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*American Federation  
of  
Mineralogical Societies*



**AFMS Uniform Rules**  
8th Edition

**2009 Updates**

AFMS Publications Committee  
B. Jay Bowman, Chair

## PREFACE

One of the pleasures of our hobby is sharing what we have and what we know. Displaying our collections and craftsmanship has been one of the ways we do this. Competitive exhibiting at Gem and Mineral Shows is a natural result of these displays. As we have attempted to improve our shows, we have seen competitive exhibiting grow into a major contribution.

The first shows had mineral exhibits displayed according to the whim of the exhibitor. The difficulty of judging such exhibits soon proved a need for uniformity. Rules were adopted by each of the Federations based on their own experiences. Since 1961 the Uniform Rules of the American Federation have been in effect. The rules are now on a nation wide basis and as they must cover all aspects of the hobby for the thousands of interested hobbyists, they are comprehensive.

This current revision of the Uniform Rules is the result of the continuing effort on the part of the Regional Federation Uniform Rules Committees and the AFMS Rules Committee to provide uniform conditions under which exhibitors from all Regional Federations may compete.

Each year some pages are changed in the Rulebook. The most important one is the Table of contents which lists all the current pages. It is important to check your Rulebook to make sure yours is current before entering into competition.

The AFMS and Regional Federation Uniform Rules Committees welcome suggestions that may lead to additional improvements in the rules and implementation of these rules. Please submit your suggestions and proposals to your Regional Federation Uniform Rules Committee.

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1-2003

**TABLE OF CONTENTS**

Preface.....1-2003

**SECTION I**

**PART I - General Rules and Definitions.....S-I-P-I-1 thru S-I-P-I-2-2009**  
Exhibitor Defined  
Registration & Certification of Exhibitor & Exhibit  
Acceptance of these Rules  
Rule Changes  
Judge and Exhibitor Consultations  
Regional Classes  
Exhibit Area and Requirements, Labels in English . . . . S-I-P-1-3-2005  
Qualification and Awards . . . . . S-I-P-1-4-1992 thru S-I-P-1-5-1992  
Exhibitor Groups  
Minimum Point Scores  
Optional Award Ribbons  
Lillian Turner Award . . . . . S-I-P-I-6-2007

**PART II - Administration.S-I-P-II-1, S-I-P-II-2-2009 thru S-I-II-5-1992**  
Regional Shows  
Judging of All Competitive Exhibits  
Duties of Regional Rules Committee  
Duties of the Host Society  
Judges and Clerks  
Exhibitors  
Changes and Appeals of the Rules  
Acceptance of these Rules  
Local Shows

**PART III - AFMS Trophy Eligibility....S-I-P-III-1 thru S-I-P-III-2-2009**

**PART IV-Application & Exhibit Area.S-I-P-IV-1-2009 thru S-I-P-IV-2-2003**

**PART V- Judging Procedure for AFMS Show. . . . . S-I-P-V-1-1992**  
Arbitration Judges . . . . . S-I-P-V-2-2009

**PART VI - AFMS Rules Revisions.....S-I-P-VI-1-2009**

**PART VII - AFMS Trophies 1 to 10 & Requirements.....S-I-P-VII-1-2003**  
AFMS Trophies 11 to 26 .....S-I-P-VII-2-2004  
AFMS Trophies 27 to 41 .....S-I-P-VII-3-2003

## SECTION II

Division Information . . . . .	S-II-1-2003
Judging Points for all Divisions. . . . .	S-II-2-2005
<b>Division A - Open Rules.</b> . . . . .	A-1-2003
Judging Points And Classes A-1 thru A-6. . . . .	A-2-2005
Classes A-7 thru A-9 . . . . .	A-3-2003
<b>Division B - Minerals</b>	
Rules - Labeling . . . . .	B-1-2009 & B-2-2001
Rules - Other . . . . .	B-3-2002 & B-4-2002
References. . . . .	B-5-2001
Size - Measured in terms of a Cube. . . . .	B-5-2001
Judging Points - Division B . . . . .	B-6-2005
Subdivision BU - Rules and Judging Points . . . . .	B-6-2005
Subdivision BU - Classes BU-1 thru BU-5X. . . . .	B-6-2005
Subdivision BU - Classes BU-6X thru BU-11XY . . . . .	B-7-1992
Subdivision BC - Rules and Judging Points. . . . .	B-8-2005
Subdivision BC - Classes BC-1 thru BC-5X . . . . .	B-8-2005
Subdivision BC - Classes BC-6X thru BC-11XY. . . . .	B-9-1992
Subdivision BS - Rules and Judging Points . . . . .	B-10-2003
Subdivision BS - Classes BS-1 thru BS-5X . . . . .	B-10-2003
Subdivision BS - Classes BS-6X thru BS-11XY . . . . .	B-11-1992
Subdivision BT - Rules and Judging Points. . . . .	B-12-2005
Subdivision BT - Classes BT-1 thru BT-4X . . . . .	B-12-2005
Subdivision BT - Classes BT-5X thru BT-11XY . . . . .	B-13-1992
Subdivision BM - Rules and Judging Points. . . . .	B-14-2002 & B-15-2005
Subdivision BM - Classes BM-1 thru BM-6X . . . . .	B-15-2005
Subdivision BM - Classes BM-7X thru BM-11XY. . . . .	B-16-1992
Subdivision BF - Rules and Judging Points . . . . .	B-17-2005
Subdivision BF - Classes BF-1 thru BF-5. . . . .	B-17-2005
<b>Division C - Lapidary</b>	
Rules - Variety of Work. . . . .	C-1-2005
Definitions - Bookends and Cabochons. . . . .	C-1-2005
Definitions - Carvings. . . . .	C-2-2004
Definitions - Composite, Contoured Polished Specimens, Doublet, Faceted Stones, Intarsia, Mosaic, Polished Flats, Specialty and Spheres. . . . .	C-3-2002
Definitions - Transparencies and Triplet. . . . .	C-4-2005
Rules - Out-of-Class. . . . .	C-4-2005
Rules - Labeling . . . . .	C-5-1994
Rules - Sawing, Workmanship, Quality of Material. . . . .	C-6-1992
Rules - Showmanship . . . . .	C-7-1992
References. . . . .	C-7-1992
Judging Points Division C. . . . .	C-8-2005
Classes C-1 thru C-4. . . . .	C-8-2005
Subdivision CA - Carvings: Rules. . . . .	C-9-1992
Subdivision CA - Judging Points. . . . .	C-10-2009
Subdivision CA - Classes CA-1 thru CA-11 . . . . .	C-10-2005

