

# Gems & Gemology



SPRING 1977



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**GEMS & GEMOLOGY**

# Comments on the Hixon Collection

The magnificent Hixon Colored Stone Collection now is the property of the Natural History Museum of Los Angeles County. The Collection was assembled over a period of several years by Mr. F. C. Hixon, with the assistance of Ben R. Hammond, Jr. GG of San Antonio and Allan Caplan of New York. From the beginning, Mr. Hixon wanted the Collection to be used to the best advantage of future generations in the study of gemstones, so the stones were chosen with that in mind. The Collection was donated to the museum with the express understanding that it would be available to the Gemological Institute of America for use in special classes in Colored Stones to be given in a laboratory space prepared for that purpose in the museum.

The unique thing about the Hixon Collection is that it was planned from the beginning to be a useful working collection. The idea was that students and other interested collectors could examine stones of a size useful for jewelry, rather than the largest to be found. Stones were chosen to exemplify as complete as possible a color spectrum for each of the colored stone species. It was thought that the various stones could be valued on a regular basis by specialists in each of the gem species. In this way, it would be possible for an individual to stay abreast of the changing marketplace in colored stones with somewhat greater accuracy than would be possible otherwise.

In order to facilitate their use in study, Mr. Hixon donated a handsome sum to the museum to assist in the construction of a new wing that would house the Collection and in building a room that would be ideal for the study of the stones in the Collection.

The Collection is unusual in that it contains fine specimens of many of the rarely encountered gem materials, and it is a complete spectrum as possible in each of the major species. It is particularly strong in spinel, tourmaline, and corundum. However, the beryls are very fine, also. All in all, the Hixon Collection will be of great value to students of gem materials in perpetuity.

Even though the photographs are particularly good, for color photographs of gemstones, they really fail to do justice to

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# Gems & Gemology

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NUMBER 9

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SPRING 1977

Special  
Color Issue

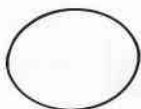




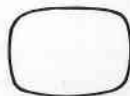
**SIAM RUBY**  
 9.3 x 9.2 x 5.0 mm.  
 3.85 cts.  
 \*13814



**SHERRY  
 SAPPHIRE**  
 12.0 x 18.5 x 4.5 mm.  
 4.32 cts.  
 13812



**HONEY-GREEN  
 CHRYSOBERYL**  
 15.7 x 12.5 x 8.2 mm.  
 13.24 cts.  
 13800



**ALEXANDRITE  
 CHRYSOBERYL**  
 12.4 x 10.0 x 6.5 mm.  
 8.07 cts.  
 13799



**STAR RUBY**  
 14.8 x 11.9 x 10.0 mm.  
 18.29 cts.  
 13815

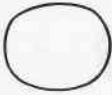


**BLUE STAR  
 SAPPHIRE**  
 15.8 x 12.0 x 12.9 mm.  
 24.98 cts.  
 13813

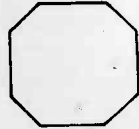


**CHRYSOBERYL  
 CAT'S-EYE**  
 11.4 x 8.4 mm.  
 9.57 cts.  
 13798

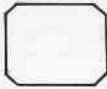




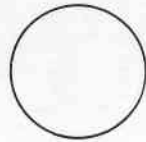
**GOLDEN ZIRCON**  
12.9 x 10.0 x 7.5 mm.  
9.57 cts.  
13802



**ORANGE ZIRCON**  
16.0 x 15.5 x 9.6 mm.  
21.08 cts.  
13803



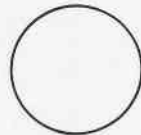
**GREEN ZIRCON**  
12.6 x 10.5 x 7.7 mm.  
10.34 cts.  
13805



**COLORLESS ZIRCON**  
16.5 x 10.0 mm.  
23.07 cts.  
13801



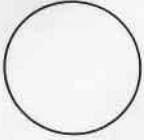
**BROWN ZIRCON**  
12.7 x 12.1 x 9.0 mm.  
14.53 cts.  
13804



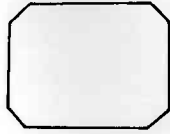
**BLUE ZIRCON**  
16.0 x 11.4 mm.  
23.85 cts.  
13806



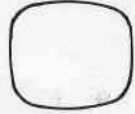




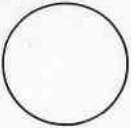
**YELLOW  
SPHALERITE**  
16.0 x 9.8 mm.  
19.46 cts.  
13809



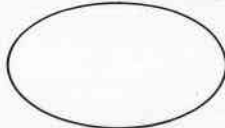
**COLORLESS  
TOPAZ**  
20.3 x 15.3 x 9.7 mm.  
28.63 cts.  
13820



