

# MINERALS AND MINING

THE EL DORADO COUNTY FAIR EXTENDS ITS APPRECIATION TO THE EL DORADO COUNTY MINERAL & GEM SOCIETY  
Chairs: Bob Adams & Gary Bilyeu FOR THE SUPERVISION AND COORDINATION OF THE MINERALS & MINING DEPARTMENT

## For Adult, Teen & Youth Entries

Forms Due By:	Thurs.	May 24	4 pm
Entries Received: *Organ Room	Wed.	June 13	10 am to 6 pm
Judged:	Thurs.	June 14	8 am
Released:	Mon.	June 18	8 am to 6 pm

### RULES

- A. The purpose of the exhibit is to create interest in gems and minerals for collecting and identification lapidary arts and earth sciences.
- B. Any individual or organization may enter displays. There is no age limit.
- C. In the Mineral Specimens Division, specimens entered may be from any source, but the judge shall show preference for California minerals. In all Divisions, the judge shall show preference for displays that are most effectively educational, as shown by the information provided by the Exhibitor and the method of presentation. The attractiveness of the display and the variety of material shall also be considered.
- D. Each exhibitor is to include a **Theme Label** in the display giving a description of the Class. **Examples:** Variety of Worldwide Minerals, Self-Collected Minerals, Mounted Gemstones, Lapidary Arts – Slabs (work done by exhibitor), etc. If there is only one specimen the theme label may be incorporated into the descriptive label.
- E. In the Lapidary Arts Division, preference shall be given to work that has been done by Exhibitor. Required labeling is to indicate whether or not work was done by Exhibitor
- F. Exhibitor is to correctly and adequately label specimens:
  - a. Mineral specimens must be labeled as to identification of Name and Variety, and Location in which they were found.
  - b. Fossil specimens must be labeled as to identification of Common Name, Phylum, Class or Subclass, Time Period, and Location in which they were found.
  - c. Petrified wood, wood casting and plant life specimens must be labeled as to identification of Species, Time Period, and Location in which they were found.
- G. All previous first place competitive entries must have at least 20% new material. However, past first place winners may enter same exhibit in a non-competitive class.
- H. **Cases:** Fairgrounds shall provide cases including lights. Exhibitor shall provide case liners and risers. (Liners and risers are recommended to enhance the exhibit). Each entry is limited to one case or one-half case, depending upon material. Display supervisor may assign smaller displays (such as single-specimen mineral, jewelry, lapidary) a portion of a case. Exhibitor shall be contacted regarding case usage.
  - a. Interior dimensions of display cases supplied by Fairgrounds are: 45" wide x 22" deep x 22" high. Interior dimensions of a half case are: 22 ½ wide x 22" deep x 22" high.
  - b. Exhibitor may provide his or her own case(s). This should be noted on application along with exterior

dimension of case(s). The maximum exterior dimensions of a case shall not exceed 48" wide x 24" deep x 24" high.

- I. Exhibitors are not limited as to the numbers of entries; however, they can only receive one cash award per person per class or two cash awards per family per class.
- J. The judging criteria for each entry shall be available in the Fair Office upon request.
- K. The judge shall not award a premium or ribbon where there is insufficient merit.
- L. Judging shall be according to American Federation of Mineralogical Society (AFMS) Uniform Rules as appropriate. These rules are available on the AFMS website ([www.amfed.org](http://www.amfed.org)) or from the El Dorado County Mineral and Gem Society. To the extent AFMS rules do not apply, scoring shall be in accordance with El Dorado County Mineral and Gem Society procedures. Decision of the judge in all matters is final.

**NOTE: Cash award checks WILL NOT be mailed, checks not picked up with entries must be picked up at the fair office during regular fair office hours.**

## ADULT

(over 18 years old)

## COMPETITIVE DIVISIONS

DIVISIONS 370 – 375

**BEST OF SHOW RIBBON  
PARTICIPATION RIBBON  
JUDGE'S CHOICE RIBBON**

ENTRY FEE: \$3 PER ENTRY

**Cash Awards Offered per Class**

1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
\$6	\$4	\$2

### DIVISION 370 – MINERAL SPECIMENS

Refer to Rules C, D, and Fa.

#### CLASS

1. Variety of worldwide minerals (**10 to 25 specimens**)
2. Single variety minerals (such as all quartz, all calcite) (**5 to 25 specimens**)
3. Single fluorescent minerals (Labeled with fluorescent response/color) (**1 specimen for competitive purposes**). A Shared fluorescent case will be supplied.
4. Self-collected minerals (**5 to 25 specimens**)
5. One worldwide mineral (**1 specimen**)
6. Variety of California minerals (**10 to 25 specimens**)

### DIVISION 371 – JEWELRY (also see Division 375)

Refer to Entry Rules C and D

#### CLASS

1. Handmade Jewelry--metalwork (no mounted stones). All work to have been done by Exhibitor. (3 to 7 pieces)
2. Mounted gemstones--faceting or cabochon work. All work including metal work/settings to have been done by Exhibitor. **(3 to 7 pieces)**
3. Mounted gemstones -- faceting or cabochon work to have been done by Exhibitor. Commercial settings to be used. **(3 to 7 pieces)**
4. Specialty Techniques – wire wrap, filigree, channel work, casting, enameling. All work to have been done by Exhibitor. **(3 to 7 pieces)**.

