma

A fifteen piece suite of natural blue sapphire cabochons having rich blue color, suitable for mounting as a necklace and a pair of earrings. Thirteen sapphires, weighing a total of approximately 90.5 carats and graduating from 15.0 x 13.5 x 3.5mm at the center (with individual weights as follows: 9.57 cts, 8.85 cts, 8.14 cts, 8.07 cts, 7.72 cts, 7.49 cts, 6.99 cts, 6.47 cts, 6.40 cts, 5.65 cts, 5.35 cts, 5.22 cts, 4.79 cts); together with a pair of sapphires suitable for mounting as earrings, together weighing approximately 6.86 and 6.93 carats respectively and measuring 14.0 x 10.5 x 4.0mm and 14.0 x 10.0 x 4.0mm. Total approximate weight of all fifteen sapphires is 104.29 carats.(15) \$25,000 - 30,000

The pair of sapphires accompanied by an American Gemological Laboratories report number CS 59830 A and B dated 26 March 2014, stating Natural Corundum, Blue Sapphire, weighing approximately 6.88 and 6.82 carats origin: Burma (Myanmar) and no indication of heat enhancement.

The entire suite of sapphires accompanied by an Asia Glory Gemmological Laboratory of Myanmar report no. 012187 dated November 24, 2013 stating that the suite of 15 sapphires originates from Mogok, Myanmar and shows no indications of thermal treatment.





1341



1342

1341 Rare and Exceptional, Large Blue Spinel Sri Lanka

This is an exceptionally fine blue spinel of very large size. Just as Sri Lanka produces both rubies and blue sapphires, it also produces both red and blue spinels. With a color that is reminiscent of the finest blue sapphire, this oval-cut gem displays both excellent luster and transparency and an exceptionally well-saturated color that is unmasked by any grey.

Weighing approximately 8.79 carats and measuring 14.0 x 12.0 x 7.5mm

\$40,000 - 50,000

1342 Fine Rose Spinel

Burma

This large, oval-cut rose spinel displays a wellsaturated deep rose hue as well as excellent luster. Such stones are becoming increasingly rare in today's market.

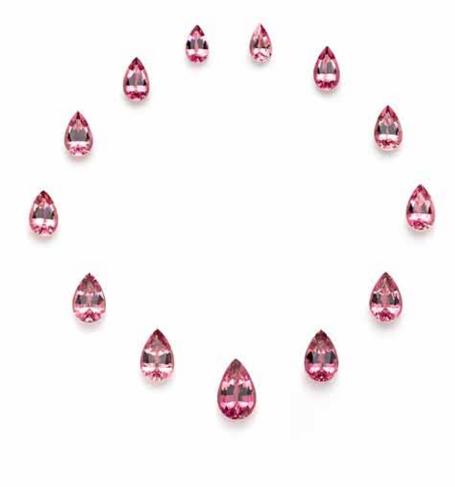
Weighing approximately 7.78 carats and measuring 12.5 x 11.5 x 7.0mm

\$9,000 - 11,000

1343

Suite of Sixteen Hot Pink-Rose Spinels Pamir Mountains, Tajikistan

This fine suite of lustrous, gem-quality spinels reveals the reasons why this historic site became so renowned for its gemstones. Comprising fifteen pear shapes, suitable for mounting as a necklace with individual weights approximately as follows: 5.54 cts, 4.14 cts, 4.43 cts, 3.64 cts, 3.38 cts, 2.63 cts, 2.80 cts, 2.40 cts, 2.47 cts, 1.84 cts, 1.96 cts, 1.13 cts, 1.32 cts; and earrings: 3.23 cts and 3.42 cts; together with an oval-cut, suitable for mounting as a ring, weighing approximately 5.15 carats and measuring 11.5 x 9.0 x 6.0mm. Total approximate weight 49.51 carats (16) \$60,000 - 80,000







1344 (detail)



1344

1344 Exceptional Pair of Cat's Eye Chrysoberyls Sri Lanka

Each gem, in this well-matched pair of circular cat's eye chrysoberyl cabochons, displays the illusive and the most sought-after color known in the trade as "milk and honey". Equally important is the phenomenon of chatoyancy: they display an astonishingly strong and central cat's eye effect. As fine a pair as one could hope to find, they are also beautifully matched for translucency, polish and well-matched diameters.

Together weighing approximately 14.08 carats and measuring $10.0 \times 8.0 \text{mm}$ and $9.5 \times 7.2 \text{mm}$. (2) \$60,000 - 70,000





1345 (detail)

1345 (detail)



1345

1345

Alexandrite and Platinum and Diamond Ring

Infrequently seen in sizes of larger than one to two carats, chrysoberyl alexandrites are a rare gemstone. The present stone has a unique color-change phenonmenon alternating from yellowish green changing to brownish yellow. Beautifully faceted as a cushion-cut, *weighing approximately 29.97 carats and measuring 18.36 x 16.49 x 11.61mm*, which displays the high degree of luster and transparency, the stone is elegantly mounted in platinum with a single baguette-cut diamond to each shoulder, *size 5 1/2*.

\$100,000 - 120,000

Accompanied by a Gemological Institute of America report #6157619556 dated August 27, 2013 stating natural chrysoberyl, variety alexandrite.







1348

1346 Fine Pair of Spessartite Garnets

urma

This fine pair of cushion-cut spessartites, cut from the same rough, displays an exceptionally rich red hue, as well as fine clarity and luster. (2) Weighing approximately 6.15 and 6.67 carats respectively and measuring $10.0 \times 10.0 \times 7.0$ mm and $10.0 \times 10.0 \times 6.0$ mm

\$5,000 - 7,000

1347 Spessartite Garnet

Burm

This fine cushion-shaped spessartite garnet, of particularly large size for the species, displays a rich, deep orange hue, fantastic luster and excellent clarity.

Weighing approximately 12.32 carats and measuring 12.5 x 12.2 x 8.5mm \$15,000 - 20,000

1348 Mandarin Garnet

Burma

This attractive cushion-shaped garnet displays a desirable, well-saturated vivid hue of orange which is described in the trade as "Mandarin". Both the luster and clarity are excellent. Spessartite garnets of over five carats are rare.

Weighing approximately 5.44 carats and measuring 10.0 x 8.5 x 5.5mm \$5,000 - 7,000



1349

Exceptionally Rare and Large Demantoid Garnet

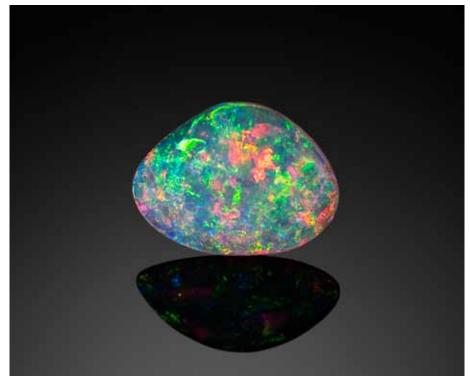
Ural Mountains, Russia

Vivid green color and an exceptionally large carats size propel this gemstone beyond any other demantoid seen in the marketplace today. Rarely seen in sizes of greater than 2 carats, the present stone fashioned as a brilliant cushion-cut has exceptional vibrancy and luster making it a fine and desirable acquisition for the serious collector.

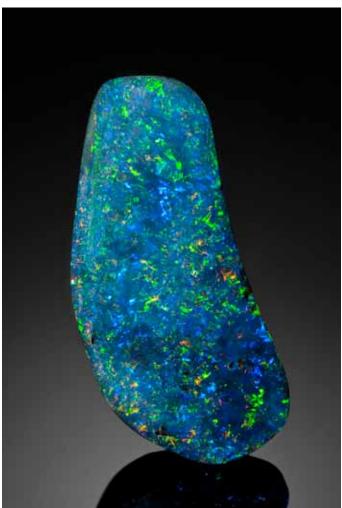
Weighing approximately 6.83 carats and measuring 11.4 x 10.3 x 6.9mm

\$130,000 - 180,000

Accompanied by an American Gemological Laboratories report number CS 82454 dated February 13, 2013 stating that the 6.83 carats natural andradite garnet, var. demantoid is from the Ural Mountain of Russia and that it has no clarity enhancements.







1350

Very Fine Opalized Clamshell

Coober Pedy, South Australia

This is as fine an example of an opalized clam as we have seen on the market. Distinguished by its vivid play of color in bright orange, blue and green with flashes of yellow, this gem would create a stunning ring or pendant. An exceptional offering for the discerning collector of opalized fossils.

Weighing approximately 9.08 carats and measuring 21.0 x 15.0 x 5.0mm \$7,000 - 9,000

1351

Fine Boulder Opal

Quilpie, Queensland, Australia

This is a fine and gemmy free-form cabochon having a seam of vivid blue-green, with iridescent flashes of yellow and orange, on a classic ironstone matrix.

Weighing approximately 68.95 carats and measuring $50.0 \times 20.5 \times 8.5 \text{mm}$ \$9,000 - 11,000

1352

Fine Black Opal

Lightning Ridge, New South Wales, Australia

This fine oval cabochon is a classic example from the prestigious locality of Lightning Ridge. A solid opal with vivid play-of-color with rich flashes of orange, yellow, blue and green and electric purple.