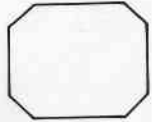
**BLUE TOPAZ**  
15.5 x 13.0 x 9.7 mm.  
17.74 cts.  
13816



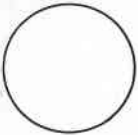
**RED SPHALERITE**  
16.0 x 10.3 mm.  
20.23 cts.  
13810



**BLUE TOPAZ**  
26.4 x 16.0 x 12 mm.  
41.47 cts.  
13728



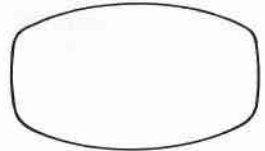
**BROWN TOPAZ**  
16.8 x 14.4 x 12.3 mm.  
26.34 cts.  
13817



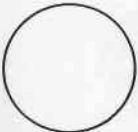
**YELLOW-BROWN  
SPHALERITE**  
15.7 x 8.9 mm.  
17.42 cts.  
13811



**PINK-GREEN  
BI-COLOR TOPAZ**  
22.9 x 13.3 x 8.9 mm.  
27.03 cts.  
13821



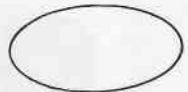
**YELLOW TOPAZ**  
29.8 x 17.0 x 11.7 mm.  
53.22 cts.  
13818



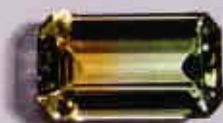
**YELLOW-GREEN  
SPHALERITE**  
16.2 x 9.0 mm.  
8.35 cts.  
13725

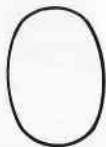


**COLORLESS  
TOPAZ**  
9.5 x 6.6 mm.  
3.95 cts.  
13714



**COGNAC TOPAZ**  
21.0 x 11.2 x 7.6 mm.  
15.62 cts.  
13819

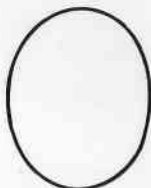




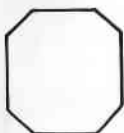
**RED-PURPLE  
SPINEL**  
17.0 x 11.8 x 8.4 mm.  
14.25 cts.  
16799



**PURPLE SPINEL**  
10.6 x 10.7 x 7.5 mm.  
7.44 cts.  
16795



**LAVENDER  
JADEITE**  
22.4 x 16.0 x 6.7 mm.  
20.51 cts.  
15534



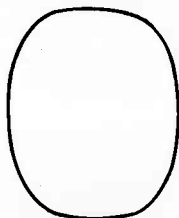
**PINK SPINEL**  
15.4 x 14.0 x 6.9 mm.  
13.93 cts.  
16793



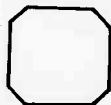
**ORANGE-RED  
SPINEL**  
13.2 x 12.7 x 9.6 mm.  
12.44 cts.  
16811



**AQUA-BLUE SPINEL**  
12.7 x 9.5 x 6.5 mm.  
6.07 cts.  
16810



**RED SPINEL**  
25.7 x 20.1 x 12.8 mm.  
55.68 cts.  
16813



**PINK SPINEL**  
12.3 x 11.9 x 6.5 mm.  
9.28 cts.  
16815



**RED SPINEL**  
15.3 x 11.5 x 8.3 mm.  
12.99 cts.  
16794

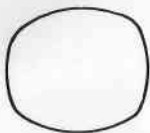


**BLUE SPINEL**  
16.0 x 11.8 x 7.0 mm.  
11.60 cts.  
16797

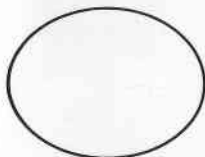


**COBALTOCALCITE**  
13.7 x 9.8 mm.  
9.42 cts.  
16802





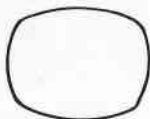
**PURPLE  
TOURMALINE**  
17 x 15.6 x 11.2 mm.  
19.32 cts.  
13841



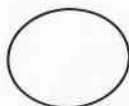
**RED  
TOURMALINE**  
23.5 x 17.7 x 12.2 mm.  
32.76 cts.  
13840



**RUBELLITE  
TOURMALINE**  
18.7 x 11.3 x 8.5 mm.  
13.47 cts.  
13843



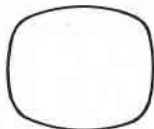
**PINK  
TOURMALINE**  
17.0 x 13.4 x 10.1 mm.  
17.66 cts.  
13842



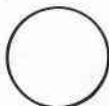
**PINK  
TOURMALINE**  
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13.79 cts.  
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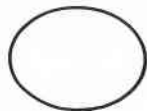
**ORANGE-PINK  
TOURMALINE**  
16.0 x 12.2 x 7.7 mm.  
11.38 cts.  
13839