Subdivision CC - Cabochons: Rules & Judging Points. . . . .	C-11-2005
Subdivision CC - Classes CC-1 thru CC-3. . . . .	C-11-2005
Subdivision CC - Classes CC-4 thru CC-7. . . . .	C-12-2005
Subdivision CF - Faceted Gemstones: Rules. . . . .	C-13-1995 & C-14-2003
Subdivision CF - Rules, Judging Points & References. . . . .	C-15-2005
Subdivision CF - Classes CF-1 thru CF-3 . . . . .	C-15-2005
Subdivision CF - Classes CF-4 thru CF-5 . . . . .	C-16-2002
Subdivision CW - One Type of Work: Rules, Judging Points, and Classes CW-1 thru CW-12. . . . .	C-17-2009
Subdivision CS-Specialties: Judging points, Class CS-1. . . . .	C-18-2005
<b>Division D - Jewelry &amp; Art Metalcraft: Rules. . . . .</b>	D-1-1992
Rules . . . . .	D-2-2003
Rules and References. . . . .	D-3-2009
Judging Points, Art Metal Classes D-1 thru D-3. . . . .	D-4-2005
Jewelry Classes D-4 thru D-10. . . . .	D-4-2005
Subdivision DST - Specialized Techniques: Rules . . . . .	D-5-2007
Subdivision DST - Rules & References. . . . .	D-6-2004
Subdivision DST-Judging Points & Classes DST-1 - DST-5. . . . .	D-7-2005
<b>Division E - Educational: Rules . . . . .</b>	E-1-1992
Judging Points . . . . .	E-2-2005
Subdivision EGS - Classes EGS-1 thru EGS-5 . . . . .	E-3-1992
Subdivision EGC - Classes EGC-1 thru EGC-5. . . . .	E-3-1992
Subdivision EIS - Classes EIS-1 thru EIS-5 . . . . .	E-4-1992
Subdivision EIC - Classes EIC-1 thru EIC-5 . . . . .	E-4-1992
<b>Division F - Fossils: Rules. . . . .</b>	F-1-1992
Rules. . . . .	F-2-2000
Rules . . . . .	F-3 & F-4-1992
References . . . . .	F-5-1992
Reference List on Case & Judging Points. . . . .	F-6-2005
Classes F-1 thru F-10. . . . .	F-7-2003
Subdivision FT - Thumbnail Fossils: Rules, Judging Points Classes FT-1 and FT-2. . . . .	F-8-2005
Subdivision FM - Micromount Fossils: Rules . . . . .	F-9-1992
Subdivision FM - Judging Points & Classes FM-1 & FM-2. . . . .	F-10-2005
Subdivision FC - Fossils Collected in the Field by the Exhibitor: Rules, Judging Points & Classes FC-1, FC-2. . . . .	F-11-2005
<b>Division G - Petrified Wood: Rules. . . . .</b>	G-1-2000
Rules. . . . .	G-2-2007
Judging Points & Classes G-1 thru G-4. . . . .	G-3-2005
Classes G-5 thru G-9. . . . .	G-4-2008
<b>Division H Scrimshaw - Rules . . . . .</b>	H-1-2007
Judging Points & Classes . . . . .	H-2-2005
<b>Division UV - Fluorescent Minerals: Rules. . . . .</b>	UV-1 & UV-2-1992
References. . . . .	UV-3-1992
Judging Points and Classes. . . . .	UV-4-2005

## SECTION I

### PART I

#### GENERAL RULES AND DEFINITIONS

##### Exhibitor Defined

- 1.0 The term “Exhibitor” as used in these rules shall mean the owner of the materials exhibited (except that an exhibitor who no longer owns the materials may exhibit lapidary, jewelry and art metalcraft where all the work was done by the exhibitor) and further that all lapidary, jewelry, art metalcraft and micromounting work was done by the exhibitor. Also see Section II: Div. C, Rule 9.4 (Lapidary); Div. D, Rule 15.10 and 15.11 (Jewelry); Div. E, Rule 17.9 (Educational).
- 1.1 Competitive exhibitors shall be Societies affiliated with the Regional Federation, members of these societies or individual members of the Regional Federation. When the Regional Federation is host to the American Federation all Societies, Members of Societies, and Individual members of Federations affiliated with the AFMS shall be eligible to compete under the same conditions applying to members of the Host Regional Federation.
- 1.2 Exhibitors of special displays and guests shall not be required to be members and need not follow 1.0 above.
- 1.3 Any or all members of a family living under one roof may compete individually or collectively in any class for which they are eligible.
- 1.4 Any individual contributing to a collective family exhibit is ineligible to enter the same class as an individual exhibitor.
- 1.5 No individual or collective family exhibitor shall compete in more than one of the exhibitor groups in any one class. More than one exhibit may be entered in one class provided the exhibits involve different materials, e.g., Class BU-7X exhibits - one Calcite and the other Celestite; Class CC-2 exhibits - one Agate and the other Rhyolite.
- 1.6 Junior members of a family are eligible to compete in Junior exhibitor groups regardless of the group their parents may enter. **A JUNIOR IS DEFINED AS HAVING REACHED HIS/HER 8<sup>th</sup> BIRTHDAY AND NOT YET REACHED HIS/HER 18<sup>th</sup> BIRTHDAY.**
- 1.7 For Exhibitor Groups and eligibility within them see Section I, Rule 4.4. Any of these Exhibitor Groups may exhibit in any Class of any Division listed in Section II of the Rules.