Weighing approximately 5.87 carats and measuring 16.0 x 12.4 x 5.0mm \$15,000 - 20,000

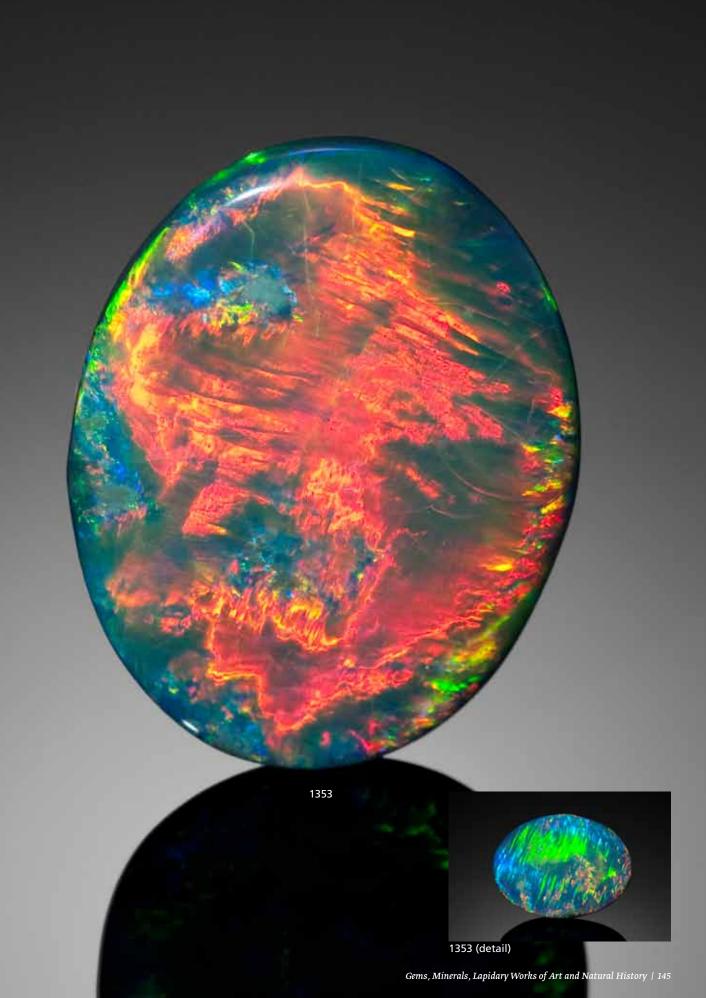
1353

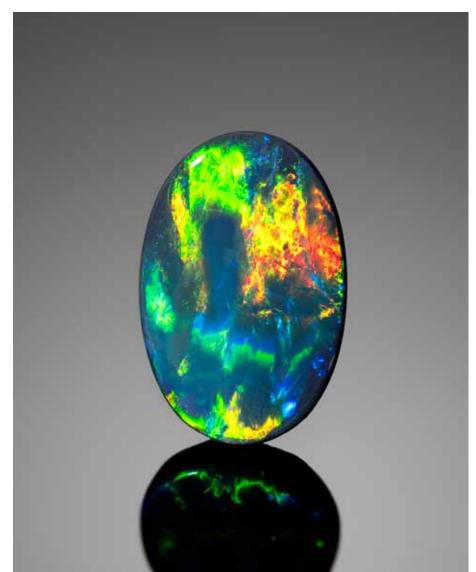
Large Black Opal with Intensive Fire

Lightning Ridge, New South Wales, Australia

This large and impressive oval cabochon black opal has a unique and distinct appearance with both broadflash and striated patterns of a vivid spectral play-of-color predominating in orangy-red hues with electric blue, green and yellow abounding.

Weighing approximately 30.80 carats and measuring 31.5 x 23.5mm \$35,000 - 45,000





1354 Fine Black Opal

Lightning Ridge, New South Wales, Australia This oval cabochon classic, solid black opal has a vivid pattern of play-of-color that is as boldly expressive as a fine Impressionist painting. Fiery orange, yellow, green and electric blues abound. Weighing approximately 3.74 carats and measuring 15.9 x 10.5 x 3.5mm

\$12,000 - 15,000

1355

Matched Suite of Three Black Opals Lightning Ridge, New South Wales, Australia The large oval cabochon solid black opal

The large oval cabochon solid black opal having a full spectral play-of color in a floral to flagstone pattern, weighing approximately 7.41 carats and measuring 17.4 x 12.8 x 5.5mm; together with 2 matching pear shapes, together weighing approximately 2.24 carats and measuring 9.0 x 7.0mm (3)

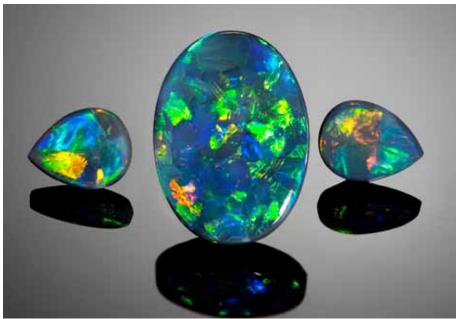
\$11,000 - 15,000

1356

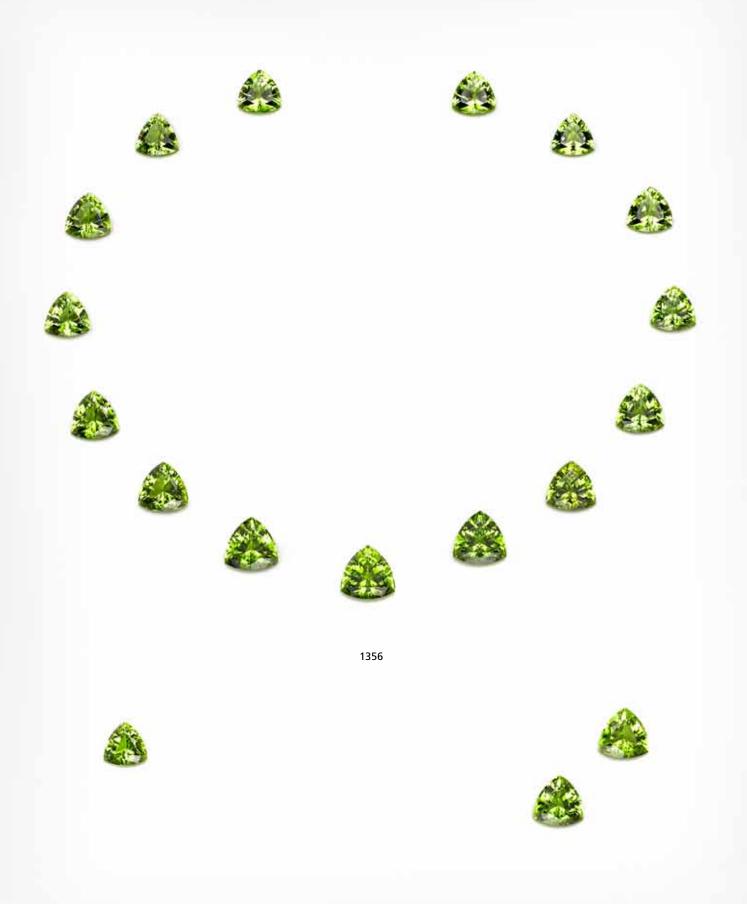
Magnificent Suite of Eighteen Peridots *Pakistan*

Distinguished by a vibrant green color, superb luster and clarity this gem quality suite would create a fine statement. Fashioned as trillions, suitable for mounting as a necklace, with individual weights as follows: 9.91 cts, 7.85 cts, 8.38 cts, 6.94 cts, 7.08 cts, 5.79 cts, 6.38 cts, 4.93 cts, 4.62 cts, 5.03 cts, 4.70 cts, 3.65 cts, 3.86 cts, 4.59 cts, 4.29 cts; together with a pair of peridots suitable for mounting as earrings: 6.80 and 6.98 carats; and a ring: 4.78 carats. Total weight approximately 106.64 carats. (18) \$30,000 - 40,000





1355





Gemstones Without Reserve

1357

Red Spinel

This oval-cut stone displays an attractive vermillion red hue, fine clarity and luster. Spinels of this hue are difficult to locate in the present market. Weighing approximately 2.08 carats and measuring 8.5 x 7.5 x 3.5mm

\$1,200 - 1,500

Without Reserve

1358

Group of Three Fire Opals

Mexico

Comprising an oval faceted yellow fire opal, weighing approximately 4.46 carats; an orange oval cabochon fire opal, weighing approximately 3.44 carats; and an orange faceted pear-shape opal, weighing approximately 4.07 carats. (3) \$600 - 800

Without Reserve

1359

Group of Three Tri-color Tourmalines

Comprising a set of three emerald-cut tri-color tourmalines which have been cut and faceted from the same original crystal. The colors graduate from bottle green, to a stripe of agua, to indicolite at the other end. The individual weights are approximately as follows: 8.87 cts, 8.31 cts, and 5.88 carats. (3)

\$600 - 800

Without Reserve

1360

Lemon Yellow Citrine--"Lemon Quartz" Brazil

When citrines possess a daffodil yellow hue, they are most commonly known in the trade as "lemon quartz". The present stone is particularly attractive due to its octagonal-cut and both its luster and clarity are excellent.

Weighing approximately 43.33 carats and measuring 20.5 x 20.5 x 14.0mm

\$400 - 600

Group of Nine Green Gemstones including Two Tsavorites

Including five green tourmalines: a rectangularcut, weighing 3.99 carats and measuring 15.0 x 6.0 x 3.5mm; another rectangular-cut, weighing approximately 4.32 carats and measuring 10.0 x 7.0 x 5.0mm; another green tourmaline, weighing approximately 2.57 carats and measuring 9.0 x 6.0 x 4.0mm; together with two very small square-cut green tourmalines, weighing approximately 0.80 carats and 0.67 carats; two Tsavorite garnets, weighing approximately 1.11 carats and 0.90 carats and measuring 5.0 x 5.0 x 4.0mm; an oval-cut emerald, weighing approximately 1.27 carats; and a circular-cut green tourmaline, weighing approximately 2.06 carats and measuring 8.0 x 5.0mm (9)

\$1,200 - 1,500

1362

Group of Three Faceted Lapis Lazuli Cabochons Afghanistan

It is unusual to see lapis lazuli in faceted form. The three stones which comprise this suite have a rich denim blue color, crown facets and a flat polished back. Weighing approximately as follows: 44.85 carats, length 36.0mm; 26.69 carats and 28.30 carats. (3)

\$600 - 800

Without Reserve

1363

Group of Four Mandarin Garnets

Each faceted as a oval-cut, of brilliant tangerine orange, weighing approximately 2.52, 2.30, 2.20 and 2.47 carats. (4)

\$800 - 1,000

Without Reserve

1364

Garnet

Large and lustrous, this rich red almandite garnet has much to recommend it. Weighing approximately 31.33 carats and measuring 20.0 x 16.5 x 10.5mm

\$400 - 600

1365

Pair of Tsavorites

Tsavo National Park, Kenya Faceted as pear-shapes these bright green stones have a bright, vivid green hue. Together weighing approximately 1.85 carats and measuring 7.5 x 5.5mm

\$500 - 700

Without Reserve

1366

Group of Three Mandarin Garnets

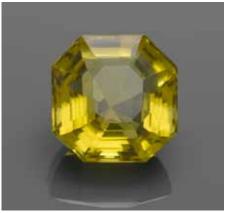
Comprising a larger oval-cut, weighing approximately 2.93 carats, together with two small mandarin garnets, weighing approximately 1.90 carats and 1.60 carats.(3)

