Founded by prominent collector Allan Lang in 1971, the R.A. Langheinrich Meteorite Collection is one of the foremost private collections in the world. Comprising hundreds of witnessed falls; unique historic documented meteorites — many with original museum numbers and specimen cards; large irons with unusual character; and lunar and planetary material, the collection is internationally recognized as an important reference and research resource. Many specimens were acquired by the collection through institutional trades with the world’s major museums.

Much of the Langheinrich Meteorite Collection is viewable online in the R.A. Langheinrich Museum of Meteorites, and private viewings can be arranged by appointment. Occasionally, specimens from the collection are made available for sale to private collectors and institutions. The specimens shown below will be offered at auction on Sunday, February 6th, 2005 during the Tucson Gem and Mineral Show.

Auction times & location HERE Absentee bidder information HERE

All specimens will be accompanied by an original R.A. Langheinrich Collection identification card. There will be NO BUYER'S PREMIUM at this auction. We accept cash, cashier's checks, personal checks (by prior arrangement please), Visa and MasterCard. Please read our auction rules before bidding. Absentee bids are welcome. Estimates are intended as a guide only.

CLICK ON IMAGES TO ENLARGE

LOT NUMBER 1  WITNESSED FALL
Elbogen
32.0 grams  With original Berlin museum label & collection numbers
Iron (IID)
Bohemia, Czech Republic  Fell 1400
Estimate: $3,000 – 3,250

LOT NUMBER 2  WITNESSED FALL
Bereba
48.2 grams  With original Paris museum label
Stone. Achondrite eucrite (EUC)
Burkina Faso, Africa  Fell June 27, 1924
Estimate: $1,400 – 1,600
LOT NUMBER 3  WITNESSED FALL  
Alfianello  
Stone (L6)  
39.1 grams with fusion crust  
Brescia, Italy  Fell 1883  
Estimate: $1,800 – 2,250

LOT NUMBER 4  
Henbury  
16.1 grams  Iron (IIIAB)  With original typed Ward’s label and #1553  
Northern Territory, Australia  Found 1931  
Estimate: $90 – 125

LOT NUMBER 5  WITNESSED FALL  
Norton County  
155 grams  
Stone: Achondrite Aubrite  
Norton County, Kansas  Fell February, 18, 1948  
Estimate: $3,300 – 3,500

LOT NUMBER 6  
Caddo County  
64.7 grams  
Iron (IAB) Silicate inclusions  
Caddo County, OK, USA  Found 1986  
Estimate: $675 – 750

LOT NUMBER 7  WITNESSED FALL  
Cangas de Onis  
Stone (H5)  
26.6 grams  
Asturias, Spain  Fell December 6, 1866  
Estimate: $500 – 600

LOT NUMBER 8  WITNESSED FALL  
Acapulco  
Stone (CHANCOM)  
1.27 grams  
Acapulco, Mexico  Fell August 11, 1976  
Estimate: $625 – 750
LOT NUMBER 9  WITNESSED FALL

Millbillillie
117.2 grams
Stone (EUC)
Wiluna dist. Western Australia, Australia  Fell October 1960
Estimate: $550 – 650

LOT NUMBER 10  WITNESSED FALL

Aldsworth
1.38 grams  With vintage handwritten collection label
Stone (LL5 veined)
Cirencester, Gloucestershire, England  Fell August 4, 1835
Estimate: $160 – 250

LOT NUMBER 11

Canyon Diablo
Iron (IAB)
2489 grams  With handpainted Nininger number 34.5404
Coconino County, Arizona
Estimate: $2,000 – 2,300

LOT NUMBER 12  WITNESSED FALL

Schonenberg  The "Christmas Meteorite"
6.0 grams
Stone (L6 veined)
Schwaben, Bayern, Germany  Fell December 25, 1846
Estimate: $700 – 800

LOT NUMBER 13

Cat Mountain
Stone Impact melt breccia (L5)  Dimensions: 92 mm x 112 mm
86.7 grams  Complete slice with diamond lap finish
Pima County, Arizona  Found 1982
Estimate: $4,000 – 4,500