S-I-P-I-1-1992

## **Registration and Certification of Exhibitor and Exhibit**

**2.0 Application for exhibit space** and registration form of the exhibit shall be made to the Host Society or Regional Federation on an Exhibit Registration Form approved by the Regional Federation. The exhibitor **MUST** furnish all the information requested on the registration form. Once this registration is accepted the Exhibitor Group cannot be changed. The Host Society or Regional Federation will confirm registration of the exhibit.

**2.1 The Exhibit Registration Form** will contain a certification by the Exhibitor of, as may be applicable:

- (a) ownership of the materials exhibited, except that an exhibitor who no longer owns the materials may exhibit lapidary, jewelry and art metalcraft, where the work was done by the exhibitor;
- (b) personal workmanship of the materials being exhibited (subject to the exemptions in Part I, Rule 1.0, and Section II, Rule 17.9(a));
- (c) personal collection in the field of the materials exhibited. The Exhibit Registration Form will also contain a certification signed by an Officer of the Exhibitor's Society (or the Federation Secretary if the Exhibitor does not belong to a club but is an Individual member of a Federation) that the Exhibitor is a member in good standing of such Society or Federation. The exhibitor shall mail the Exhibit Registration Form to the Exhibit Registration Chairman designated by the Regional Federation Rules Committee.

**2.2 Acceptance of These Rules.** The registration of an exhibit shall constitute acceptance of the rules and agreement to comply with them. Refusal to comply with the rules or any unsportsmanlike conduct displayed before, during, or after the show will constitute grounds for disqualification. Said grounds for disqualification shall be presented to the Uniform Rules Chairperson whose decision shall be final and can result in disqualification of the exhibit and revocation of any award given.

**2.3 Rule changes** cannot be made at the time of the show. Objections to the rules are not to be considered justification for complaint. Where an apparent error in evaluation or interpretation has been made, appeal may be made to the Chairperson of the Rules Committee whose decision shall be final. See Arbitration Committee, S-I-P-V-2(2009)

**2.4 A time and place** must be scheduled and announced for exhibitor and judge consultations and/or appeals after the scores have been posted and prior to the awards.

S-I-P-I-2-2009



**2.5 Regional Classes** are those not included in the Uniform Rules that have been added by the Regional Federation to accommodate special types of material and/or exhibitor interests unique to that Regional Federation. Awards given to such classes will not be certified by the AFMS.

**2.6 Divisions** for minerals, fluorescent minerals, lapidary, jewelry and art metalcraft, and fossils expressly designate those Authorized References that are used for the technical aspects of competition. Exhibitors will find other informative and helpful planning aids in other publications of the AFMS Uniform Rules Committee which are available through Regional Federation sources. To the extent of any conflict between the Rules and information taken from these other publications, the Uniform Rules govern.

**2.7** Every Regional or National Show Competition is governed by the latest AFMS Uniform Rules.

### **EXHIBIT AREA AND REQUIREMENTS**

**3.0 Unit area** is defined as a space not to exceed 12 square feet in floor space and 36 inches in height (inside measurement). The use of shelves, back or ends of the case(s) is optional to the exhibitor. See Section II, Page S-II-1-1992.

**3.1** In some instances, a two unit area is permissible but is not mandatory. **A two unit area** may be a single long case or multiple adjacent cases as long as they do not exceed 36" in height and 24 square feet of floor space. See Section II, Page S-II-1-1992

**3.12 Labeling for all exhibits.** In all instances where the rules require labeling the labels shall be in English (U.S. spelling). The exception being in the education division where the subject matter may require the use of some foreign words.

**3.2 Only one entry** may be exhibited in a case in Regional or National Show competition

**3.3 An exhibit identification number,** case location number, class number, and class description will be furnished to the exhibitor to be placed on the exhibit immediately after it is set up and ready for judging.

**3.4 NO Name** identifying the exhibitor or exhibitor group shall be visible on or in a competitive exhibit before all judging has been completed. Failure to comply with this requirement will result in disqualification.

**3.5 All competitive exhibits** must be left in the exact arrangement in which they were judged, except that awards earned at this particular show and/or exhibitor identification may be placed in the case after judging has been completed and the score card placed with the case.

S-I-P-I-3-2005

**3.6 The Exhibitor's copy of the score card** along with the Judges' comments **MUST** remain with the exhibit for the duration of the show. At the exhibitor's request, the exhibitors name will be omitted.

**EXCEPTION:** Exhibitors may remove the comment sheets during consultation with Judges.

**3.7 The time for judging and removal of exhibits** shall be set by the Regional Federation and/or the Host Society. All exhibits must be in place and complete at time of judging. All exhibits must remain in place until closing time unless permission for urgent removal has been obtained from the show chairperson.

**3.8 Exhibitors must stay clear of the judging**, except that at the option of the Host Society for a local show or the Regional Federation for a Regional and/or AFMS Show, the exhibitor may observe the judging of his/her case provided that the exhibitor acts in accordance with the Rules set forth in Section I, Part II of this rule book.

**3.9 Keys to cases** In classes requiring the exhibit to be opened, the exhibitor rather than the Rules Committee, may elect to remove the required items for judging to the judging area and return them to the exhibit after judging is completed. Keys to cases that must be opened must be left with the Rules Chairperson or delegated assistant. The only cases which shall be opened during the judging are those whose rules require such opening. Cases are to be opened in the presence of a security officer.

**3.10 Unless a Class description** calls for a definite limitation in number, the option for number of specimens displayed is that of the exhibitor. (Classes titled in the plural spelling therefore preclude displays of one item/specimen.)

**3.11 Fluorescent Mineral Exhibits.** The Host Society or Federation is encouraged to provide a "Dark Room". This Dark Room should be completely dark when all lights are turned off. Manual controls for white light in the Dark Room shall be available to the judges during judging. Each exhibitor is responsible for the UV lights, white lights, and any moving parts in his case.