\$500 - 700

Without Reserve



1359



1360



1361



1362



1363



1364





Natural History

Lots 1367 - 1431





1367



1368

Meteorites

1367

Gibeon Iron Meteorite — Sculptural Table Top Specimen from Asteroid Belt

Iron, fine octahedrite

Gibeon, Great Nama Land, Namibia Thousands of years ago an enormous iron mass (or masses) slammed into Earth's upper atmosphere before exploding above the edge of Africa's Kalahari Desert. Local tribesmen located this specimen with the aid of metal detectors, not quite in the tradition of their predecessors who sought the "metal stones" for spear points and other tools. This zoomorphic specimen originates from a larger mass that split along a crystalline plane. While the reverse features the more typical undulating crests and sockets one would expect to see on the surface of an iron meteorite, it's the face that split off the mass that is featured. Evoking the skull of an amphibian, and blanketed in a taupe-hued patina, this meteorite orients in a variety of positions (when vertical, the flipside looks like a flame). This intriguing tabletop sculpture is accompanied by a custom armature and Macovich Collection of Meteorites provenance. Measures 266 x 111 x 49mm (10 1/2 x 4 1/3 x 2in) and 3.24kg (7.1 pounds) \$4,500 - 6,000

1368

Mreira — Aesthetic Stone Meteorite *L6*

Tiris Zemmour, Mauritania On the afternoon of December 12th, 2012, school children in the village of Mehaires in Western Sahara witnessed an exploding fireball in the sky and shortly afterwards heard the detonations associated with an incoming meteorite shower. Days later, specimens from this event were recovered over the border in Mauritania. Very little material has been recovered; while only 6 kg was reported in the Meteoritical Bulletin, several kilos more have been documented since the publishing of the abstract. More than 85% of this specimen is blanketed in black fusion crust., the result of frictional heating with Earth's atmosphere. The interior matrix reveals that this meteorite was highly shocked during a collision in deep space as the substrate, primarily olivine and hypersthene, reveals a fine filigree of shock melt coursing throughout. In keeping with the L6 petrologic classification, there are only a few equilibrated chondrules, not well defined. This is a superior example from the Mreira event—a meteorite which will not grace many collections. Measures 63 x 38 x 37mm (2 1/2 x 1 1/2 x 1 1/2in) and weighs 150 grams

\$1,400 - 1,800

1369 Campo del Cielo — Select Sculptural Softball-Sized Meteorite

Iron, coarse octahedrite Gran Chaco, Argentina Iron meteorites originate from the molten iron core of what were immature planets that briefly existed between Mars and Jupiter. These quasi-planetary bodies broke apart approximately 4.5 billion years ago during the birth of the solar system; the asteroid belt contains the artifacts of this event. In what is among the largest of pinball galleries, material is periodically deflected into an Earth intersecting orbit. This was the case 4,000 years ago when a major meteorite shower occurred in what is now known as Campo del Cielo ("Valley of the Sky"), Argentina. In 1576, Campo del Cielo meteorites were first written about by Spanish explorers before their unearthly origins were understood. The first large meteorite displayed at the British Museum of Natural History was a "Campo" and several large Campo del Cielo masses can be found today in the finest museums throughout the world. Surprisingly dense for its size, with a deep charcoal to platinum patina, this specimen orients in a variety of different positions. Long soft ridges and minute sockets and crenelations further adorn this enchanting, softball-sized meteorite. Measures 134 x 109 x 78mm (5 1/4 x 4 1/4 x 3in) and weighs 2057 grams (4.5 pounds)

\$800 - 1,200

1370

Campo del Cielo Silicate — Unusual and Complete Transitional Slice

Iron, coarse octahedrite Gran Chaco, Argentina Somewhat similar to the previous lot, this complete slice was part of an uncommon, highly-silicated Campo del Cielo meteorite. While most Campos contain occasional silicate inclusions, this specimen contained an abundance of such inclusions and was, as a result, initially believed to be from a completely different meteorite that just happened to be found in the same vicinity. The chemical signature of the iron composition is, however, a match with Campo del Cielo. What makes this particular slice more unusual still is that it's transitional: one edge is an iron meteorite while the other contains large, angular inclusions welded by strands of nickel-iron, which penetrated the silicates following a powerful impact in space prior to its South American arrival. Measures 113 x 87 x 4mm (4 1/2 x 3 1/2 x 1/5in) and weighs 121 grams

Without Reserve

\$600 - 800









1372

1371 NWA 7834 — Large Complete Slice of the Moon with Scientific Abstract Lunar achondrite (lunar feldspathic breccia) Sahara Desert

Specimens of the Moon and Mars are among the rarest substances on Earth. Lunar and Martian samples are identified by highly specific geological, mineralogical chemical and radiation signatures. While pieces of the Moon have been brought to Earth by Apollo astronauts, others arrived as a result of asteroids slamming into the Moon and ejecting chunks off the lunar surface into space where they are pulled by Earth's gravity. This is the only material available to the public, the Apollo material is not, and there is less than 175 pounds of lunar meteorites known to exist. This complete slice is from a lunar meteorite found in the Sahara Desert. Its scientific name is NWA 7834—it's the 7834th meteorite recovered from the North West African corridor of the Sahara Desert that has been scientifically analyzed and classified. It was purchased in February 2013 and classified by Dr. Anthony Irving, the world's foremost expert in the classification of lunar and Martian meteorites. NWA 7834 is a *lunar feldspathic breccia*; it contains feldspar and is composed of angular fragments of older rocks that have been cemented together following repeated impacts. As would be expected, this sample contains the signature geochemical components of lunar breccias. This is an extremely fresh meteorite—it has not been exposed to Earth's elements. A copy of the scientific abstract on this meteorite that was published in the Meteoritical Bulletin, the publication that sanctions new meteorites after the classification is vetted by a panel of scientists, accompanies this offering. The end piece from the same meteorite from which this slice was cut is part of the "Cradle to Cosmos" exhibition currently on-tour. For the discriminating collector, with classic off-white anorthositic inclusions, this is an exquisite complete slice of the Moon. Measures 139 x 79 x 2mm (5 1/2 x 3 x 1/8in) and weighs 36.56 grams

\$15,000 - 20,000

1372 Dhofar 026 Lunar - Anorth

A full slice of the lunar Dhofar 026 feldspathic granulitic breccia meteorite. Measures approximately 38 x 27 x 1mm and weighs 2.97 grams \$2,500 - 3,500

From the Planet Mars, a Complete Slice of Martian Meteorite NWA 7944 — Macovich Collection Provenance

SNC – Martian meteorite (diabasic shergottite) Sahara Desert

This complete slice is from the only known mass of NWA 7944 known to exist: a single stone that weighs less than two pounds. The determination of Martian origin is the result of investigations conducted by scientists throughout the world. The lead author of the scientific abstract on NWA 7944 is Dr. Anthony Irving, the world's foremost classifier of planetary meteorites. His analysis, which was published in the Meteoritical Bulletin, accompanies this specimen.

Samples of the planet Mars are among the most exotic substances on Earth. In addition to a highly specific signature of chemical, structural and isotopic markers, meteorites from Mars share the following essential characteristics: they most often possess an unusually young crystalline age (so they can't be from Earth), they contain water-bearing minerals (so they can't be from the asteroid belt), and there is evidence of a planetary sized gravitational field on their crystalline structure. Earth's two closest planets, Mars and Venus, became the two most likely candidates of origin for these perplexing meteorites. However, as Mars is both smaller than Venus and has a thinner atmosphere, scientists surmised these exotic meteorites were most likely from Mars, ejected into space following an asteroid impact—from where it was much easier to attain the escape velocity needed than if jettisoned off the Venusian surface. In 1997, the smoking gun surfaced: inside thick veins of impact glass in a suspected Martian meteorite were tiny voids... and in those voids were tiny samples of gas... and that gas perfectly matched the signature of the Martian atmosphere, as determined by NASA's unmanned Viking missions. In the slice now offered, an area of impact glass is featured in the diabasic-textured clinopyroxene (silicate) and maskalynite matrix. Accompanied by the scientific abstract detailing its various characteristics, this an important offering of an outstanding example of NWA 7944, a distinguished meteorite from the planet Mars which will not grace many collections. Provenance: Macovich Collection of Meteorites, New York City. Measures 59 x 60 x 2mm (2 1/3 x 2 1/3 x 1/8in) and weighs 20.88 grams \$8,000 - 10,000

1374

Northwest Africa 3160 Lunar Meteorite Lunar - Basalt Breccia

1.91 grams \$4,000 - 5,000

Morocco A full slice of the NWA 3160 complex fragmental and regolith breccia, consisting of basalt and cumulate olivine gabbro. A lunar meteorite with fusion crust. Measures approximately 30 x 20 x 1mm and weighs



1373





1375



1375

Large Primordial Allende Meteorite
CV3 – Carbonaceaous Chondrite
Rare Entire Fusion Crusted Individual – Weight

Allende was seen streaking through the sky in Mexico, 1969. More than 40 years later, it continues to serve the scientific community as a unique source of information about the formation and evolution of our Solar System. It is known as the best studied Meteorite in history. Rich in diverse and primitive inclusions, it contains Organic and Non-Organic Amino Acids not found elsewhere on Earth and Interstellar Nano Diamonds which pre-date the Solar Nebula. Since 2007, nine new minerals have been found in Allende including: Panguite (an Ultra-Refractory Titanium Oxide previously unknown to science), Allendite, Hexamolybdenum, Tistarite and Kangite. Other constituents include Calcium, Aluminium, Zirconium, Magnesium, Carbon, Olivine, Pyroxene and extraterrestrial Oxygen Isotopes. The inclusions are amongst the most primitive remains of the Primordial Solar Nebula available for direct study or experience... Weighing 1430 grams and measuring 104 x 92 x 78mm \$10,000 - 15,000

1376

Willamette Meteorite — Partial Slice of the Most Famous Meteorite in the World Iron, medium octahedrite; shocked and recrystallized