**BROWN  
TOURMALINE**  
16.5 x 12.3 x 7.6 mm.  
10.37 cts.  
13837



**PINK-GREEN  
BI-COLOR  
TOURMALINE**  
12.0 x 8.5 mm.  
6.77 cts.  
13844

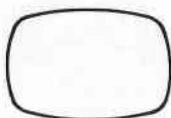


**BROWN  
TOURMALINE**  
17.2 x 15.0 x 9.8 mm.  
19.31 cts.  
13838



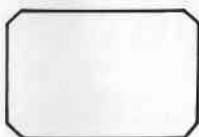
**GOLDEN  
TOURMALINE**  
10.0 x 8.0 mm.  
6.85 cts.  
13836





**BLUE  
TOURMALINE**

19.6 x 13.7 x 9.4 mm.  
20.84 cts.  
13834



**BI-COLOR  
TOURMALINE**

23.7 x 16.3 x 11.0 mm.  
38.31 cts.  
13835



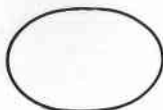
**GREEN  
TOURMALINE**

16.1 x 14.1 x 7.7 mm.  
14.22 cts.  
13832



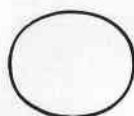
**GREEN  
TOURMALINE**

16.4 x 10.3 mm.  
17.27 cts.  
13828



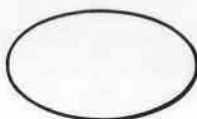
**CHROME GREEN  
TOURMALINE**

19.2 x 13.2 x 9.1 mm.  
14 cts.  
13833



**YELLOW-GREEN  
TOURMALINE**

15.2 x 13.7 x 8.7 mm.  
10.17 cts.  
13830



**YELLOW-GREEN  
TOURMALINE**

23.0 x 14.3 x 9.0 mm.  
20.50 cts.  
13829



**CHROME GREEN  
TOURMALINE**

11.4 x 7.7 x 4.4 mm.  
2.35 cts.  
13831



**PURPLE CAT'S-EYE  
TOURMALINE**

12.5 x 9.7 x 5.9 mm.  
5.90 cts.  
13848



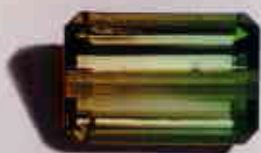
**BLUE CAT'S-EYE  
TOURMALINE**

16.6 x 11.8 x 9.1 mm.  
13.44 cts.  
13846



**RED CAT'S-EYE  
TOURMALINE**

9.6 x 11.0 x 6.4 mm.  
5.32 cts.  
13847







**PINK PADPARADSCHA  
BI-COLORED SAPPHIRE**

14.9 x 10.6 x 7.5 mm.

11.95 cts.

16812

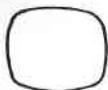


**ROSE  
SAPPHIRE**

13.4 x 9.2 x 7.4 mm.

9.34 cts.

15337



**PADPARADSCHA  
SAPPHIRE**

11.9 x 10.0 x 5.3 mm.

6.51 cts.

15331



**GREEN  
SAPPHIRE**

10.1 x 6.0 mm.

4.36 cts.

15334



**ROSE  
SAPPHIRE**

11.3 x 10.7 x 5.2 mm.

6.20 cts.

15332



**ORANGE  
SAPPHIRE**

15.3 x 11.3 x 8.5 mm.

16.36 cts.

15330



**BI-COLORED  
BLUE-GREEN SAPPHIRE**

15.7 x 9.8 mm.

17.81 cts.

15339

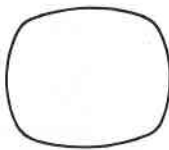


**PINK  
SAPPHIRE**

13.8 x 10.7 x 7.5 mm.

9.28 cts.

15333



**GOLDEN  
SAPPHIRE**

19.8 x 17.1 x 12.2 mm.

39.72 cts.

15329



**ALEXANDRITE-LIKE  
BLUE SAPPHIRE**

11.5 x 11.1 x 9.2 mm.

9.54 cts.

15336

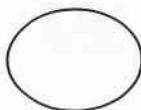


**RED-PURPLE  
SAPPHIRE**

14.1 x 9.6 x 8.1 mm.

11.18 cts.

15335



**GOLDEN  
SAPPHIRE**

14.9 x 11.8 x 9.9 mm.

17.15 cts.

15328



**MAUVE-PINK  
SAPPHIRE**

13.4 x 9.4 x 6.5 mm.

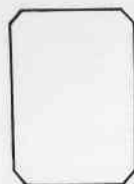
8.13 cts.