#### **QUALIFICATION FOR AWARDS**

**4.0** All award ribbons won at Regional Federation shows governed by the AFMS Uniform Rules and sponsored by Regions which have ratified these rules, will be certified as a mark of national recognition by an authorized AFMS certification imprint on the Regional Federation ribbon. The Exhibitor Group designation shall also appear on the ribbon. Scores, ribbons and trophies awarded at local club shows do not affect Regional or AFMS Eligibility.

S-I-P-I-4-1992

**4.1** To each class of each competitive division and to each of the exhibitor groups competing in those classes there shall be awarded: one first place” (blue) ribbon; one “second place” (red) ribbon; one “third place” (white) ribbon, provided that minimum point scores as listed in Part I, Rule 4.5 have been achieved. Awards will be based upon point score achievement only, not upon the number of exhibits in the class, and it shall not be required that any awards be given in any certain class.

**4.2** Each Regional Federation may decide what trophies, if any, it wishes to award and the eligibility requirements applicable to such trophies.

**4.3** In the interest of more equitable competition, exhibitors are divided into six exhibitor groups. An exhibitor of any age may enter the Novice, Advanced or Master Exhibitor Group. Any exhibitor who is a Junior on the opening day of the show may compete in the Junior Exhibitor Group. See Rule 1.6.

#### **4.4 Exhibitor Groups:**

- A. Novice Exhibitor Group** This is a beginner’s group, therefore, experienced exhibitors are urged to enter higher competition to assure equitable competition for the newcomer. An exhibitor who has been awarded one blue first place ribbon in the Novice Group **MUST** compete in a higher group if he wishes to enter the same class again.
- B. Advanced Exhibitor Group** An exhibitor who has been awarded two blue first place ribbons in Advanced Group **MUST** compete as a Master if he wishes to enter the same class again.
- C. Master Exhibitor Group.**
- D. Junior Exhibitor Group** Juniors who have been awarded a blue first place ribbon **MUST** compete in an adult group if they wish to enter the same class again.
- E. Society Exhibitor Group** All materials and/or workmanship shall be that of the society or of five (5) or more members of said society provided that not more than 20% of the material/workmanship shall be that of any one member.

**Scores achieved by societies exhibits**, are considered only with scores of other exhibiting societies, and are NOT competing with individual exhibitors.

S-I-P-I-5-1992

**F. Junior Society Exhibitor Group** Same as Society Group except that all material/workmanship shall be that of members who are juniors. The exhibitors shall be members of a Junior Society or junior members of a Society.

**Scores achieved by Junior Society exhibits** are considered only with scores of other Junior Society exhibits and are NOT competing with any individual exhibitors or adult societies.

#### **4.5 MINIMUM POINT SCORES:**

Master and Society Exhibitor Groups:

- 1st Level - 90 points
- 2nd Level - 80 points
- 3rd Level - 70 points

Advanced Exhibitor Group:

- 1st Level - 80 points
- 2nd Level - 70 points
- 3rd Level - 60 points

Novice, Junior and Junior Society Exhibitor Groups:

- 1st Level - 70 points
- 2nd Level - 60 points
- 3rd Level - 50 points

#### **4.6 Optional Award Ribbons** At the option of the Regional Federation, ribbons may be awarded as follows:

- (a) Blue ribbons to each exhibitor achieving a first level score.
- (b) Red ribbons to each exhibitor achieving a second level score.
- (c) White ribbons to each exhibitor achieving a third level score.

NOTE: In each class-group combination, the HIGH score first level blue ribbons will be imprinted with the words "FIRST PLACE".

#### **4.7 Lillian Turner Junior Award** Lillian Turner of Bethesda Maryland donated monies to support this award. The Award will be a \$100.00 Series "E" Bond to be presented with a ribbon denoting Outstanding Junior at a ceremony at the annual Awards Banquet.

The AFMS Junior Chairperson in conjunction with the AFMS URC chairperson will select the Outstanding Junior by determining the best competitive Junior exhibit at the AFMS Annual Show. The junior need not to be entered as a Junior but may not have reached their 18<sup>th</sup> birthday at the time of the show. In the event there are no Junior entrees in competition, a Junior case in non-competition shall be chosen by a team of two (2) persons appointed by the Rules Chair.

S-I-P-I-6-2007

**PART II**  
**ADMINISTRATION**

**5.0 REGIONAL SHOW**

The Regional Federation Rules Committee shall be responsible for registration of competitive exhibits, for selection of judges, for the maintenance of regional exhibitor records, and for other administrative procedures defined in the Uniform Rules.

- (a) **JUDGING OF ALL COMPETITIVE EXHIBITS** shall be done by teams of two or more Judges. Judging teams will be assigned so that one team shall judge all entries for any given trophy, unless the number of entries makes this impractical. Mixed classes are exceptions. (Clerks, if desired by the judges, shall be assigned by the Judging Director.) The exhibitor's copy of the score card along with the judges' comments must be completed and placed with the exhibit by the Judging Committee immediately after judging is completed and results tabulated. At the exhibitor's request, the exhibitor's name will be omitted. These cards and/or comment sheets **MUST** remain in place for the duration of the show. **EXCEPTION:** Exhibitors may remove comment sheets during consultation with judges.
- (c) A time and place must be scheduled and announced for exhibitor and judge consultations and/or appeals after the scores have been posted and prior to the awards.

**5.1 DUTIES OF THE REGIONAL RULES COMMITTEE**

Regional Federation Rules Committee members shall be responsible for maintenance of regional exhibitor records used to determine eligibility for AFMS competition and for other related administrative procedures defined in the Uniform Rules.