Clackamas County, Oregon This offering provides the opportunity to own a small portion of a major museum exhibit. The Willamette meteorite is the largest meteorite found in North America. It has been the centerpiece in two renowned facilities: the Hayden Planetarium and the Rose Center for Earth and Space at the American Museum of Natural History in New York City, where it has been seen or touched by an estimated 50 million people. So completely renowned is the Willamette meteorite that whenever you open a textbook and there is just one picture of a meteorite, it will most likely be of the 15.5 ton Willamette. It is believed the meteorite fell in Canada or Montana and was deposited in Oregon by a glacier during the last Ice Age. Discovered in 1902, the meteorite was exhibited at the 1905 World's Fair and sold to Mrs. William E. Dodge, who then gifted the meteorite to the American Museum, where the meteorite has been on display for more than 100 years. In 1999 a coalition of Oregonian Native Americans filed a claim to have the meteorite returned to Oregon. The Museum filed a lawsuit in federal court that challenged the claim. The parties settled out-of-court, where it was agreed the meteorite would remain a centerpiece exhibit and never again be cut. As evidenced by the matrix, the Willamette meteorite is recrystallized, the result of a cataclysmic collision in outer space. Featuring one rim of the meteorite's exterior and a troilite inclusion in the lower right corner, this is a select specimen of the most famous meteorite in the world. Measures 44 x 53 x 1mm (1 3/4 x 2 x 1/8in) and weighs 12.46 grams

\$1.800 - 2.200

1377 Brenham Meteorite Partial Slice—a Pallasitic American Meteorite

Stony iron—PAL (Pallasite) Kiowa County, Kansas Brenham meteorites have been found in Indian burial mounds as far away as Ohio, and while they appear to be the first, Native Americans were not alone in being intrigued by these beautiful stones. In the late 19th century, a young homesteader named Eliza Kimberly began collecting what she believed to be meteorites. Her suspicions were confirmed in 1882 when scientists affirmed the meteoritic origin of several of the rocks Eliza found, and the area was dubbed "The Kansas Meteorite Farm." In 1929, the "Father of Meteoritics," Dr. H. H. Nininger visited the farm and located numerous large specimens. This history inspired modern-day meteorite hunters to replot the strewnfield in 2005 and their search that resulted in a discovery of a very large meteorite, the main mass of the Brenham, in Greensburg, Kansas. This was hailed as the most significant American meteorite discovery in decades. In addition to the main mass, several smaller stony iron masses were also found along the strewnfield. Filled with hundreds of gleaming circular olivine crystals, characteristic of Brenham meteorites, this is a superlative example of an end piece with its gleaming polished face, and it is one of the larger Brenhams to be offered at public auction. Meteorites with crystalline material such as that seen here are referred to as pallasites—which represent less than 1% of all known meteorites. This is a partial slice with fusion crust on 3 sides. Weighing 1216.0 grams and measuring 285 x 275 x 4mm (11 1/2 x 11 x 1/8 in)

\$1,500 - 2,000

1378

Roundsprings Meteorite – Complete Slice Ordinary Chondrite, Type H5 Roundsprings, Lincoln County, Kansas Discovered by a Kansas farmer who initially used the meteorite as a doorstop, this is a quintessential American meteorite. Measures 170 x 127 x 5mm and weighs 375.3 grams \$400 - 600



1377









1381

1379

Northwest Africa 2995

Lunar - Feldspathic Breccia Algeria

A specimen of the NWA 2995 lunar meteorite. *Measures approximately* 54 x 31 x 3mm and weighs 12.9 grams

\$10,000 - 12,000

1380

Northwest Africa 482

Lunar - Anorth

Northwest Africa

A partial slice with fusion crust from the lunar NWA 482 feldspathic impact-melt breccia meteorite. *Measures approximately 17 x 16 x 5mm and weighs 2.11 grams*

\$3,000 - 4,000

1381

Northwest Africa 3136

Lunar - Basalt

Northwest Africa

A full slice of the lunar NWA 3136 anorthosite-bearing basaltic regolith breccia meteorite. *Measures approximately 24 x 12 x 2mm and weighs 1.14 grams*

\$2,500 - 3,500



1382

1382

Northwest Africa 2977

Lunar - Gabbro

Algeria

A partial slice of the NWA 2977 complex fragmental and regolith breccia, consisting of basalt and cumulate olivine gabbro. A lunar meteorite with fusion crust. *Measures approximately 28 x 17 x 1mm and weighs 1.08 grams*

\$2,000 - 3,000

1383

Extraterrestrial Man - Limited Edition Sculpture of Meteorite Blocks on Platform

Two different unclassified chondrites

Sahara Desert

While meteorites are extremely scarce—the total weight of all known meteorites being less than the world's annual output of gold—some meteorites are relatively plentiful and are fashioned into spheres, beads and other objects. Such is the case with the meteorites in this particular offering. Of the six specimens seen here, five are from the same meteorite, an ochrehued chondritic mass. The platform specimen, whose ebony matrix is studded with metalflake and an armored chondrule, originates from a completely different meteorite. As is the case with most meteorites, these originate from the asteroid belt and are 4.55 billion years old. Each of these blocks are freely adjustable, one can create somewhat different presentations of what is in one respect, the oldest sculpture of man possible. Limited to 20 editions, this was created by meteorite collector and sculptor Roman Jirasek. Measuring 121 x 77 x 43mm (4.75 x 3 x 1.75 inches) and weighing 375.9 grams (0.75 pounds) \$1,400 - 1,800





1384





1387





1388

1383

Amber

1384

Praying Mantis in Green Dominican Amber Order: Orthoptera

Oligocene

Dominican Republic

A mantis preserved in amber is an extreme rarity, but the thin lens-shaped piece of rare polished green amber seen here makes the present specimen an even more stunning discovery. The mantis is poised dramatically in an attack position, its vicious barbed forelimbs springing forth menacingly. Also preserved is a rare bryophyte plant and an additional insect. Measures 1 x 3/4in; Specimen measures 1/3in and weighs 1.6 grams

\$2,500 - 3,500

Without Reserve

Winged Cicada in Baltic Amber

Order: Homoptera

Eocene

Samland Peninsula, Russia

A beautifully preserved cicada appears to be flying within its golden tomb of crystal clear Baltic amber. Over 40 million years ago this specimen was ensnared in pine-like resin, resulting in perfect preservation. The gorgeous golden amber is finely polished. Measures 1/2 x 3/4in and weighs 1.1 grams

\$1,000 - 1,300

Without Reserve

1386

Superb Cricket with Pseudoscorpion in Dominican Amber

Order: Orthoptera, Order: Chelonethida Oligocene

La Toca Mines, Dominican Republic Captured within a beautifully polished, large cabochon of amber is an amazingly detailed cricket, which still retains its original red coloring despite its 30-million-year entombment in is final resting place. Also present is a rare, small, perfectly preserved pseudoscorpion, making this piece an unusual amber find. Measures 1.75 x 1in and weighs 7.8 grams

\$1,800 - 2,200

Without Reserve

1387

Butterfly in Dominican Amber

Order: Lepidoptera Oligocene

El Valle Mines

Dominican Republic

A recent, amazing find, this beautifully preserved, extremely rare butterfly specimen displays open wings and a large, thick body nearly ½-inch long. Entombed in finely polished golden yellow amber from the eastern region of the Dominican Republic, it boasts superb details in its multi-faceted eyes and coiled tongue. Measures 1.5 x 1in; Butterfly measures 1/2in and weighs 7 grams

\$2,500 - 3,500

Without Reserve

1388

Stiletto Fly in Baltic Amber

Order: Diptera

Eocene

Samland Peninsula, Russia

This large, rare predatory insect has been preserved in stunning detail. Body hairs, leg detail, eye facets and mouth parts are all perfectly preserved. Here is a textbook example of an insect inclusion in amber. Measures 3/4in and weighs 0.6 grams

\$1,200 - 1,500

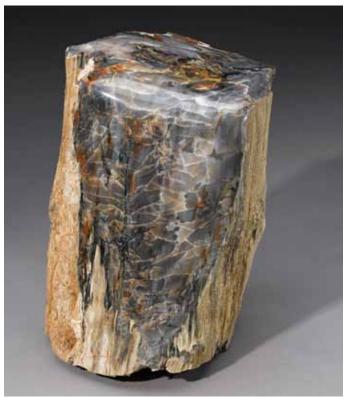
Without Reserve



1389



1390



Fossils

1389

Petrified Rainbow Wood Slab

Araucarioxylon arizonicum

Triassic

Chinle Formation, Arizona

This large agatized and polished complete section of petrified wood from the *Araucarioxylon* tree displays a wonderful mix of rainbow colors produced by many different minerals permeating the wood at different times from volcanic soil over millions of years. The unusual orange and lavender colors were produced by replacement by various iron oxides. This exceptionally large, complete section exhibits a diverse palette of colors, including orange, brown hues, lavender and beige. *Araucarioxylon arizonicum* is an extinct 225-million-year-old conifer tree. The state fossil of Arizona, it is known to all visitors to the Painted Forest National Park. *Measures 25 x 21in*

\$2,500 - 3,500

1390

Alabama Petrified Wood Limb

Paraphyllanthoxylon alabamense

Cretaceous

Brilliant, Alabama

From a collection from the town of Brilliant, Alabama itself, comes a striking specimen of this material from the classic petrified wood locality. Estimated at 68 million years old (*Upper Cretaceous Cenomanian-Turonian Stage*), the wood is characterized by smokey quartz, brown quartz and druzy crystals. *Measures 27 x 10 x 7in*

\$2,500 - 3,500

1391

Petrified Rainbow Wood Stump

Araucarioxylon arizonicum

Triassic

Chinle Formation, Arizona

Of suitable size to be used as seating, this fine piece of Arizona wood featuring dramatic black colors with flecks of orange, ochre, and grey, has a contour polished top and a polished area on one side which is termed a "waterfall". Bark texturing covers the remaining portions of the sides. Weight approximately 60kg; Measures 17 x 12 x 11 1/2in

\$1,500 - 2,000

1392

Palm Frond Mural

Sabalites sp.

Diplomystus dentatus

Eocene

Green River Formation, Lincoln County, Wyoming

Often viewed as the most aesthetically appealing treasures of the famed Green River Formation, fossil palm fronds are considered rare finds. Highly coveted for their dramatic beauty, palm fronds generally fossilize poorly due to the delicate nature of cellulose, the material of which plants are formed; therefore, most are lost forever to decay.