LOT NUMBER 14

Gibeon
1948 grams  Complete very large eched slice
Dimensions: 5.8 mm x 240 mm x 280 mm
Great Nama Land, Namibia Iron (IVA)  Found 1836
Estimate: $1,150 – 1,300
<table>
<thead>
<tr>
<th>Lot Number</th>
<th>Witnessed Fall</th>
<th>Material</th>
<th>Weight</th>
<th>Location</th>
<th>Date Found</th>
<th>Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>WITNESSED FALL</td>
<td>Bogou</td>
<td>21.5 g</td>
<td>Burkina Faso</td>
<td>August 14, 1962</td>
<td>$300 – 400</td>
</tr>
<tr>
<td>16</td>
<td>WITNESSED FALL</td>
<td>Cynthiana</td>
<td>3.2 g</td>
<td>Harrison County, Kentucky</td>
<td>January 23, 1877</td>
<td>$250 – 300</td>
</tr>
<tr>
<td>17</td>
<td>WITNESSED FALL</td>
<td>Stannern</td>
<td>143.3 g</td>
<td>Iglau, Moravia, Czech Republic</td>
<td>May 22, 1808</td>
<td>$7,000 – 8,000</td>
</tr>
<tr>
<td>18</td>
<td>WITNESSED FALL</td>
<td>Drake Creek</td>
<td>21.5 g</td>
<td>Summer County, Tennessee</td>
<td>May 9, 1827</td>
<td>$350 – 400</td>
</tr>
<tr>
<td>19</td>
<td>WITNESSED FALL</td>
<td>Ceniceros</td>
<td>8.1 g</td>
<td>Chihuahua, Mexico</td>
<td>August 20, 1988</td>
<td>$100 – 150</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>Dar al Gani 194</td>
<td>147.8 g 95% fusion-crusted, extremely attractive stone.</td>
<td>Found Hammadah al Hamra, Libya</td>
<td>$1,100 – 1,300</td>
<td></td>
</tr>
</tbody>
</table>
LOT NUMBER 21  WITNESSED FALL

Elenovka
13.5 grams
Stone (L5)
Donetsk Province, Ukraine  Fell October 17, 1951
Estimate: $200 – 300

LOT NUMBER 22  WITNESSED FALL

Chaves
1.4 g
Stone, acondrite howardite (HOW)
Traz-os-Montes, Portugal  Fell May 3, 1925
Estimate: $800 – 950

LOT NUMBER 23  WITNESSED FALL

Happy Canyon
18.8 grams  With original AML Label & Huss #H314.74
Stone (EL)
Happy Canyon, Texas  Found 1971
Estimate: $750 – 850

LOT NUMBER 24  WITNESSED FALL

Ibbenburen
7.7 grams
Achondrite, Diogenite
Nordrhein-Westfalen, Germany  Fell June 17, 1870
Estimate: $2,400 – 2,600

LOT NUMBER 25  WITNESSED FALL

Djati-Pengilon
36.4 grams
Stone, (H6)
Java, Indonesia  Fell March 19, 1884
Estimate: $550 – 650

LOT NUMBER 26  WITNESSED FALL

Adzhi-Bogdo
7.7 grams
Stone (LL3-6)
Gobi Altay, Mongolia  Fell October 30, 1949
Estimate: $125 – 175
<table>
<thead>
<tr>
<th>LOT NUMBER</th>
<th>WITNESSED FALL</th>
<th>LOCATION</th>
<th>WEIGHT</th>
<th>MATERIAL</th>
<th>LOCATION</th>
<th>DATE</th>
<th>ESTIMATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Johnstown</td>
<td>Johnstown</td>
<td>43.2 g</td>
<td>Stone Achondrite</td>
<td>Diogenite</td>
<td>Weld County, Colorado</td>
<td>Fell July 6, 1924</td>
</tr>
<tr>
<td>28</td>
<td>Monroe</td>
<td>Monroe</td>
<td>56.4 g</td>
<td>Stone (H4)</td>
<td>Cabarrus County, North Carolina</td>
<td>Fell October 31, 1849</td>
<td>$1,450 – 1,700</td>
</tr>
<tr>
<td>29</td>
<td>Kunashak</td>
<td>Kunashak</td>
<td>348 g</td>
<td>Stone (L6)</td>
<td>Chelyabinsk Province, Russia</td>
<td>Fell June 11, 1949</td>
<td>$1,100 – 1,300</td>
</tr>
<tr>
<td>30</td>
<td>Marion (Iowa)</td>
<td>Marion</td>
<td>66.2 g</td>
<td>Stone (L6 veined)</td>
<td>Linn County, Iowa</td>
<td>Fell February 25, 1847</td>
<td>$350 – 425</td>
</tr>
<tr>
<td>31</td>
<td>Mighei</td>
<td>Mighei</td>
<td>4.8 g</td>
<td>Stone Carbonaceous</td>
<td>(CM2)</td>
<td>Mykolaiv province, Ukraine</td>
<td>Fell June 18, 1889</td>
</tr>
<tr>
<td>32</td>
<td>Milena</td>
<td>Milena</td>
<td>15 g</td>
<td>Stone (L6)</td>
<td>Varazdin, Croatia</td>
<td>Fell April 26, 1842</td>
<td>$400 – 600</td>
</tr>
</tbody>
</table>
LOT NUMBER 33  WITNESSED FALL
Bachmut
19.4 grams
Stone (L6)
Donetsk Region, Ukraine  Fell February 15, 1814
Estimate: $250 – 300