- (a) The Regional Federation Rules Committee shall designate an **EXHIBIT REGISTRATION CHAIRPERSON** who shall receive all competitive exhibit registrations, check exhibitor eligibility, and maintain the necessary records required in accordance with the Uniform Rules.
- (1) The Exhibit Registration Chairperson must, insofar as possible, arrange competitive exhibits on the show floor in consecutive order by Division and Class, assigning each exhibitor an exhibit identification number.
- (2) The Exhibit Registration Chairperson, assisted by the Competitive Exhibits Liaison Chairperson of the Host Society, shall supervise check-in procedures for all competitive exhibitors.

S-I-P-II-1-1992

(b) A member of the Regional Federation Rules Committee shall be designated as **JUDGING DIRECTOR** and shall appoint all Judges, shall instruct Judges and Clerks; and shall administer judging procedures in accordance with the Uniform Rules. It is mandatory that a Regional Rules Committee Member perform these tasks.

(c) The Chairperson of the Regional Rules Committee shall be the authority on interpretation and application of the Uniform Rules and AFMS certification, and **MUST** adhere to the AFMS Uniform Rules.

Only the **Regional Rules Chairperson** is empowered to disqualify a competitive exhibit in Regional competition.

(1) The Regional Rules Chairperson (or alternate) shall maintain adequate records of regional exhibitors (including masters scoring 90 or above, and Juniors scoring 70 or above) for use in determining regional exhibitor eligibilities for AFMS competition.

(2) Not more than thirty (30) days following each Regional Show, but prior to the next AFMS show, the Regional Rules Chairperson shall send to the person designated by the AFMS Rules Committee the competitive results for **ALL EXHIBITORS**. This record to include name, address, Society affiliation, home Federation, the year of Show, designation whether Regional or AFMS Show, Show location (city & state), Exhibitor Group, score, Class, Regional awards (if any), and Eligibility, if earned, and for which AFMS Trophy by number. This information is necessary in the determination of eligibility for direct AFMS national award competition.

(3) Each Regional Rules Chairperson is responsible for preparation and submission **in writing** of proposed changes in these Uniform Rules to be sent to the AFMS Uniform Rules Committee (URC) Chairperson at least **thirty days** prior to the AFMS URC meeting. Copies of proposed changes shall also be furnished to all other Regional Chairpersons at least three (3) months prior to the AFMS URC meeting.

(4) Each Regional Rules Chairperson is responsible for immediately notifying the AFMS Uniform Rules Chairperson **in writing** of name changes and addresses for the Regional Rules Committee members.

(5) The Regional Rules Chairperson (or alternate) shall furnish the up-to-date Regional Federation Eligibility Records to the person designated Exhibit Registration Chairperson, for use in accepting exhibit registrations and certifying eligibilities.

S-I-P-II-2-2009

- (6) The Rules Committee Chairperson (or alternate) shall keep the keys for the cases that must be opened. Cases are to be opened and closed in the presence of a security officer. A small sign shall be placed in cases from which specimens are removed stating that the specimens have been removed for judging.

## 5.2 DUTIES OF THE HOST SOCIETY

- (a) The Host Society shall appoint a member to serve as Competitive Exhibits Liaison Chairperson to work with the Regional Rules Committee.
- (b) The Host Society must supply the Regional Federation Rules Chairperson (or alternate) with floor plans and data on the space designated for competitive exhibits. Floor plan arrangement of competitive exhibits is to be in accordance with the Uniform Rules insofar as possible considering the physical limitations of the show area.
- (c) The Competitive Exhibits Liaison Chairperson will be responsible for supplying the exhibitor with an exhibit identification number and space number for the exhibit as soon as the exhibitor arrives and prior to the time designated for judging to begin. (The exhibit identification number is determined by the Exhibit Registration Chairperson designated by the Uniform Rules Committee.)
- (d) The exhibitor is responsible for the placement of the exhibit identification number on the case when the exhibit is ready to be judged and prior to the time judging is scheduled to begin.

## 5.3 JUDGES AND CLERKS

- (a) **RESPONSIBILITIES OF JUDGES.** The judge is charged with evaluation of competitive exhibits according to the Uniform Rules. Individual or group comment sheets may be used, but the judges **MUST** sign the comment sheet or sheets/score card for each exhibit judged either individually or jointly. (See AFMS Guidelines for Judges for further information)
- (b) **DUTIES OF THE JUDGES' CLERK.** The Clerk shall serve as a contact between the Judges and the Judging Director; shall keep the judging area clear of unauthorized spectators; shall, if requested, enter the findings of the Judges on the score card or comment sheet; but shall not attempt to influence the Judges in their evaluation of the exhibit.
- (c) **No person** shall act as a Judge or Clerk of a class in which that person or a member of his/her immediate family is an individual exhibitor or a contributor to a Society exhibit.

S-I-P-II-3-1992

#### **5.4 EXHIBITORS**

Exhibitors must stay clear of the judging, except that at the option of the Regional Rules Committee, the Exhibitor may observe the judging of his/her case under the following conditions:

- (a) Any club/society within any Federation using the Uniform Rules for competitive judging may with the consent of the club officers elect to allow the Exhibitor(s) to listen to the judges as they evaluate the display at a local show.
- (b) At a Regional Show clearance must be made with the Regional Rules Committee for this procedure.
- (c) At a combined Regional and AFMS Show, both Regional and AFMS Rules personnel must be consulted and their approval granted.
- (d) Judges and Exhibitors must be made aware well prior to the Show when this option will be used.
- (e) Judges may limit questions by Exhibitors.
- (f) At no time during the judging process may the Exhibitor question any Judge regarding any exhibit except his/her own.
- (g) Final evaluation/tie breaking will be done **WITHOUT** the presence of the concerned Exhibitor(s).
- (h) Judges may recommend disqualification of an Exhibitor for unsportsmanlike conduct.

The prime purpose of this approach is to make the exhibitor aware of the judging process, the reasoning behind evaluation, and to improve the displays. It is recommended that the practice of holding seminars after the judging has been completed be continued.