15338

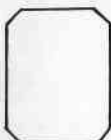




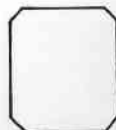
**ORANGE BERYL**  
13.6 x 9.8 x 5.9 mm.  
5.97 cts.  
13796



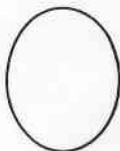
**YELLOW-GREEN  
BERYL**  
21.0 x 15.0 x 9.7 mm.  
24.92 cts.  
13794



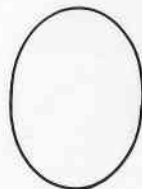
**GREEN BERYL**  
16.5 x 13.4 x 10.3 mm.  
15.00 cts.  
13795



**PINK BERYL**  
13.0 x 15.0 x 8.8 mm.  
14.25 cts.  
13792

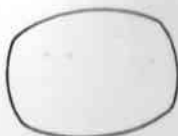


**GOLDEN BERYL**  
17.4 x 14.4 x 7.3 mm.  
10.44 cts.  
13793

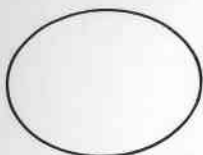


**GREEN BERYL  
CAT'S-EYE**  
22.7 x 15.6 x 13.5 mm.  
34.11 cts.  
13797

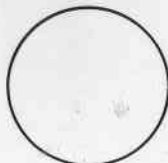




**AMETHYST QUARTZ**  
 19.1 x 15.8 x 10.5 mm.  
 19.31 cts.  
 13766



**CITRINE QUARTZ**  
 24.5 x 17.8 x 11.7 mm.  
 28.18 cts.  
 13731



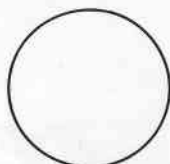
**AMETHYST QUARTZ**  
 19.4 x 13.5 mm.  
 27.19 cts.  
 13732



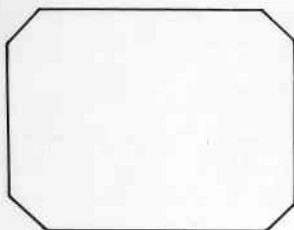
**RUTILATED QUARTZ**  
 14.5 x 9.1 mm.  
 9.32 cts.  
 13771



**CITRINE QUARTZ**  
 18.2 x 13.2 x 10.0 mm.  
 13.83 cts.  
 13734



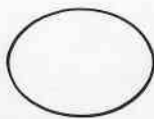
**MADEIRA RED QUARTZ**  
 20.4 x 11.8 mm.  
 27.22 cts.  
 13733