Epitomizing the subtropical flora of the Eocene in Southwestern Wyoming 51 million years ago, Green River Formation palms recall a thriving prehistoric lake system which supported an abundance of fishes, crocodiles, turtles, birds and, of course, flora that would be well-suited to modern-day Florida. The present superb specimen measures approximately six feet in height. It is framed in walnut and fitted with a French cleat for wall display. *Frame measures 88 x 65in; Fish measures 17in*

\$40,000 - 50,000





1393



1394



1395



1396



1397



1398

1393 Two Decorative Trilobite Plaques – Part and Counterpart

Cambropallas telesto Cambrian

Be Wawrmast Formation, Morocco
One of the best ways to discern a Moroccan trilobite's authenticity is to compare both the positive and negative halves of a specimen, when available. At the time of excavation, the present specimens fortuitously broke apart in such a way that the fossils appeared on both portions of the matrix which had been split open. Displaying a grouping of three animals, these two units fit together as part and counterpart. Beautifully preserved, they make a striking display. Matrix measures 15 1/2 x 19 1/2in; Specimens measure 8 1/2in
\$500 - 700

1394 Large Amber Druzy Coral Pair

Eocene 40 Million Years

Withlacoochee River, Florida

This spectacular Agatized Coral fossil has been provided in a cut and polished pair and presented as a "butterfly" split. They were collected in the Withlacoochee River in Northern Florida. The interior of both halves is lined with numerous Amber colored Drusy Quartz stalactites and crystals. Each half measuring 10 x 10 x 4in

\$4,000 - 5,000

1395

Double Pocket Druzy Coral Pair

Eocene

40 Million Years

Withlacoochee River, Florida

The Agatized Coral fossil has been provided in a cut and polished pair and presented as a "bookmatch" split. They were collected in the Withlacoochee River in Northern Florida. The two distinct chambers are lined with numerous fine Drusy Quartz crystals. Each half measuring 4 x 9 x 1 1/2in

\$1,000 - 1,500

1396

Agatized Coral Pair

Eocene

40 Million Years

Withlacoochee River, Florida

The Agatized Coral fossil has been provided in a cut and polished pair and presented as a "butterfly" split. They were collected in the Withlacoochee River in Northern Florida. The interior is lined with numerous fine Drusy Quartz stalactites. Each half measuring 6 x 6 x 3in

\$1,000 - 1,500

1397

Double Pocket Cream Druzy Fossil Coral Eocene

40 Million Years

Withlacoochee River, Florida

The Agatized Coral fossil has been provided in a cut and polished pair and presented as a "butterfly" split. They were collected in the Withlacoochee River in Northern Florida. A lustrous cream colored Drusy Agate crystal lines the interior of the double pocket. Each half measuring 10 x 7 x 3in

\$1,000 - 1,500

1398

Carnelian Agatized Coral Split

Eocene

40 Million Years

Withlacoochee River, Florida

The Agatized Coral fossil has been provided in a cut and polished pair and presented as a "butterfly" split. They were collected in the Withlacoochee River in Northern Florida. The interior is lined with Boitroidal Carnelian crystals in contrast with gray and cream colors. Each half measuring 6 1/2 x 9 1/2 x 3in

\$1,000 - 1,500

1399

Dramatic Sea Lily Plate

Encrinus liliiformis

Lower Jurassic

Holzmaden, Germany

During the Jurassic Age, in the area now known as Germany, tropical reef islands dotted a warm shallow sea. Of the marine life that thrived during this period, the crinoid, or sea lily, is one of least recognizable to the human eye. In appearance, it is plant-like. Yet these were animals, which attached themselves to pieces of driftwood and passively sifted food from the ocean waters with their blossom-like calyxes. Laborious to prepare, due to the similarities in density of the matrix and the fossil material, specimens from Holzmaden are some of the best preserved fossils in the world. The sea lily is arguably the most beautiful and decorative species from the classic black shales of this famous locality. The present example is sized perfectly to provide an impressive decorative focal point for home or office. Fitted with a custom bracket for wall display. Matrix measures 39 3/4 x 31 1/4 x 3/4in

\$19,000 - 24,000



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1400





1401 1403



1400

Two Fossil Shells from the "Giant Clam" Tridacna sp.

Pleistocene

Kenya

Fossilized clamshells are found in coral reef limestone along coastal area quarries. The limestone is the building block in the production of cement. This coral reef was formed during the Pleistocene historic period, the time of the Ice Ages. The main build up of the reef took place during the main integral period (240,000 to 125,000 years ago). During the later interglacial period, sea levels rose up to 20 meters above sea level, and during this time the biggest part of the fossil reef was build up. These fossil clamshells are only found in the upper layers, so in the guarries they can be occasionally found. Their location near the surface suggests that they only lived here during the later part of the second reef building period in the Pleistocene. Today, giant clams only occur in the eastern Indian and the Pacific oceans. Weighing approximately 60 kg each. Measuring 90 x 53 x 25cm (33 x 12 1/2 x 18in)

1401

\$5,000 - 7,500

Armored Crinoids in Double-Sided Matrix

Jimbacrinus bostocki

Early Permian-Late Artinskian

Cundlego Formation, Northern Territories, Australia Crinoids can resemble a plant but are actually an echinoderm related to starfish and sea urchins. Attached to the sea bottom by long stems, these highly unusual animals filtered various small marine animals in order to feed. Jimbacrinus bostocki anchored itself to objects on the sea bottom and used its five arm-like tentacles to capture small prey as they swam by. The present stone matrix contains 16 complete or nearly complete calyxes (heads.) The tiniest details are seen, with some of the arms having very small extensions attached to them, which the crinoid used to grab onto small prey (somewhat analogous to the hooks on the tentacles of a squid.) The crinoids are present on both sides of the matrix with ten calyxes on one side and six calyxes on the other. The impressive freestanding specimen beautifully exhibits both sides, making it a marvelous display piece. Large mass mortality groups such as this are highly desirable. Matrix measures 12 x 10in

\$3,000 - 4,000

1402 Sea Urchin Plate

Archaeocidaris

Carboniferous

Brown County, Texas

Seven large sea urchins, measuring up to six inches in diameter, display excellent detail and sharpness in their delicate spines. Found in Texas, these echinoids are 360-325 million years old. It is rare to find such well preserved multiple specimens discovered in such close proximity. Evidently the mud surrounding these sea urchins was not disturbed when they died. By all appearances, death did not come from force but from a cataclysmic event such as rapid change in temperature or salinity, or a sudden silting over of the area. Measuring 13 x 25 1/2 x 2in

\$1,200 - 1,500

1403

Brittle Stars Mass Mortality Plate

Class: Ophiuroidea Ordovician

Lkaidrami, Messeu, Southern Morocco

Finding a complete starfish is difficult, as the delicate arms break off quite easily during the fossilization process. Finding a mass burial of more than 20 complete and nearly complete starfish is extraordinary. This large, remarkable plate preserves a snapshot of life at the sandy bottom of the warm Moroccan seas 475 million years ago. *Matrix measures 16 x 17in, Brittle stars measure up to 5in*

\$650 - 800

1404

Large Ammonite

Placenticeras sp.

Cretaceous

Fox Hills Formation, South Dakota

The specimen boasts marvelous suture patterns on the top portion, representing the growth plates of the living animal as its shell increased in size during its lifetime. *Measures 21* \times *17* \times *4 3/4in*

\$1,000 - 1,500

1405

Rare Iridescent Scaphite Ammonite in Matrix

Jeletzkytes sp.

Late Cretaceous

Fox Hills Formation, South Dakota

The family of Scaphitidae have a unique shell displaying a J-shape. Scaphite ammonites are believed to have been voracious predators and some Cretaceous nautiloids have shown evidence of this predation. Despite its fearsome reputation, the present specimen is aesthetically appealing and even decorative, displaying the iridescent mother-of-pearl layer, which exhibits flashing light green. *Matrix measures 7 x 8 x 4in; Specimen measures 4 3/4 x 5 x 3/4in*

\$1,200 - 1,500

1406

Iridescent Ammonite in Matrix

Sphenodiscus splendens

Upper Cretaceous

South Dakota

Ammonites are the common name given to extinct, shelled cephalopods that has a host of different forms. Ammonites only exist as fossils within the Lower Devonian through the Upper Cretaceous marine rocks of the world. They are closely related to the modern nautilus. The present specimen is a fine decorative example which displays good red iridescence. Specimen measures 11in across. Matrix measures 13 x 11 x 3in

\$1,200 - 1,500

Provenance: Ex. Private Collection of Neil Larson



1404





1406







1408

1407 Pair of Huge Decorative Ammonites on Custom Stands Perisphinctes sp.

Jurassic

Madagascar

The dominant marine species for over 185 million years, ammonites are prehistoric ancestors of the squid and chambered nautilus. As dinosaurs roamed the landmasses, ammonites ruled the seas, prolifically and in almost endless variety. The present ammonite has been sliced in half and polished to reveal the beauty of the chambers within, which are filled with golden honeycolored calcite crystals. The living animal's tentacles would have extended from the opening of the largest chamber. The size of this present ammonite is significantly larger than most available. *Each measuring 39 1/2 x 30 1/2 x 8in* \$7,000 - 9,000

Each offered on a custom-built stand. Not illustrated.

This lot is being sold in situ and will remain in an offsite warehouse during preview. Please contact the Natural History Department for further information.