#### **5.5 CHANGES AND APPEALS OF RULES**

Rule changes cannot be made at the time of the show. Objections to the rules are not to be considered justification for complaint, but where an apparent error in evaluations or interpretations has been made, appeal may be made to the Chairperson of the Rules Committee whose decision shall be final.

S-I-P-II-4-1992



## **5.6 ACCEPTANCE OF THESE RULE**

The registration of an exhibit shall constitute acceptance of the rules and agreement to comply with them. Refusal to comply with the rules or any unsportsmanlike conduct displayed before, during, or after the show will constitute grounds for disqualification. Said grounds for disqualification shall be presented to the Uniform Rules Chairperson whose decision shall be final and can result in disqualification of the exhibit and revocation of any award given.

## **5.7 LOCAL SHOWS**

At local shows when the Uniform Rules are used, the duties of the Federation Rules Committee relating to judging of competitive exhibits shall be the responsibility of the Club/Society Rules Committee and/or Judging Director. If a Regional Rules person is present at a local show, that person should be consulted on interpretation of the Rules if necessary.

S-I-P-II-5-1992

## PART III

### ELIGIBILITY FOR AFMS TROPHY COMPETITION

**6.0** Competitive exhibitors shall be Societies and Members of Societies affiliated with a Regional Federation or an Individual Member of any Regional Federation and must be eligible under the provisions of Rule 6.3 below.

**6.1** An individual shall be defined as one person, of any age, or any combination of the immediate members of a family living under the same roof.

**6.2** Juniors are defined as persons who have earned eligibility in the Junior Exhibitor Group and have reached their 8th birthday but not reached their 18th birthday on the opening day of the show; however, eligibility for 17 year old juniors will remain valid for the next AFMS show.

**6.3** Eligibility for AFMS Trophy competition must have been earned in the class (or the equivalent class) entered in an AFMS affiliated Regional Federation Show using the AFMS Uniform Rules during the twelve (12) years preceding and including the current competition.

- (a) Individual eligibilities must have been earned in Master Group competition with a score of 90 points or above; Juniors in the Junior Group with 70 points or above.
- (b) Society eligibilities must have been earned in Society Group competition with a score of 90 points or above or Junior Society eligibilities must have been earned in Junior Society Group competition with a score of 70 points or above.
- (c) Exhibitors who have earned eligibility for a certain AFMS Trophy prior to the current AFMS Show and competing with an exhibit in the same class in which eligibility was earned **MUST** enter **DIRECTLY** in AFMS Trophy competition and cannot enter that exhibit in regional competition in that show.
- (d) Exhibits earning eligibility in Regional competition at any AFMS National Show will automatically be entered in the AFMS Trophy competition of that Show.
- (e) Eligibility earned in a Regional Federation Show shall remain in effect in the class for which it is earned through the 12th annual AFMS competition thereafter, except for Juniors whose eligibility will continue until their 18th birthday.

S-I-P-III-1-1992

(f) A direct entry in AFMS Trophy competition which earns a score of 90 points or above will constitute requalification in such class and extend AFMS Trophy eligibility through the 12th annual AFMS competition thereafter.

(g) Eligibility earned on the basis of a collective family exhibit applies separately to each individual contributing to such family exhibit.

(h) A collective family exhibit must be entered in AFMS Trophy competition as long as at least one individual contributing to such exhibit has earned eligibility in the same class.

(i) Juniors are eligible to compete for any AFMS Trophy, and Junior Societies for any AFMS Society Trophies.

**6.4** An exhibitor who has earned eligibility for AFMS Trophy competition in one or more classes may enter an exhibit in Regional Federation competition at any AFMS Show provided it is entered in a class in which the exhibitor has not earned AFMS eligibility.

**6.5** All materials and/or workmanship exhibited must be that of the exhibitor. For **EXCEPTIONS:** See Section I: Part I, Rule 1.0; Section II, Div. C, Rule 9.4; Div. D, Rules 15.10 and 15.11; and Div. E, Rule 17.9.

**6.6** Each trophy shall be awarded to the highest scoring exhibit. A minimum point score of 90 shall be required for the award of a trophy except that in the Junior or Junior Society competition the minimum point score shall be 70.

**6.7** The winner of an AFMS Trophy may not compete for the in the same class until the 3rd annual AFMS competition thereafter.

**6.8** Every Regional or National Show Competition is governed by the latest edition of the AFMS Uniform Rules.

S-I-P-III-2-2009

## PART IV

### APPLICATION AND EXHIBIT AREA REQUIREMENTS

**7.0 Application** for exhibit space and registration of the exhibit for **DIRECT ENTRY** into **AFMS Competition** shall be made to the Host Society or Regional Federation hosting the AFMS Competition on a form approved by such Regional Federation. The Exhibitor **MUST** furnish all the information requested on the registration form. E-mail may be accepted, but must have all information as listed on the registration form. Such Exhibit Registration Form must contain:

- (1) a certification by the Exhibitor as to personal ownership, workmanship or collecting as stated in Section I, Part I, Rule 2.1;
- (2) a certification as to membership in good standing signed by an officer of the Exhibitor's society or Federation Secretary, as may be applicable, as also stated in Section I, Part I, Rule 2.1;
- (3) the date and location of the Regional Show at which eligibility was obtained;
- (4) birth date of Junior exhibitors.

The Exhibitor's eligibility for Direct Entry in AFMS competition shall be certified by reference to the AFMS Eligibility Files.

The Host Society or Regional Federation will confirm registration of the exhibit.

**7.1** No Name identifying the exhibitor or exhibitor group shall be visible on or in a competitive exhibit before all judging has been completed. Failure to comply with this requirement will result in disqualification.

**7.2** The exhibitor's copy of the score card along with the judges' comments must be completed and placed with the exhibit by the Judging Committee immediately after judging is completed and results tabulated. At the exhibitor's request the exhibitor's name will be omitted. These cards and/or comment sheets **MUST** remain with the exhibit for the duration of the show.