LOT NUMBER 34  WITNESSED FALL
Mocs
41.5 grams with fusion crust
Stone (L6)
Transylvania, Romania  Fell February 3, 1882
Estimate: $375 – 450

LOT NUMBER 35
Northwest Africa 176
22.7 grams
Unique ungrouped iron with olivine crystals
Morocco/Algeria border  Found 1999
Estimate: $750 – 850

LOT NUMBER 36  WITNESSED FALL
Indarch
6.6 grams Very thin part slices with diamond lap finish
Stone (E4)  Dimensions: 1.6mm x 34mm x 41mm
Shusha, Elisavetpol, Azerbaydzhan  Fell 1891
Estimate: $275 – 350

LOT NUMBER 37
Seagraves (c )
1122 grams
Stone (L6/7)
Terry County, Texas  Found 1989
Estimate: $675 – 750

LOT NUMBER 38  WITNESSED FALL
Nuevo Mercurio
149.7 grams
Stone (H5)
Zacatecas, Mexico  Fell December 15, 1978
Estimate: $525 – 675
LOT NUMBER 39  WITNESSED FALL

Kuznetzovo
48.3 grams  With Russian museum number 219
Stone (L6)
Novosibirsk Province, Russia  Fell May 26, 1932
Estimate: $875 – 975

LOT NUMBER 40  WITNESSED FALL

Noyan-Bogdo  This is the largest slice cut from the main mass
250.4 grams  Stone (L6)
Omnogov aimag, Mongolia  Fell September 1933
Thin slice 5.3 mm x 120 mm x 160 mm with fusion crust all around edge
Estimate: $1,250 – 1,500

LOT NUMBER 41  WITNESSED FALL

Vouille
46.0 grams
Stone (L6)
Poitiers, Vienne France  Fell May 13, 1831
Estimate: $700 – 800

LOT NUMBER 42

Northwest Africa 1222
125.8 grams  Dimensions: 2.8 mm x 120 mm x 160 mm
Stone (EL5)  Sahara Desert, Found 2000
Very thin slice of a rare EL5 with a diamond lap finish
Estimate: $3,500 – 4,500

LOT NUMBER 43  WITNESSED FALL

Ochansk  With original Russian museum label
197 grams  Some fusion crust (very unusual for Ochansk specimens)
Stone (H4)
Perm Province, Russia  Fell August 30, 1887
Estimate: $600 – 700

LOT NUMBER 44

Santa Catharina
505 grams
Iron (UNGR)
Santa Catharina, Brazil  Fell 1875
Estimate: $500 – 600
LOT NUMBER 45  WITNESSED FALL

Zhovtnevyi
205.7 grams  Very thin, large slice with fusion crust and nice metal veins
Pavlovka, Stalino, Donetsk Province, Ukraine Stone (H5)
Fell October 10, 1938  Dimensions: 4.3 mm x 105 mm x 170 mm
Estimate: $950 – 1,100

LOT NUMBER 46  WITNESSED FALL

Khor Temiki
5.2 grams
Stone Achondrite Aubrite
Kassala, Sudan  Fell April 8, 1932
Estimate: $1,750 – 1,950

LOT NUMBER 47  WITNESSED FALL

Shelburne
38.5 grams
Stone (L5)
Ontario, Canada  Fell August 14, 1904
Estimate: $750 – 850

LOT NUMBER 48  WITNESSED FALL(?)

Winona
3.91 grams
Stone Winonaite
Coconino County, Arizona  Fell (? ) Prehistoric
Estimate: $1,100 – 1,300

LOT NUMBER 49  WITNESSED FALL

St. Michel
15.3 grams Nicely brecciated
Stone (L6)
Mikkeli, Finland  Fell July 12, 1910
Estimate: $275 – 350

LOT NUMBER 50  WITNESSED FALL?