1408

Iridescent Uncoiled Ammonite

Tropeum

Early Cretaceous

Volga River, Saratov Region, Russia

A sizeable uncoiled ammonite displays thick nacre with subtle purple iridescence. Sixty-five million years ago this animal would have bobbed up and down in the water column, catching fish as they swam by. Mounted on attractive stone, this ammonite displays large, wide-set ribbing. *Total height 10in. Specimen measures 6 1/4 x 9 x 2in*

\$1,800 - 2,200

1409

Ammonite Mass Mortality Plate

Russia

One half of an elongated oval shaped boulder, split, the face of which reveals cluster of many small iridescent ammonites dramatically contrasting against the dark matrix. *Measuring 12 1/2 x 6 x 2 in* \$900 - 1,200

1410 Pair of Pyritized Ammonite Halves

Simbirskites versicolor

Cretaceous

Volga River Region, Russia

A cut and polished ammonite displays the inner chambers of the once-living creature: shining pyrite and brown calcite crystals line the open chambers and there is evidence of a very small ammonite embedded to one side. *Measuring 12* 1/2 x 14 x 1 3/4in (2)

\$2,200 - 2,800

1411

Pair of Pyritized Ammonites

Simbirskites versicolor Cretaceous Volga River Region, Russia Beautiful pyrite and yellow calcite, hidden within the growth chambers of this ancient coiled cephalopod, are revealed in the specimen's cut and polished surfaces. Measures 14 x 13 1/2 x 1 3/4in

\$2,500 - 3,500

1412

Carcharodon Megalodon Tooth

Carcharocles megalodon Late Oligocene-Early Pleistocene Beaufort County, South Carolina Growing to over fifty feet in length, Carcharocles megalodon is thought to have preyed on whales, the bones of which have been found alongside natural caches of megalodon teeth. The present immense tooth was found in the muddy river waters of South Carolina. Its size alone makes it a covetable acquisition. Further qualities that recommend it are its excellent knife-sharp serrations, the complete, medium-gray colored root and attractive gray and brown enamel. Offered on a custom display stand with identification as Megalodon. Measures 6 1/8in

\$3,000 - 4,000

1413

Large Carcharoles Megalodon Tooth

Carcharocles megalodon Late Oligocene-Early Pleistocene Beaufort County, South Carolina Carcharocles megalodon was the largest shark that ever lived, growing to more than 50 feet in length; yet most *megalodon* teeth found are only 3-4 inches in length. Teeth measuring over 5 inches are in great demand, and many collectors aspire to own a 6-inch tooth. Estimating the length of a shark at about 10 feet in length to every one inch of tooth, this behemoth, in life, would have measured over 60 feet in length. This huge tooth is complete and in excellent condition, displaying very good edge serrations. The color of the enamel is a mixture of greens and grays that contrast nicely with the black root. Offered on a custom black wooden display stand. Specimen measures 6 1/8in; Stand measures 7 x 4 1/2in

\$2,500 - 3,500



1410



1411









1414 An Eocene Fossil Gar Fish Lepisosteus simplex

Eocene

Fossil Butte Member, Green River Formation, Wyoming Lepisosteus simplex is an extinct species of garfish from the Green River Formation in Wyoming. 52 million years old, this example lived in the Fossil Lake limestone deposits near Kemmerer, Wyoming. This fine specimen is complete, with excellent diamond-shaped ganoid scales, head, and finely detailed fins. In life, the diamond-shaped scales were extremely hard because they were covered with ganoin, a hard and shiny enamel-like substance that formed an armored protective shell. The only predators of this formidable fish species were crocodiles and alligators. Fossil garfish are rare in the Green River Formation, probably because garfish preferred the shallow, weedy swamp areas of rivers and not the deep lakes, the low oxygen of which accounts for the fine preservation of specimens from this famed locality. The specimen has been preserved in a dorsally compressed presentation. The matrix has been backed for stability. Matrix measures 22 x 11in; Specimen measures 17in \$5,000 - 7,000

1415 Rare Fossil Dolphin Skull Zarhinocetus errabundus

Miocene

Round Mountain Silt, Shark Tooth Hill, Bakersfield, Kern County, California Zarhinocetus, an extinct, narrow-nosed dolphin, is only found in the Shark Tooth Hill Bone Bed and is Middle Miocene in age (18-20 million years old.) Formerly believed to be of the genus Squalodon, Zarhinocetus (meaning long-nosed whale) is actually somewhat similar to the pink dolphins of the Amazon River, but displays a longer and narrower snout. The present dolphin skull is virtually complete. This rare and impressive skull has been completely removed from its matrix and is displayed on a custom black wooden stand. Skull measures 25.5 x 7in; Length of snout measures 19in

\$5,500 - 6,500





1418



1418

Large Mammoth Jaw Mammuthus primigenius

Pleistocene

North America

A complete lower jaw with all original teeth is presented in nice condition. The teeth of these herbivorous ice age giants grew in enamel plates with the top of the tooth exhibiting its charateristic grooves: the rear tooth grew from the top down in the lower jaw, following the curve of the lower jaw and growing in sections of enamel plates. The deep brown patina of the specimen is due to mineral seepage from the permafrost in which the specimen was buried for tens of thousands of years. *Measures* 26 x 20 x 17in

\$4,500 - 6,000

1419

Juvenile Partial Mammoth Jaw

Mammuthus primigenius

Pleistocene

North America

A right lower jaw with both original teeth is presented in exceptional condition. The teeth of these herbivorous ice age giants grew in enamel plates with the top of the tooth exhibiting its charateristic grooves: the rear tooth grew from the top down in the lower jaw, following the curve of the lower jaw and growing in sections of enamel plates; as the rear tooth grew forward it slowly pushed a plate out of the front tooth. The deep brown patina of the specimen is due to mineral seepage from the permafrost in which the specimen was buried for tens of thousands of years. The specimen is offered on a custom wooden stand. *Measures 15 x 7 x 4in* \$900 - 1,200

1420

Superb Fossil Woolly Mammoth Tusk

Mammuthus primigenius

Pleistocene

Alaska

Entombment for thousands of years in the Alaskan permafrost produced the alluring neutral coloration of this extraordinary tusk from an extinct member of the Elephantidae family, which ranged throughout Eurasia and North America during the Pleistocene. Most tusks exhibit creams, tan and browns, but only occasionally does a blue tusk emerge from the prehistoric permafrost. This example had been buried in a large deposit of the mineral vivianite, producing its amazing blue color. The distinctively curved tusks of the woolly mammoth are thought to have been used to help dig away the snow of the Ice Age tundra while feeding, and also may have been used in intraspecific combat, in competition for mates, for example. The present specimen is offered on a custom base of contemporary design, which caresses the curvature of the tusk while allowing the viewer to appreciate every angle and color of this fascinating piece. Measures 108in and weighs 90 pounds

\$75,000 - 85,000





1421



1422

1421 Superb Elephant Bird Egg

Aepyornis maximus Southern Madagascar Pre 17th century

The extinct flightless bird, *Aepyornis maximus*, produced the largest egg of any animal that ever lived, including the dinosaurs. Commonly known as the Elephant Bird, a name that originated from Marco Polo's account of the giant bird in 1298, the species was described by Marco Polo as a ten-foot-tall bird that weighed over half a ton, having talons large enough to seize an elephant. *Aepyornis maximus* lived only on the island of Madagascar and went extinct in the middle of the 17th century. The present exceptional egg is unbroken and original. One small hole is visible on the shell. Specimens of this quality and condition are very rare and highly desired by collectors. *Measures 13 1/2 x 8 1/2in*

\$35,000 - 45,000

1422

Hyracodon Rhino Skull

Impressive Hyracodon Skull

Hyracodon nebrascenis

Middle Eocene-Late Oligocene

White River Formation, Shannon County, South Dakota Hyracodon was known as a running rhino. The size of a pony, with no horn, it possessed a large skull relative to the size of its body. 26-32 million years old, it was an herbivore with rhinoceros-like teeth that inhabited open forests and wooded steppes where it browsed and grazed. Hyracodon was related to the largest land mammal that ever lived, Paraceratherium. The present complete skull is very large for the species and contains all original teeth with very little restoration overall. The dark brown teeth are nicely contrasted against the light-colored bone of the skull. Length measures 14in \$3,500 - 4,500

1423

Rare Permian Amphibian

Sclerocephalus sp.

Permian

Pfalz, Southwest Germany

From an old German collection, this 280-million-year-old amphibian was recovered many years ago from a locality that has long been closed to collecting. Its magnificent preservation in matrix includes significant signs of rare soft tissue preservation, an amazing attribute. The unusual ventral presentation (belly upward) permits an interesting view of the ventral portion of the skull, which exhibits fine detail. Since the locality was closed to collecting, examples of this kind have become increasingly rare. When they do become available, they are generally partial or poorly preserved examples. The present spectacular specimen is in its natural matrix. All limbs are visible. Finger digits, ribs and vertebrae are seen. This unusual piece would distinguish any vertebrate collection. *Matrix measures 40 x 20 1/2in; Specimen measures 34 3/4in from tip of snout, along vertebrae to end of tail*

\$18,000 - 20,000

1424

280 Million Year Old Amphibian with Skin

Sclerocephalus

Late Carboniferous - Early Permian

Odernheim Pfatz, Germany

All fossils of the earliest amphibians are rare and found in only a few locations in the world. Those with preserved skin structure are even more rare. The best-preserved early amphibians originate from a site closed to collecting for over twenty-five years, in the Odernheim Pfatz in Germany. The present large *Sclerocephalus* is nearly complete, displaying an excellent two-inch skull replete with tiny, sharp teeth. Marvelous skin impressions cover much of the body, exhibiting fascinating skin texture and patterns. Rarely is this species found with such excellent skull preservation. *Length of specimen measures 11 1/2in; Matrix measures 16 x 9in*

\$3,000 - 4,000







1425

Eocene Turtle

Trionyx sp.,

Eocene

Green River Formation, Lincoln County, Wyoming

Fossil turtle specimens from the Green River Formation are extremely rare. Very large, exceptionally well-preserved individuals such as the present example are almost never seen on the market and are highly coveted. The present specimen is from the stratigraphic layer known as the *F-1 Horizon*, or *18-inch layer*, of the Green River Formation. The ribs extending from the sides of the shell indicate that this is a soft shelled or *leather back* turtle. The genus lived through the Age of Dinosaurs, survived the K-T extinction and still exists today, though smaller in size than its Eocene ancestor. Modern *Trionychid* turtles are found in Africa, Asia, Malaysia and North America. Specimens of this quality are highly prized by the advanced collector. Framed in walnut and fitted with a metal cleat for wall display. *Presentation measures 36 x 48in; Turtle specimen measures 32in* \$50,000 - 60,000





1427

Mounted Tortoise Skeleton with Carapace

Stylemys sp.

Oligocene

South Dakota

Stylemys was the first fossil tortoise belonging to the order Testudines discovered in the United States. The genus lived in temperate-tosubtropical areas of North America, Europe and Asia. First described in 1851 by Dr. Joseph Leidy, it was common in the area now known as the Badlands of Nebraska, South Dakota and Wyoming. The present specimen is very large and nearly complete, further distinguished by its beautifully preserved skull and well-articulated carapace (shell), each section of which \$1,500 - 2,000 can be clearly seen. Rarely are fossil tortoises of this size and condition recovered. The excellent specimen is three-dimensionally mounted on an expertly designed armature. Measures 27 x 21 x 10in

\$5,000 - 7,000

Offered on a custom base.