**EXCEPTION:** Exhibitors may remove comment sheets during consultation with judges.

S-I-P-IV-1-2009

**7.3** Exhibits must be in place and ready for judging at the hour set for the regular Regional Federation judging to begin, and must remain in place until the Show closes.

**7.4** Allowable Exhibit Space. For specific space-unit allowances, refer to Section I, Part I, Rules 3.0, 3.1, 3.2, Section II, page S-II-1-2003 and the specific class in which eligibility was won.

**7.5** Where two unit areas are allowed, they must constitute a single exhibit. The use of two units is not mandatory.

S-I-P-IV-2-2003

## PART V

### JUDGING PROCEDURES FOR AFMS SHOWS

**8.0 The Judging Director** of the Host Regional Federation Rules Committee, with the advice and cooperation of the AFMS Rules Chairperson, shall supervise and instruct an adequate number of clerks and three-member Judging Teams. One Team shall judge all entries for one trophy, unless the number of entries makes this impractical.

- (a) The Judging Team for Educational exhibits shall be composed of at least 3 Judges who are capable of judging any materials which may be used in the exhibits.
- (b) At Regional Federation Shows when the AFMS competition is being hosted, the regional entries earning eligibility shall be rejudged by the team judging direct entries for any given AFMS trophy.
- (c) A time and place must be scheduled and announced for exhibitor and judge consultations and or appeals after the scores have been posted and prior to the awards.

**8.1 The Host Regional Federation URC** will appoint the members of the Judging Teams, with special attention to the qualifications of each member selected for the type of exhibit to be judged. Clerks for each Judging Team also may be appointed by the Host Federation.

**8.2 The Competitive Exhibits Registration Chairperson** of the show hosting the combined Regional and National Show and the Regional Uniform Rules Chairpersons are responsible for the registration and documentation of all competitive exhibits. Floor plan or case positioning can be done by a subcommittee but are considered the duties of the Host Registration Chairperson who is providing liaison between the Regional and AFMS rules persons and the Host Show Committee. The Competitive Exhibits Chairperson shall provide assistance to the Regional and AFMS Rules Committee members.

**8.3 The Exhibit Registration Chairperson** shall group all exhibits in direct AFMS competition apart from Regional displays; floor arrangements shall follow the specific division and class groupings that are competing for each trophy.

**8.4 No person** who is competing or who has any member of his immediate family competing or is a member of a society competing for an AFMS Trophy may serve as a Judge or Clerk for classes competing for that trophy.

S-I-P-V-1-1992

**8.5 Judges shall** be furnished with score cards and/or comment sheets upon which must be entered correctly the score points awarded and comments for each exhibit. The score cards and/or comment sheets must be signed by the Judges for each exhibit.

**8.6 Score points** from the score cards and/or comment sheets used by the Judges shall be entered on the Exhibitor's identification/score card by persons appointed by the Rules Chairperson.

**8.7 The exhibitor's** copy of the score card along with the judges' comments must be completed and placed with the exhibit by the Judging Committee immediately after judging is completed and results tabulated. At the exhibitor's request, the exhibitor's name will be omitted. These cards and/or comment sheets **MUST** remain in place for the duration of the show. **EXCEPTION:** Exhibitors may remove comment sheets during consultation with judges.

**8.8 Arbitration Committee,** The second member, or the acting alternate, of the AFMS URC committee shall select five judges from those present, or who will be present, at the AFMS convention. These names will be given to the AFMS president, or acting alternate, who will then pick three of these judges to comprise a team of supervising judges. The duty of these judges is to be the final arbiter of any disagreement between the judges and exhibitors that the URC chair could not resolve to the satisfaction of all parties. They will also resolve disagreements about the interpretation of the rules between the URC chair and the judges. Their ruling is Final

**8.9 Registration of an exhibit** in AFMS Trophy competition shall constitute acceptance of all parts of these Rules the provisions of which are not subject to change at the time of the Show. Any attempt to influence the decisions of the Judges or any unsportsmanlike conduct, before, during, or after the Show may, upon recommendation by the AFMS Rules Committee, result in the cancellation of any Trophy awarded, the suspension of the eligibility of the offending person for a specified period, and/or other penalty decided by the AFMS Board and as directed by the AFMS President.

S-I-P-V-2-2009

**PART VI**

**RULES GOVERNING THE AWARDS OF  
AMERICAN FEDERATION NATIONAL  
TROPHIES**

These Rules are subject to revision and/or adjustment by a two-thirds majority vote of the Regional Rules Committees and the AFMS Uniform Rules Committee. All changes submitted to the AFMS Uniform Rules Committee shall be voted on at the annual meeting of the Regional Federation Rules representatives and the AFMS URC. Comments and suggestions from all Federation Rules Committees are always welcomed.

**AMERICAN FEDERATION RULES COMMITTEE**

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S-I-P-VI-1-2009



## PART VII

### AFMS NATIONAL TROPHY AWARDS AND REQUIREMENTS

**9.0 Exhibits** shall conform to the requirements and rules set forth in the Uniform Rules for each class eligible for a Trophy.

**9.1 Judging Criteria and Authorities** shall be the same as stated in the Uniform Rules.

**9.2 Each AFMS Trophy** may be awarded to Individuals; (Master Group); Societies; Juniors; or Junior Societies. Trophies awarded to Societies, Juniors, or Junior Societies shall be designated as such on the Trophy. The same trophy may be awarded to more than one Group at a show; therefore no group will compete with any other Group for the same trophy. Example: Trophy 2 MINERALS, and, Trophy 2 MINERALS, Junior may be awarded at the same show.