#### DIVISION 372 – LAPIDARY ARTS AND GEMSTONES

Refer to Entry Rules C, D, and E

##### CLASS

1. Rough & finished examples from a variety of materials, **(5 to 10 specimens, each specimen rough & finished)**.
2. Cabochon style natural gemstones (not synthetic); **(5 to 10 specimens)**. Cut from the same variety of materials (all jade, all agate, etc.), unmounted.
3. Cabochon Style Natural Gemstones (not synthetic); must consist of **(5 to 10 specimens)** cut from a variety of materials, mounted or unmounted.
4. Specialty--This class includes all lapidary workmanship not specifically included elsewhere; for example: ashtrays, cubes, lamps, clocks, bookends, spheres. **(Limit: 2 pair or 4 pieces)**
5. Lapidary Arts. Nodules and/or geode halves (pairs or singles) with polished surface. **(10 to 20 specimens)**
6. Lapidary Arts – Slabs or wedges with polished flat surfaces **(5 to 15 specimens)**
7. Transparencies – Thinly sliced and polished flat translucent or transparent lapidary material. May be lighted from the rear by mirrors or lights if need to display material to its best effect **(5 to 15 specimens)**
8. Display of Faceted Gemstones. **(5 specimens)**

#### DIVISION 373 – NOVICE: LAPIDARY ARTS & GEMSTONES FOR BEGINNERS ONLY; Refer to Entry Rules C, and D

##### CLASS

1. Belt buckle. Work on gemstone to have been done by Exhibitor. **(1 piece)**
2. Bola, pendant, ring, pin, earring, etc. Work on gemstone to have been done by Exhibitor. **(1 piece/set)**

#### DIVISION 374 – EDUCATIONAL

Refer to Entry Rules C, D, Fb, and Fc

##### CLASS

1. Educational display relating to mineralogy, geology, mining history, lapidary arts, or other earth science subject. All display work to have been done by exhibitor.
2. Any variety of worldwide fossil specimens. **(3 to 10 specimens)**
3. Any variety of worldwide petrified wood, wood casting and plant life specimens. **(3 to 10 specimens)**.

#### DIVISION 375 – JEWELRY, PROFESSIONAL: Exhibitor teaches or sells

(Refer to Entry Rules C and D.)

##### CLASS

1. Handmade jewelry – metal work (no mounted stones). All work to have been done by exhibitor. **(3 to 7 pieces)**
2. Mounted gemstones – faceting or cabochon work. All work including metal work/settings to have been done by Exhibitor. **(3 to 7 pieces)**

3. Mounted gemstones – faceting or cabochon work to have been done by exhibitor. Commercial settings to be used. **(3 to 7 pieces)**
4. Specialty techniques – wire wrap, filigree, channel work, casting, enameling. All work to have been done by exhibitor. **(3 to 7 pieces)**

## NON-COMPETITIVE DIVISION

NO CASH AWARDS  
PARTICIPATION RIBBONS ONLY  
ENTRY FEE: \$1 PER ENTRY

#### DIVISION 376 – DISPLAY

##### CLASS

1. Any Mineral, Jewelry, or Lapidary Display.
2. Sea shells
3. Commercial mining and mineralogy

**NOTE:** *Non-competitive exhibits can be anonymously displayed upon request.*

## TEEN

(ages 14 through 18)

DIVISIONS 377 – 379

**BEST OF SHOW RIBBON  
PARTICIPATION RIBBON  
JUDGE'S CHOICE RIBBON**

NO ENTRY FEE  
NO CASH AWARDS – RIBBONS ONLY

#### DIVISION 377 – MINERAL SPECIMENS

Refer to Rules C, D, and Fa.

##### CLASS

1. Variety of worldwide minerals **(10 to 25 specimens)**
2. Single variety minerals (such as all quartz, all calcite) **(5 to 25 specimens)**
3. Single fluorescent minerals (Labeled with florescent response/color) **(1 specimen for competitive purposes)**. A Shared fluorescent case will be supplied.
4. Self-collected minerals **(5 to 25 specimens)**
5. One worldwide mineral **(1 specimen)**
6. Variety of California minerals **(10 to 25 specimens)**

#### DIVISION 378 – JEWELRY (also see Division 381)

Refer to Entry Rules C and D

##### CLASS

1. Handmade Jewelry--metalwork (no mounted stones). All work to have been done by Exhibitor. (3 to 7 pieces)
2. Mounted gemstones--faceting or cabochon work. All work including metal work/settings to have been done by Exhibitor. **(3 to 7 pieces)**
3. Mounted gemstones -- faceting or cabochon work to have been done by Exhibitor. Commercial settings to be used. **(3 to 7 pieces)**
4. Specialty Techniques – wire wrap, filigree, channel work, casting, enameling. All work to have been done by Exhibitor. **(3 to 7 pieces)**.