Tsarev
1277 grams
Stone (L5)
Volgograd Province Russia  Found 1968. Possibly fell Dec. 6, 1922?
Estimate: $1,400 – 1,600
LOT NUMBER 51  WITNESSED FALL

Monahans
9.1 grams
Stone (H5)
Ward County, Texas  Fell March 22, 1998
Estimate: $800 – 900

LOT NUMBER 52  WITNESSED FALL

Murchison
36.5 grams  A perfect 100% fusion-crusted, oriented stone. Superb!
Stone (CM2)
Victoria, Australia  Fell September 28, 1969
Estimate: $3,300 – 3,600

LOT NUMBER 53  WITNESSED FALL

Monze
715 grams
Stone (L6)
Southern Province, Zambia  Fell October 5, 1950
Estimate: $950 – 1,200

LOT NUMBER 54  WITNESSED FALL

Warrenton
2.0 grams
Stone (CO3)
Warren County, Missouri  Fell January 3, 1877
Estimate: $200 – 300

LOT NUMBER 55  LUNAR METEORITE

Northwest Africa 032  Complete lunar slice, diamond lap finish. Killer!
Lunar meteorite (Olivine-pyroxene basalt)
6.7 grams  Dimensions: 2.4 mm x 28.5 mm x 38.4mm
Found in Morocco near Algerian border  October 1999
Estimate: $15,900 – 16,900

LOT NUMBER 56

Canyon Diablo  A superb iron with large natural hole & Huss # H37.82
Iron (IAB)
2,226 grams
Coconino County, Arizona
Estimate: $4,200 – 4,800
LOT NUMBER 57   WITNESSED FALL
Patrimonio
Stone (L6)
12.1 grams with 35% fusion crust
Minas Gerais Brazil   Fell August 6, 1950
Estimate: $200 – 275

LOT NUMBER 58   WITNESSED FALL
Pasamonte
Stone Achondrite, Eucrite
7.5 grams with excellent fusion crust
Union County, New Mexico   Fell March 24, 1933

LOT NUMBER 59   WITNESSED FALL
Juvinas  With vintage handwritten, signed C. U. Shepard label
Stone Achondrite, Eucrite
4.0 grams
Ardeche, France   Fell June 15, 1821

LOT NUMBER 60   WITNESSED FALL
Harleton
Stone (L6)
20.6 grams partially crusted
Harrison County, Texas   Fell May 30, 1961

LOT NUMBER 61   WITNESSED FALL
Wold Cottage
Stone (L6)
2.2 grams  Dimensions: 4mm x 10mm x 15.5mm
Yorkshire, England   Fell December 13, 1795

LOT NUMBER 62   WITNESSED FALL
Wold Cottage
Stone (L6)
7.4 grams with crust Dimensions: 4mm x 21.5mm x 35mm
Yorkshire, England   Fell December 13, 1795
LOT NUMBER 63           WITNESSED FALL

Holbrook   96% fresh fusion crust, hand picked from AMNH. Exceptional!
Stone (L6) 546 grams   AMNH #1501
Navajo County, Arizona, USA
Witnessed fall, July 19, 1912

LOT NUMBER 64           WITNESSED FALL

Kisvarsany
Stone (L6)
2.3 grams with crust
Hungary   Fell May 24, 1914

LOT NUMBER 65

Odessa
Iron (IAB)
3,434 grams
Ector County, Texas
Found 1922

LOT NUMBER 66           WITNESSED FALL

Linum
Stone (L6)
6.3 grams with crust   Dimensions: 2.8mm x 26mm x 37mm
Bradenburh, German   Fell September 5, 1854

LOT NUMBER 67           WITNESSED FALL

Pervomaisky    Complete stone 98% crusted, museum #249
Stone (L6)
520 grams
Vladimirskaya, Russia   Fell December 26, 1933

LOT NUMBER 68        LUNAR METEORITE

Northwest Africa 032    Lunar slice with diamond lap finish
Lunar meteorite (Olivine-pyroxene basalt)
2.5 grams size 1.6mm x 16mm x 42mm
Found in Morocco near Algerian border   October 1999
LOT NUMBER 69           WITNESSED FALL
Leedey Complete stone 97% crust, Nininger # 489.11 & Monnig # M39.9
Stone (L6) 1,160 grams
Dewey County, Oklahoma, USA   Fell November 25, 1943
Note: This actual stone featured on "Meteorites A to Z" poster

LOT NUMBER 70
Henbury Fabulous regmaglypted individual
Iron (IIIAB) 3,670 grams
Northern Territory, Australia  Found 1931

LOT NUMBER 71
Murray USNM 1769 #5
Stone: Carbonaceous (CM2) 37.2 grams
Calloway County, Kentucky Witnessed fall, September 20, 1950

LOT NUMBER 72
Allan Hills 76009 Antarctic meteorite!
Stone (L6) 35.0 grams
Antarctica   Found 1976

LOT NUMBER 73           WITNESSED FALL
Barwell British Christmas Eve fall, with NHM # 32885 & crust!
Stone (L6) 99.0 grams
Leicestershire, England Fell December 24, 1965

LOT NUMBER 74           WITNESSED FALL
Kapoeta Very thin excellent slice
Stone: Achondrite, Howardite 11.4 grams
Equatoria, Sudan  Fell April 22, 1942