**SMOKY QUARTZ**  
 35.0 x 28.0 x 18.0 mm.  
 132.28 cts.  
 13712



**KUNZITE**  
 22.7 x 14.0 x 10.6 mm.  
 26.36 cts.  
 13776



**GREEN SPODUMENE**  
 18.4 x 13.5 x 10.5 mm.  
 9.93 cts.  
 13727



**KUNZITE**  
 12.8 x 9.0 x 7.3 mm.  
 5.20 cts.  
 13715





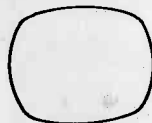
**ALMANDINE  
GARNET**

13.5 x 10.0 mm.  
17.47 cts.  
13822



**YELLOW-ORANGE  
GROSSULAR GARNET**

11.5 x 7.4 mm.  
7.49 cts.  
13826



**GREEN  
GROSSULAR GARNET**

17.0 x 14.4 x 9.6 mm.  
18.71 cts.  
13825



**HESSONITE  
GARNET**

14.0 x 10.0 x 7.4 mm.  
8.41 cts.  
13824



**GREEN  
GROSSULAR GARNET**

10.4 x 9.0 x 5.0 mm.  
3.98 cts.  
13726



**ORANGE  
SPESSARTINE GARNET**

10.0 x 6.8 mm.  
5.70 cts.  
13823



**BROWN  
GROSSULAR GARNET**

10.1 x 6.3 mm.  
4.71 cts.  
13722



**BLUE EUCLASE**

10.5 x 6.8 x 4.2 mm.  
2.67 cts.  
13790



**GREEN EUCLASE**

9.8 x 5.6 mm.  
2.78 cts.  
13718



**BLUE EUCLASE**

9.9 x 3.5 x 3.2 mm.  
1.02 cts.  
13756



**GREEN EUCLASE**

5.8 x 4.5 x 3.6 mm.  
0.78 cts.  
13755



**YELLOW SPHEHNE**

7.0 x 12.0 x 4.8 mm.  
2.80 cts.  
13716



**BROWN SPHEHNE**

10.9 x 6.5 mm.  
4.60 cts.  
13808

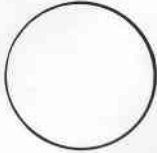


**AXINITE**

10.3 x 8.8 x 6.5 mm.  
5.08 cts.  
13721





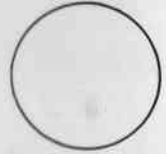


**GREEN SPHENE**

19.4 x 15.7 mm.  
43.09 cts.  
16798

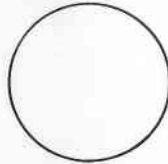


**MAXIXE TYPE  
BLUE BERYL**  
20.9 x 18.5 x 12.4 mm.  
34.61 cts.  
16805



**PINK TOURMALINE**

18.6 x 11.9 mm.  
22.65 cts.  
16808



**ORANGE  
SPHALERITE**

19.1 x 12.9 mm.  
34.39 cts.  
16809



**KASHMIR BLUE  
SAPPHIRE**  
10.5 x 9.0 x 6.7 mm.  
6.70 cts.  
16796



**MUZO EMERALD**  
11.8 x 9.8 x 6.4 mm.  
5.45 cts.  
16792



**GREEN DIOPSIDE**  
14.8 x 12.7 x 6.5 mm.  
11.74 cts.  
16801



**IDOCRASE**  
14.8 x 8.1 mm.  
10.66 cts.  
16806



**YELLOW-BROWN  
SPHALERITE**  
15.1 x 12.0 mm.  
23.36 cts.  
16807



**RHODOCROSITE**  
17.6 x 13.6 x 8.5 mm.  
14.22 cts.  
16800



**YELLOW  
SCHEELITE**  
11.0 x 8.1 x 5.6 mm.  
5.72 cts.  
16803



**GREEN EUCLASE**  
15.3 x 11.4 x 9.0 mm.  
10.53 cts.  
16804





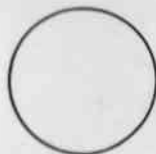
**GREEN  
FLUORITE**

21.5 x 15.0 x 13.5 mm.  
37.46 cts.  
13778



**PURPLE  
FLUORITE**

15.6 x 11.0 mm.  
18.20 cts.  
13769



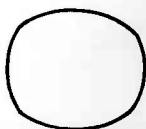
**GREEN  
FLUORITE**

18.0 x 12.6 mm.  
26.13 cts.  
13768



**ANDALUSITE**

11.2 x 9.2 x 5.4 mm.  
3.72 cts.  
13746



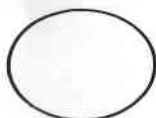
**ANDALUSITE**

16.5 x 14.5 x 9.7 mm.  
15.60 cts.  
13747



**ANDALUSITE**

15.3 x 11.0 x 6.9 mm.  
9.80 cts.  
13717



**YELLOW  
APATITE**

18.2 x 12.8 x 8.9 mm.  
15.12 cts.  
13719



**GREEN  
APATITE**

12.0 x 8.3 x 5.0 mm.  
3.59 cts.  
13748



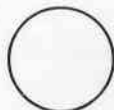
**BLUE  
APATITE**

7.0 x 5.6 x 4.7 mm.  
0.73 cts.  
13750



**PETALITE**

7.5 x 4.6 mm.  
1.02 cts.  
13779



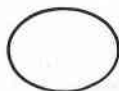
**CERUSSITE**

12.5 x 8.2 mm.  
15.10 cts.  
13807



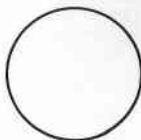
**SMOKY  
CASSITERITE**

7.9 x 4.8 mm.  
3.80 cts.  
13752



**MOLDAVITE**

12.8 x 9.7 x 4.3 mm.  
3.13 cts.  
13784



**IOLITE**

16.3 x 11.8 mm.  
13.54 cts.  
13788



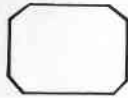
**BRAZILIANITE**

14.4 x 9.8 x 7.0 mm.  
9.08 cts.  
13781

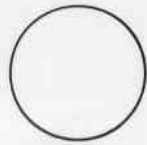




**AMBLYGONITE**  
 15.0 x 10.1 mm.  
 13.41 cts.  
 13789



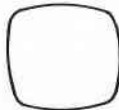
**SINHALITE**  
 14.8 x 11 x 7.2 mm.  
 11.75 cts.  
 13758



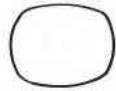
**ORANGE CALCITE**  
 15.5 x 10.6 mm.  
 15.14 cts.  
 13751



**YELLOW DANBURITE**  
 13.0 x 10.3 x 6.0 mm.  
 5.08 cts.  
 13753



**YELLOW ORTHOCLASE**  
 13.9 x 12.6 x 9.3 mm.  
 8.50 cts.  
 13720



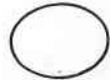
**PHENAKITE**  
 12.5 x 9.4 x 6.1 mm.  
 4.46 cts.  
 13783