1427

An American Pliosaur Snout

Dolichorhynchops sp.

Cretaceous

Pierre Shale

Wyoming

Dolichorhynchops was a short-necked plesiosaur that used its flippers to swim like a penguin. With their large eyes, they were well adapted in locating and catching small prey. This specimen represents the snout of the animal with both the lower and upper jaws. Measures 20 1/4 x 3 1/2 x 5 3/4in





1428 Triceratops Horn Triceratops horridus Cretaceous

Garfield County, Montana
This born examplifies the f

This horn exemplifies the formidable weaponry that this famous herbivore may have used to protect itself from predators such as *Tyrannosaurus rex.* Measures 18 1/4 x 7 1/2 x 4 1/4in

\$2,000 - 2,500

Offered on a custom mount.

1429 Agatized Dinosaur Bone Sauropod Cretaceous Morrison Formation, Utah

A large and impressive specimen of dinosaur bone with well-defined cell structure evident in the richly colored rust-red and brown agate replacement. Weighing approximately 82 lbs and measuring 17 x 12 x 12in \$1,200 - 1,500

Provenance: By descent within the H.H. Nininger family



1430

Large Duckbilled Dinosaur Skull

Edmontosaurus annectens

Cretaceous

Lance Creek Formation, Wyoming

Sometimes known as the *Cattle of the Cretaceous*, herds of duck-billed dinosaurs, or hadrosaurs, ranged throughout North America during the *Age of Dinosaurs*, serving as sustenance for the meateating giants of the period, such as *T-rex*. The present offering is an extremely large skull collected over ten years ago on a private ranch in Wyoming. It comprises approximately 60% original bone and is very large for the species. *Measures 46 x 17 1/2in*

\$35,000 - 45,000

Mounted on a custom metal base.



1431 Carved Water Buffalo Skull

An intricately carved water buffalo skull features a central serpentine form. The contemporary skull has been stained to achieve visual depth. Dramatic, yet displaying delicately carved detail, here is a striking art piece. *Measures 25 1/2 x 20 1/2 x 8in* **\$2,000 - 3,000**

End of Sale

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Artists's Biographies and Index

Luis Alberto Quispe Aparicio

Luis Alberto Quispe Aparicio follows a secondgeneration family tradition, begun by his father, in the creation of *objets d'art*.

An engineer by profession, he grew up surrounded by artwork, sculptures, gemstones and minerals from around the world. Artists, master carvers and jewelers continuously visited and worked at their family studio in Lima, Peru during his formative years. Having recently spent a year in Paris specializing in the study of luxury goods, he now travels the world to bring a revolution of designs to their studio. Inspired by life experiences and nature following various visits to Africa, he has produced a "Wildlife Collection". Equally new to his body of work are Racing Car models, handmade to scale in gemstones and gold. All of his works merge sculpting techniques with those of jewelry fabrication, and it is their unusual design work that separates them from traditional carving from Europe.

Today, although his family travels around the world searching for the rarest gemstones to incorporate into their work, their studio specializes in carving ruby. The second hardest mineral after diamond, few artists have managed to successfully work with ruby since it requires a very advanced technique for both carving and polishing involving two or three times as many tools and time as other materials. His works are displayed in museums in the United States and Europe and enjoyed by private collectors around the world. 1061-1070

Sylvia Quispe Aparicio

Sylvia Quispe Aparicio is a gemologist, and a jewelry and gemstone designer based in the Canton of Zug, Switzerland. A second-generation designer, her family's story began in 1968 in Lima, Peru. Here, Vicente and Norka Quispe, Sylvia's parents, founded an atelier dedicated to the creation of objets d'art made of unusual gemstones from around the world. Here Sylvia, together with her brother Luis Alberto, a renowned lapidary artist, grew up surrounded by an environment of artwork. Sylvia and Luis Alberto's early exposure to the shapes, colors, and beauty of these gemstones, ignited in the siblings an intense curiosity for them. Hence, after many years of learning the craft of working with gemstones in her parent's workshop, Sylvia relocated to Idar-Oberstein, Germany, where she further developed and mastered the complex techniques required to achieve excellence in this art form. Sylvia's passion for gemstones has sent her on a quest all over the world to find the most unique and beautiful gems Mother Nature has to offer. Nature is one of Sylvia's main sources of inspiration and she is committed to working with gemstones that have been obtained in an ethical, responsible, and environmentally conscious manner. Her designs have a wide following and can be found in private collections in such far-flung places as Switzerland, France, Great Britain, Germany, United States, Hong Kong and China.

1252, 1253

Nicolai Appel

Born in 1966 in Copenhagen, Denmark, Nicolai Appel completed his goldsmith apprenticeship with Georg Jensen. Educated in design at the Institute of Precious Metals in 1996, he has participated in various national and international exhibitions.

Jeffrey E. Appling

Born and raised along the central coast of California, Jeffrey Appling, by his own admission, is commonly referred to in the jewelry industry as the "Rebel of Luxury". Mr. Appling's "bigger than life" passionate creations stem from his diverse background as an art historian, gemologist, jewelry appraiser and gem cutter. His love of "living in the moment" expresses itself as an innovator and extreme artist: his fashion forward vision is intended to supersede today's outdated designs, providing an outlet for an expressionism of the highest order. Each high-impact, Wearable Art Appling creates transcends a powerful feeling of emotion while authenticating every single masterpiece as the premier jewelry of tomorrow, as documented in the book "Masters Gemstones: Major Works by Leading Jewelers", curated by Alan Revere, 2008. 1316

Eberhardt Bank

Born on April 12, 1953, Bank's work follows in the traditions of the famous gem- cutting city of Idar-Oberstein. Following school, he spent three and a half years apprenticing as a gem cutter, qualifying as a journeyman by 1972. He received his Master Craftsman certification from the Gem School in Idar in 1983 and opened his own studio by 1985. His work has been internationally exhibited in Japan, Bahrain, Canada, the U.S., Switzerland, England and Germany.

David Benham

A jeweler, toolmaker, teacher and self-taught gemstone carver from Adelaide, South Australia, David Benham brings over 25 years of experience to the bench, particularly in the area of carving and polishing 3-D free-form, baroque-shaped colored stones of all sorts to the very highest standard of finish. Initially studying under local Swiss-Australian carving virtuoso, Bruno Moser, for whom he became head polisher, Benham now directs a family business which includes his two sons, Ryan and Scott, who are both master cutters, jewelers and stone-setters themselves. Over the years his firm has handled many of the finest opals and sapphires Australia has produced. His gemstones are sold worldwide to a discerning clientele.

Angela Conty

Angela's jewelry roots trace back more than 40 years to undergraduate and graduate work in Art at SUNY New Paltz. Exploring design and fabrication in the jewelry and lapidary arts her works have been nationally and internationally exhibited and collected. As an Italianborn American, Angela expresses influences of both cultures in her work. Her designs have been featured in several magazine and book publications, including Oppi Untracht's Jewelry, Concepts and Technologies, Renée Newman's Pearl Buying Guide, Fred Ward's Phenomenal Gems, and a JCK cover. Her most recent accolades include a 2002 AGTA Cutting Edge 2nd place in the Objects of Art Division and the 2009 Grand Prize in the Headley Whitney Museum Bibelot Design Competition.

Angela's floral fantasies often begin with a walk in the woods. A grandchild spotting a special twig and bringing it to grandma for inspection will start a flood of possible designs. Finding a fallen leaf during a morning of garden maintenance will contribute an interesting texture. A bit of seaweed washed ashore after a storm may provide an undulating line. All pieces begin and end with her interaction with the natural world

1258, 1314, 1315

Andy Costine

North Carolina artist, Andy Costine, uses figured woods and burls combined with geometric shapes in his work. In his own words, "the process I use in building my boxes is subtractive. I build the piece larger than I need, and then I use band-saws, grinders and sanders to develop the final shape. This technique lets me work with the natural figure in the wood. The process I use in my mirrors and tables is a combination of organic and geometric. I believe the geometric details elevate the natural shapes of the wood. I try to use environmentally friendly woods whenever possible. Much of my material is salvaged wood from Western North Carolina." His work is frequently exhibited at craft and art shows throughout the mid-Atlantic States. 1097

Pedro Jimenez III—"Blue Elk"

Peruvian-born designer, Pedro Jimenez III, recently baptized by the Jicarilla Apaches as "Blue Elk", draws inspiration for his art from his native Peru and Southwestern environments. Captured in semi-precious and precious stone, his sculptures depict majectic animals, birds of South America and Hopi kachinas of the American Southwest.

Native American traditions and tribal lore are handed down orally. As a result, the treasured, decorative Kachina doll emerged to preserve a fragment of the Hopi culture. An art form in constant change, some have surmised that as many as 2,500 Kachina have surfaced at one time or another. Symbols, action, personality, paint, costumes and names are captured from everything encountered in the real features and are rendered in painted wood carvings.

From generation to generation, the Kachina has been a valuable educational tool and a basis of survival, assisting in planting, growth and abundance of crops, meeting the needs of people for rain and game, and recording the history of the tribe.

Mr. Jimenez selects all of the stones with great reverence for the bounty of the Earth and the ancient traditions of the native people of the Americas. The stones employed in his designs are purified through a special ritual which involves burning sage to bring to life the natural healing power within them.

His work is displayed in prestigious galleries and homes throughout the Southwest. Located in Lima, Peru, his studio houses his extended "family" of fine stone sculptors whom he inspires and directs in the execution of his designs. Each gemstone Kachina is unique and hand-carved by these natives of the Americas, according to the traditions and magic of the Hopi—they are exactingly based on traditional native costumes and poses—but are entirely original in that Jimenez is the only designer creating Kachinas in stone. 1059, 1060

Robert Juchem

For over 60 years the firm of Robert Juchem has been known as one of the best in Idar-Oberstein for retailing hand-carved animal sculptures, human figures, flowers studies and *objets d'arts* made of gemstones. Now in their third generation, they specialize in showcasing one-of-a-kind sculptures in their studio, based on the uniqueness of the gemstones. The works they have sold over the years grace museum, gallery and private collections around the world.