## DIVISION 379 – LAPIDARY ARTS AND GEMSTONES

Refer to Entry Rules C, D, and E

### CLASS

1. Rough & finished examples from a variety of materials, **(5 to 10 specimens, each specimen rough & finished)**.
2. Cabochon style natural gemstones (not synthetic); **(5 to 10 specimens)**. Cut from the same variety of materials (all jade, all agate, etc.), unmounted.
3. Cabochon Style Natural Gemstones (not synthetic); must consist of **(5 to 10 specimens)** cut from a variety of materials, mounted or unmounted.
4. Specialty--This class includes all lapidary workmanship not specifically included elsewhere; for example: ashtrays, cubes, lamps, clocks, bookends, spheres. **(Limit: 2 pair or 4 pieces)**
5. Lapidary Arts. Nodules and/or geode halves (pairs or singles) with polished surface. **(10 to 20 specimens)**
6. Lapidary Arts – Slabs or wedges with polished flat surfaces **(5 to 15 specimens)**
7. Transparencies – Thinly sliced and polished flat translucent or transparent lapidary material. May be lighted from the rear by mirrors or lights if need to display material to its best effect **(5 to 15 specimens)**
8. Display of Faceted Gemstones. **(5 specimens)**

## COMPETITIVE DIVISIONS

### DIVISION 380 – NOVICE: LAPIDARY ARTS & GEMSTONES FOR BEGINNERS ONLY; Refer to Entry Rules C, and D

#### CLASS

1. Belt buckle. Work on gemstone to have been done by Exhibitor. **(1 piece)**
2. Bola, pendant, ring, pin, earring, etc. Work on gemstone to have been done by Exhibitor. **(1 piece/set)**

### DIVISION 381 – EDUCATIONAL

Refer to Entry Rules C, D, Fb, and Fc

#### CLASS

4. Educational display relating to mineralogy, geology, mining history, lapidary arts, or other earth science subject. All display work to have been done by exhibitor.
5. Any variety of worldwide fossil specimens. **(3 to 10 specimens)**
6. Any variety of worldwide petrified wood, wood casting and plant life specimens. **(3 to 10 specimens)**.

**DIVISION 382 – JEWELRY, PROFESSIONAL:** Exhibitor teaches or sells  
(Refer to Entry Rules C and D.)

#### CLASS

5. Handmade jewelry – metal work (no mounted stones). All work to have been done by exhibitor. **(3 to 7 pieces)**
6. Mounted gemstones – faceting or cabochon work. All work including metal work/settings to have been done by Exhibitor. **(3 to 7 pieces)**
7. Mounted gemstones – faceting or cabochon work to have been done by exhibitor. Commercial settings to be used. **(3 to 7 pieces)**
8. Specialty techniques – wire wrap, filigree, channel work, casting, enameling. All work to have been done by exhibitor. **(3 to 7 pieces)**

# YOUTH

(ages 13 and under)

NO ENTRY FEE  
DIVISIONS 383 – 384

**BEST OF SHOW RIBBON**

**NO CASH AWARDS – RIBBONS ONLY**

### DIVISION 383 – MINERAL SPECIMENS

Refer to Rules C, D and Fa

#### CLASS

1. Variety of worldwide minerals (10 to 25 specimens)
2. Single variety minerals, such as quartz, all calcite (5 to 25 specimens)
3. Single fluorescent mineral labeled with fluorescent response/color (1 specimen). A shared fluorescent case will be supplied.  
Note: El Dorado County Mineral and Gem Society shall provide a shared fluorescent display case.
4. Self-collected minerals. Specimens found by exhibitor. (5 to 25 specimens)
5. One worldwide mineral (limit 1 specimen)
6. Variety of California minerals (10 to 25 specimens)

### DIVISION 384 – EDUCATIONAL

Refer to Rules C, D, Fb and Fc

#### CLASS

7. Mineral-related display showing uses: Mineralogy, geology, mining history, etc. All work to have been done by exhibitor.
8. Any variety of worldwide fossil specimens (3 to 10 specimens)
9. Any variety of worldwide petrified wood, wood casting and plant life specimens (3 to 10 specimens)

## NON-COMPETITIVE DIVISION

NO CASH AWARDS  
PARTICIPATION RIBBONS ONLY  
NO ENTRY FEE

### DIVISION 385 – DISPLAY

#### CLASS

1. Teen: Any Mineral, Jewelry, or Lapidary Display.
2. Teen: Sea shells
3. Teen: Commercial mining and mineralogy
4. Youth: Any Mineral, Jewelry, or Lapidary Display.
5. Youth: Sea Shells
6. Youth: Commercial Mining and mineralogy

**NOTE:** *Non-competitive exhibits can be anonymously displayed upon request.*