**KORNERUPINE**  
 10.4 x 7.2 mm.  
 6.04 cts.  
 13782



**COLORLESS SMITHSONITE**  
 7.1 x 7.0 x 6.0 mm.  
 3.18 cts.  
 13759



**YELLOW SCAPOLITE**  
 11.8 x 9.7 x 7.2 mm.  
 4.75 cts.  
 13757



**BENITOITE**  
 8.1 x 4.9 mm.  
 2.02 cts.  
 13791



**ORANGE SCHEELITE**  
 9.0 x 5.8 mm.  
 5.27 cts.  
 13735



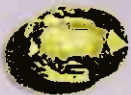
**BENITOITE**  
 6.4 x 4.68 x 3.0 mm.  
 0.73 cts.  
 13749



**COLORLESS SCHEELITE**  
 9.8 x 5.5 mm.  
 5.59 cts.  
 13777



**WULFENITE**  
 5.8 x 5.0 x 2.1 mm.  
 0.92 cts.  
 13780





**WHITE JADEITE**  
18 x 13 mm.  
12.32 cts.  
13762



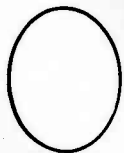
**GREEN JADEITE**  
18 x 13 mm.  
9.74 cts.  
13763



**RED JADEITE**  
18 x 13 mm.  
9.45 cts.  
13760



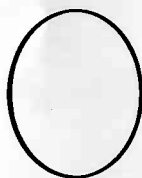
**LAVENDER  
JADEITE**  
18 x 13 mm.  
12.66 cts.  
13761



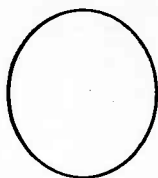
**BROWN JADEITE**  
18 x 13 mm.  
6.40 cts.  
13765



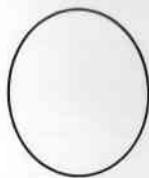
**BLACK JADEITE**  
18 x 13 mm.  
9.79 cts.  
13764



**TURQUOISE**  
21.8 x 15.9 mm.  
14.58 cts.  
13745



**MATRIX TURQUOISE**  
20.4 x 17.2 mm.  
15.87 cts.  
13737



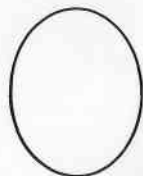
**TURQUOISE**  
20.5 x 16.9 mm.  
22.66 cts.  
13736



**PINK CORAL**  
15 x 20 mm.  
14.90 cts.  
13740



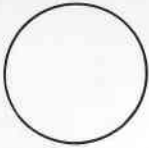
**RED CORAL**  
15 x 20 mm.  
19.67 cts.  
13739



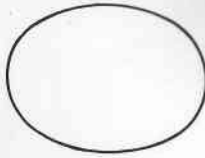
**RED CORAL**  
15 x 20 mm.  
16.21 cts.  
13738



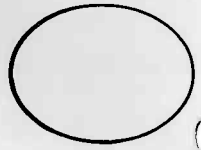




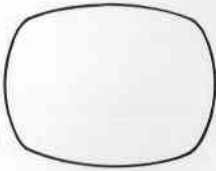
**BLACK OPAL**  
17.3 mm.  
10.60 cts.  
13774



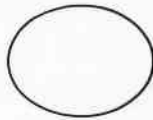
**BLACK OPAL**  
25.2 x 18.0 mm.  
18.70 cts.  
13773



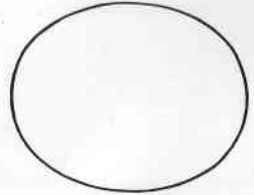
**BLACK OPAL**  
22.8 x 17.4 mm.  
16.65 cts.  
13772



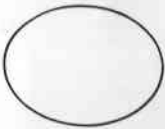
**CHERRY OPAL**  
26.0 x 19.6 x 11.7 mm.  
29.58 cts.  
13785



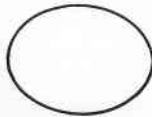
**BLACK OPAL**  
12.4 x 15.9 mm.  
9.75 cts.  
13754



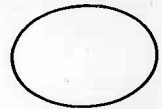
**IRIS OPAL**  
28.6 x 23.5 x 15.5 mm.  
41.84 cts.  
13729



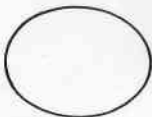
**LAPIS LAZULI**  
15 x 20 mm.  
18.64 cts.  
13743



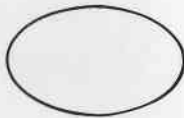
**SODALITE**  
13 x 18 mm.  
8.69 cts.  
13744