Eric Klos (1938-2004)

Based in Mörschied, Germany (a village next to Idar-Oberstein), Erich Klos completed his apprenticeship as a carver in 1957. However, the low wages paid to carvers at that time led him to try to find his luck with other work in the Rhine River region. After a year, he realized he missed stone carving and began a job with the well-known firm P.A. Ruppenthal in Idar-Oberstein and graduated as a Master Carver from the local gemcarving institute. He started his own carving atelier in Mörschied in 1963. He specialized in large and fine animal sculptures such as eagles, horses and bears and he was particularly well known for having developed the technique of dying agate. Sadly he was forced to give up his profession in 1996 due to a serious lung illness--a typical affliction for carvers. 1017

Nicolai Medvedev

Originally a Fine Arts student at the Institutes of Ashkhabad and Moscow, Medvedev's chosen medium was oil in which he created sunlit landscapes and stilllifes. However, minerals and gemstones always fascinated him. He was influenced by Western European traditions, yet patterns and color were deeply ingrained by life in his native Turkmenia— a land of carpets, mosques and woven textiles. As a student he would travel by train to Moscow and St. Petersburg to admire the malachite urns and lapis-faced columns of the Hermitage Museum. He has been credited with reinventing the tradition of pietra dura, or stone inlay, and his work has been recognized by collectors and museums all over the world, including the Smithsonian, which organized a one-man show for him a number of years ago and now has a number of his pieces on permanent display.

1328, 1329

Peter Mueller

Peter Mueller was born in 1952 near Luzern, Switzerland. Following professional training in international banking he commenced a brilliant career in that field only to later be lured by the appeal of international travel—which lead him to live in Brazil in 1979. A chance encounter with a Brazilian carver of birds in 1984 inspired him to change his life's work. He established a workshop in semi-precious stone carvings that same year.

His works are rich in unexpected beauty and surprising details. Naturally, no two carvings are identical. They are life-like reproductions of birds from the tropics and the Northern Hemisphere, hand-fabricated from natural colored precious stones from all over the world. The bases are hand-picked by Peter from several tons of rough, including Brazilian tourmalines and quartzes from eleven different mines, as well as many other rare minerals from his adopted country.

Familiar with the work of Idar-Oberstein carvers since his childhood, Peter has made annual trips there over the last thirty years to learn new carving techniques. These skills are then imparted to his crew of carvers in Brazil, now considered to be the best trained craftsmen in that country. Peter Mueller's lapidary work has been the subject of a number of articles including: Rock and Gem Magazine, May 2000 and Wildlife Art Magazine, March/April 2002.

1071-1085

Dieter Roth

Born on May 3, 1948 in Idar-Oberstein, Roth entered the glyptography course (the art or process of carving or engraving on precious stones) at the Professional Training School in 1963 while working in the *atelier* of cameo master Richard H. Hahn. After finishing the course in three and a half years, he passed the Glyptography Master Examination in 1973. He carved many works in the Hahn Atelier where he remained until 1978. He subsequently established the Roth Atelier where he works to the present. His cameos feature smooth surfaces and feminine images. Dieter Roth has been an officially recognized artist with the German government since 2006.

Christopher Schmidt

1020

Idar-Oberstein lapidary artist, Christoph Schmitt, born in 1956, completed his apprenticeship for gemstone carving after spending four years with Robert Juchem in the German village of Niederwörresbach. He attended the renowned Masterschool for Gem Carvers in Idar-Oberstein between 1992-1994 and began working as a Master Carver in the workshop of Robert Juchem after 1994.

Warren Jones and The Venice Lapidary Guild

A group of gemstone artists who specialized in polishing semi-precious stones, the Venice Lapidary Guild, created wearable jewelry as well as larger decorative pieces known as "table jewelry"; imaginative abstract gemstone sculptures often combined with gold, silver or wood.

Originating in Venice in 1968, The Guild sprang from the vision of Warren Jones, the General Partner, who became a founding member along with John O' Brien, and others*. The group began operation in a building on the Speedway in Venice, California, a city which had become a magnet for artists and other creative types. The Guild later relocated to various places including Echo Park, Topanga Canyon, and the Whole Earth Marketplace in Encino. After setting up a showroom in the Topanga Center in 1974, their work began to garner acclaim in the industry and appear in trade magazines such as Modern Jeweler. By 1978, the effects of cancer had impaired Jones' ability to manage the business. The guild dissolved and the gemstone artists moved on to other endeavors.

Georg Wild

The name of Wild has a long history in the Idar-Oberstein lapidary field. The art of carving and engraving has been practiced in this family for over one hundred years. In 1839, one member of the family went to Paris to learn the art of cameo cutting. Another, Johann Karl Wild IX, worked in St. Petersburg as a jeweler and engraver in the Fabergé workshops in Czarist Russia. Upon returning to Idar-Oberstein he founded his own enterprise from which sprang the firm of Georg O. Wild.

Georg O. Wild was born in Idar-Oberstein on January 22, 1894. Inheriting his father's talent for engraving, cameo cutting and carving stones he started his own firm in 1921. Large numbers of his sculptures are now exhibited in the Idar-Oberstein museum and in various museums across the United States. Not only was he a gemstone carver, his gemological knowledge was equally considerable. He founded the German Gemological Association in 1932 and around the same time established the *Gewerbehalle*, *Edelstein Institut* today part of the University of Mainz, Germany's equivalent of the Gemological Institute.

In the United States he became particularly well known for creating reproductions of Audubon birds in semi-precious stones. In France he executed some commissions in behalf of artist Georges Braque. Much of the carving of his animal figures was done by Wild himself, others by his assistants working in his *atelier* directly under his guidance. He died on November 23, 1975 at the age of 81. His business is now continued by his son, Klaus Eberhard Wild and by Manfred Weichel, his collaborator during his final years. 1001-1006, 1008-1012, 1110

Manfred Wild

Born in 1944, Manfred Wild, an eighth-generation gem cutter, is one of the most renowned lapidary artists to emerge from Idar-Oberstein. At the age of twenty, during an apprenticeship with a gemstone merchant, he began his well-rounded educational journey in the areas of fine art, gemstone cutting, engraving and goldsmithing.

Working in a family tradition of stone cutters established in 1630, Manfred Wild is one of the world's most famous creators of *objets d'arts*. He is best known for his virtuoso work in rare, precious and semi-precious materials carved as perfume bottles, animals, whimsical figures, flower studies, enameled eggs with concealed "surprises", cameos, chalices and *objets de fantaisie* made of precious stones, gold and silver.

It is helpful, of course, to understand Wild's work within the greater context of 19th and 20th Century Decorative and Jewelry Arts. In addition to the influence of his own family and town, Mr. Wild follows the traditions established by René Lalique and Peter Carl Fabergé (Russian jeweler, 1846-1920) and a great number of parallels can be seen in their work. Fabergé had begun a new era in the Jewelry Arts. Prior to him, many jewelers felt the value of jewelry was intrinsic, based upon the stones (particularly diamonds) and precious metals. The artistic creativity and superior craftsmanship introduced by Fabergé made such objects transcend their "break value". Fabergé also used a number of decorative techniques attributable to French 18th Century goldsmiths, e.g. the art of *quilloché*, a surface treatment of metal that could make waved lines or striations in the design, either performed by machine or by hand. Atop the *quilloché* decoration was a translucent enameling that required the application of several coats and the "firing" of the object in an oven after each layer, a very labor-intensive technique. The limited palette of enamels used in the 19th century was expanded upon by Fabergé who, after much experimentation, arrived at over 140 shades. He also used natural stones often found in his local area or native to Russia, e.g. jasper, agate, rhodonite, bowenite and nephrite. Often his use of precious stones, including sapphires, rubies and emeralds was in an understated way, only for accents, and even then were used en cabochon. Diamonds, if used, were typically rose-cut. So many of the aforementioned decorative elements are seen the work of Wild even as they appear in the examples on these pages. When India Early Minshall, a wealthy collector of Fabergé who purchased an egg in 1944, stated "Fabergé was called the Benvenuto Cellini of the North, but I do not think any jeweler can ever be compared to him"—She could not know that someday the work of Manfred Wild would rival the work of the great Russian jeweler.....

Mr. Wild's works are displayed in museums throughout the world including: The German Gemstone Museum in Idar-Oberstein, The Smithsonian Institution in Washington, D.C., The Harvard Museum in Boston, The Carnegie Museum in Pittsburgh and The Iksan Jewellery Museum in Korea, as well as extensive private collections in Japan, Europe, the Middle East, and the United States of America.

1021-1033, 1035-1037

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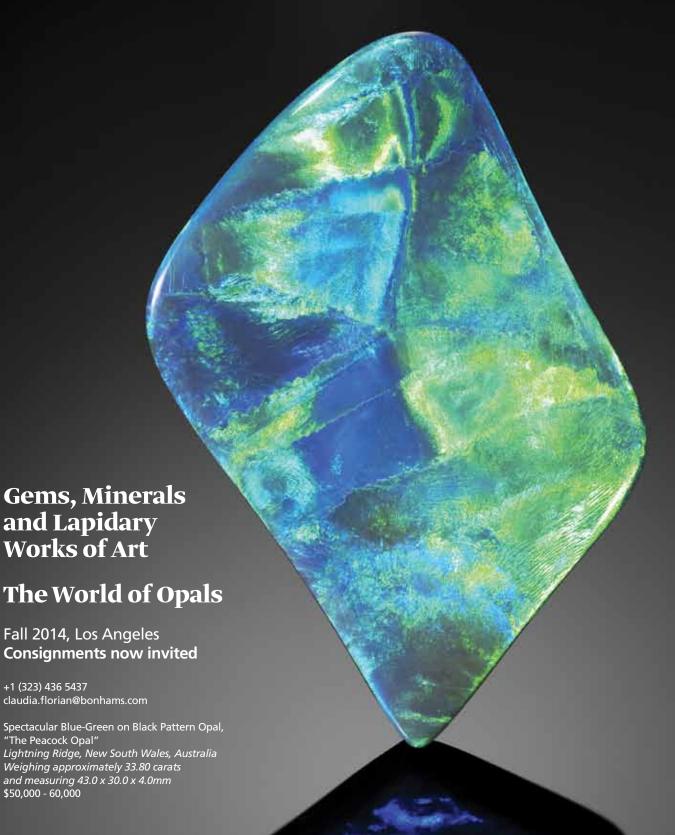
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