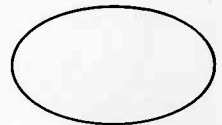
**BLOODSTONE**  
13 x 18 mm.  
11.27 cts.  
13741



**MALACHITE**  
13 x 18 mm.  
13.87 cts.  
13742



**CHRYSOPRASE**  
14 x 20 mm.  
15.44 cts.  
13767



**BLACK NEPHRITE**  
15 x 25 mm.  
19.09 cts.  
13713





**ORTHOCLASE  
MOONSTONE**

17.0 x 10.4 x 8.8 mm.  
11.63 cts.  
13723



**BLUE TOURMALINE  
CAT'S-EYE**

16.6 x 11.8 x 9.1 mm.  
13.44 cts.  
13846



**CAT'S-EYE  
MOONSTONE**

18.0 x 9.7 mm.  
22.10 cts.  
13775



**YELLOW CAT'S-EYE  
ORTHOCLASE**

12.5 x 6.9 mm.  
7.98 cts.  
13786



**RED TOURMALINE  
CAT'S-EYE**

9.6 x 11.0 x 6.4 mm.  
5.32 cts.  
13847



**CHRYSOBERYL  
CAT'S-EYE**

11.4 x 8.4 mm.  
9.57 cts.  
13798



**PURPLE TOURMALINE  
CAT'S-EYE**

12.5 x 9.7 x 5.9 mm.  
5.90 cts.  
13848



**BLUE STAR  
SAPPHIRE**

15.8 x 12.0 x 12.9 mm.  
24.98 cts.  
13813



**STAR RUBY**

14.8 x 11.9 x 10.0 mm.  
18.29 cts.  
13815



**STAR DIOPSIDE**

15.5 x 13.3 x 9.9 mm.  
17.25 cts.  
13730



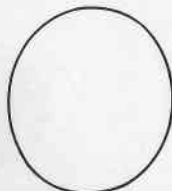
**STAR ALMANDINE  
GARNET**

18.5 x 15.0 x 14.4 mm.  
39.63 cts.  
13827



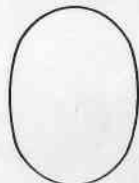
**YELLOW  
MOONSTONE**

20.5 x 12.3 x 11.7 mm.  
21.90 cts.  
13770



**BLACK  
MOONSTONE**

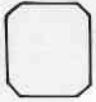
23.3 x 20.0 x 16.6 mm.  
57.09 cts.  
13787



**GREEN BERYL  
CAT'S-EYE**

22.7 x 15.6 x 13.5 mm.  
34.11 cts.  
13797





**KASHMIR BLUE  
SAPPHIRE**  
10.5 x 9.0 x 6.7 mm.  
6.70 cts.  
16796



**SIAM RUBY**  
9.3 x 9.2 x 5.0 mm.  
3.85 cts.  
13814



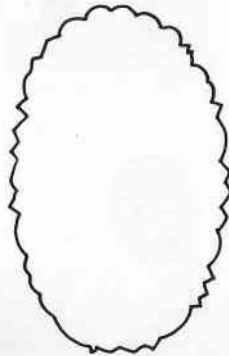
**MUZO EMERALD**  
11.8 x 9.8 x 6.4 mm.  
5.45 cts.  
16792



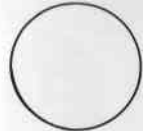
**ALEXANDRITE  
CHRYSOBERYL**  
12.4 x 10.0 x 6.5 mm.  
8.07 cts.  
13799



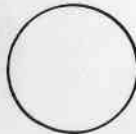
**IOLITE**  
16.3 x 11.8 mm.  
13.54 cts.  
13788



**CARVED  
JADEITE**  
43.3 x 21.9 x 3.2 mm.  
25.11 cts.  
16814

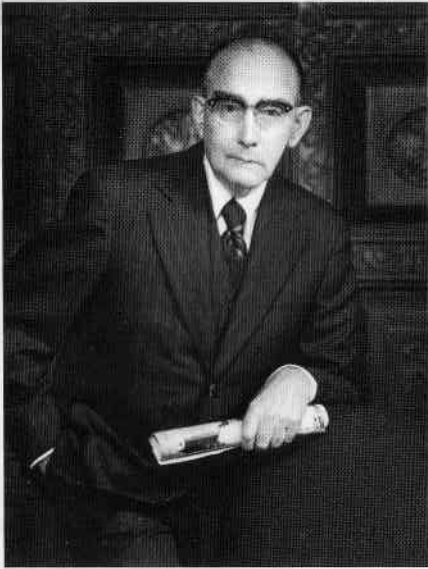


**STAR EMERALD**  
13.6 x 8.4 mm.  
11.19 cts.  
15533



**RED SPHALERITE**  
16.0 x 10.3 mm.  
20.23 cts.  
13810





## THE HIXON COLLECTION

Mr. F. C. Hixon of San Antonio, Texas, has completed the gift of his important gemstone collection to the Natural History Museum of Los Angeles County. Known as the Hixon Collection, it consists of over two hundred faceted or polished gems and minerals and several outstanding gem crystals. Valued at over \$1,000,000.00, the collection is unique in its dual purpose. First, the viewing public will better appreciate the incredible beauties of nature found in gems. Second, and of interest to jewelers and gemologists, is the dedication of this collection as a research vehicle for the gem and jewelry industries.

The museum will display the collection in an area to include a complete gem lab. The Gemological Institute of America will conduct advanced classes in colored gem identification and colored gem evaluation using the Hixon Collection and the total museum inventory as study specimens.

I had known Mr. Hixon for a number of years when the idea of a gem collection came to him during the spring of 1970. An ardent and noted sportsman, Hixon directs the affairs of a far flung investment company. His expertise and success as a capitalist have made him a legend in the business

community. His interest in the rare and unusual have resulted in significant collections of coins, stamps, art and art objects, guns and knives. His philanthropies have included major gifts to numerous medical, educational and historic organizations and charities. His contributions to the San Antonio Zoological Society and to the preservation of wildlife have been nationally recognized.

A team of world renowned gemologists, collectors and dealers were organized to help gather and select specimens. By April, 1970, we had begun to examine gem specimens. Mr. Hixon started to study gemology, and, in a few weeks, had read most of my library of technical material.

A decision was made to obtain an outstanding example of each color and variety of a gem mineral species. The size should be large enough for ease of viewing on museum display. Color and clarity were to be the best available and cutting proper for each particular material collected.

Mr. Hixon's first acquisitions were two lovely Sapphires—one reddish-orange which we called "watermelon" and the other, orchid. By June, 1970, we had a number of items submitted for selection. Mr. Hixon had built a complete gem lab at his home in order to study the stones.

During the summer of 1971, Mr. Hixon, a native of Los Angeles, met Dr. Giles Mead, Los Angeles County Museum Director and Mr. Douglas Macdonald, Museum Trustee. They wanted to have the collection for their proposed Hall of Gems and Minerals and agreed to plan the display area to include a laboratory for GIA use. Towards this end, Mr. Hixon donated this magnificent collection which will be available for public viewing in the spring of 1978.

In the years that I collected for Mr. Hixon, I visited most of the important gem collections in the world. I believe Mr. Hixon accomplished his purpose. This collection is unique and outstanding when the size and quality of the gems are considered. Future plans include the exhibition of the collection in Europe, Asia and other American cities. Hopefully, museums abroad will send their historic gem and jewelry collections to the United States in exchange.

—Ben R. Hammond, Jr., Gemologist

## Hixon Collection . . . . continued from front flyleaf

the beauty of many of the stones in the Collection. Gemstones have to be seen in the "flesh," as it were, to really appreciate their beauty. The Collection will be exhibited for public viewing for the first time in the early Spring of 1978 at the Natural History Museum of Los Angeles County.

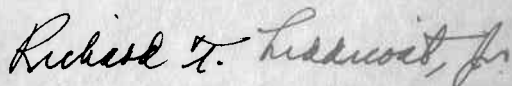
Almost any one of the stones is likely to be regarded as a distinct favorite by many viewers of the Collection, but some are truly outstanding by any measure. I believe my favorite stone in the Collection is what was described as a "wine" sapphire. It is a deep, red-purple stone of surpassing beauty, and since it is a favorite color of mine, it struck me immediately when first looking over the sapphires. But there are so many other truly magnificent stones in the Collection that if forced to choose a favorite, one is torn in many directions.

The first stone chosen for the Collection by Mr. Hixon was an orange-red sapphire that was sold as a "tangerine" sapphire, because of the obvious resemblance in color. The padparadscha is a very nice example of that variety of corundum, and the Kashmir sapphire is also a very lovely stone. The blue spinels are more vivid in color and more attractive than most natural stones. Many of the unusual stones are exceptional specimens.

In its present situation, there are a few missing varieties that could be added to make the Collection even more complete. One would be a red beryl, which is of course exceedingly rare, and two, a translucent rich green jadeite of imperial quality, and third, a Burma ruby. In spite of this, I can think of no collection that is of relatively comparable size in its stones, and which has as complete a spectrum in the major stones as this one.

In the color pages that follow, only about 185 of the more than 200 stones are illustrated.

In my opinion, the Hixon Collection is going to be a fine working collection, and one that will be used to great advantage by jewelers, gemological students and the public as well.



Richard T. Liddicoat, Jr. President  
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