**9.3 THE AFMS NATIONAL TROPHY AWARDS**, and their requirements, SHALL BE:

**TROPHY 1. OPEN DIVISION** Given for exhibits from Uniform Rules Classes A-1 through A-9.

**TROPHY 2. MINERALS** Given for exhibits from Uniform Rules Class BU-1.

**TROPHY 3. RESTRICTED MINERALS I** Given for exhibits from Uniform Rules Classes BU-2X through BU-11XY.

**TROPHY 4. CABINET MINERALS** Given for exhibits from Uniform Rules Class BC-1.

**TROPHY 5. RESTRICTED MINERALS II** Given for exhibits from Uniform Rules Classes BC-2X through BC-11XY.

**TROPHY 6. MINIATURE MINERALS** Given for exhibits from Uniform Rules Class BS-1.

**TROPHY 7. RESTRICTED MINERALS III** Given for exhibits from Uniform Rules Classes BS-2X through BS-11XY.

**TROPHY 8. THUMBNAIL MINERALS** Given for exhibits from Uniform Rules Class BT-1.

**TROPHY 9. RESTRICTED MINERALS IV** Given for exhibits from Uniform Rules Classes BT-2X through BT-11XY.

**TROPHY 10. MICROMOUNT MINERALS** Given for exhibits from Uniform Rules Class BM-1.

S-I-P-VII-1-2003

**TROPHY 11. RESTRICTED MINERALS V** Given for exhibits from Uniform Rules Classes BM-2X through BM-11XY.

**TROPHY 12. PERSONALLY COLLECTED MINERALS** Given for exhibits from Uniform Rules Classes BF-1 through BF-5.

**TROPHY 13. PETRIFIED WOOD AND/OR WOOD CASTS IV** Given for exhibits from Uniform Rules Class G-8, and G-10

**TROPHY 14. CABOCHONS III** Given for exhibits from Uniform Rules Class CC-7.

**TROPHY 15. LAPIDARY** Given for exhibits from Uniform Rules Classes C-1 through C-4.

**TROPHY 16. CARVINGS I** Given for exhibits from Uniform Rules Classes CA-1 and CA-6.

**TROPHY 17. CABOCHONS I** Given for exhibits from Uniform Rules Classes CC-1, CC-3, CC-4, and CC-5.

**TROPHY 18. CABOCHONS II** Given for exhibits from Uniform Rules Classes CC-2 and CC-6.

**TROPHY 19. FACETED GEMSTONES I** Given for exhibits from Uniform Rules Classes CF-1, CF-2, and CF-3.

**TROPHY 20. FACETED GEMSTONES II** Given for exhibits from Uniform Rules Classes CF-4, and CF-5.

**TROPHY 21. SPECIALIZED LAPIDARY I** Given for exhibits from Uniform Rules Classes CW-1 through CW-5, CW-9, CW-10, CW-12, and CS-1.

**TROPHY 22. PETRIFIED WOOD AND/OR WOOD CASTS II** Given for exhibits from Uniform Rules Classes G-3 and G-4.

**TROPHY 23. PETRIFIED WOOD AND/OR WOOD CASTS III** Given for exhibits from Uniform Rules Classes G-6, G-7 and G-9.

**TROPHY 24. ART METALCRAFT** Given for exhibits from Uniform Rules Classes D-1 through D-3.

**TROPHY 25. SPECIALIZED TECHNIQUES** Given for exhibits from Uniform Rules Classes DST-1 through DST-6.

**TROPHY 26. JEWELRY** Given for exhibits from Uniform Rules Classes D-4 through D-10.

S-I-P-VII-2-2004

**TROPHY 27. EDUCATIONAL I** Given for exhibits from Uniform Rules Classes EGS-1 through EGS-5.

**TROPHY 28. EDUCATIONAL II** Given for exhibits from Uniform Rules Classes EGC-1 through EGC-5.

**TROPHY 29. EDUCATIONAL III** Given for exhibits from Uniform Rules Classes EIS-1 through EIS-5.

**TROPHY 30. EDUCATIONAL IV** Given for exhibits from Uniform Rules Classes EIC-1 through EIC-5.

**TROPHY 31. SPECIALIZED LAPIDARY II** Given for exhibits from Uniform Rules Classes CW-6 through CW-8 and CW-11.

**TROPHY 32. FOSSILS** Given for exhibits from Uniform Rules Classes F-1 through F-10.

**TROPHY 33. THUMBNAIL FOSSILS** Given for exhibits from Uniform Rules Classes FT-1 and FT-2.

**TROPHY 34. MICROMOUNT FOSSILS** Given for exhibits from Uniform Rules Classes FM-1 and FM-2.

**TROPHY 35. PERSONALLY COLLECTED FOSSILS** Given for exhibits from Uniform Rules Classes FC-1 and FC-2.

**TROPHY 36. SCRIMSHAW** Given for exhibits from Uniform Rules Classes H-1 and H-3

**TROPHY 37.** Unassigned

**TROPHY 38. PETRIFIED WOOD AND/OR WOOD CASTS I** Given for exhibits from Uniform Rules Classes G-1, G-2 and G-5.

**TROPHY 39. FLUORESCENT MINERALS** Given for exhibits from Uniform Rules Classes UV-1 through UV-6.

**TROPHY 40. CARVINGS II** Given for exhibits from Uniform Rules Classes CA-2 and CA-7.

**TROPHY 41. CARVINGS III** Given for exhibits from Uniform Rules Classes CA-3, CA-4, CA-5, CA-8, CA-9, CA-10, and CA-11.

S-I-P-VII-3-2003

## SECTION II

### DIVISION INFORMATION

- (a) **Division Rules** Specific rules for each Division are listed in each Division.
- (b) **Letters** in parentheses following the class description indicate the judging point categories used for the class.
- (c) **Numbers** in parentheses following class description indicate the number of display unit areas allowed for the class.
- (d) **The third item** in parenthesis represents the AFMS Trophy that Class is competing for.
- (e) **Abbreviations for Judging Points are:**

L - Labeling;  
S - Showmanship;  
Q - Quality;  
R - Rarity;  
SP - Specimen Preparation;  
O - Orientation;  
VW - Variety of Work;  
W - Workmanship;

D - Design;  
VM - Variety of Material;  
RL - Reference List;  
EV - Educational Value;  
SF - Special Features;  
D/VW - Difficulty/Variety of Work;  
O/A - Originality of Approach and/or Material;

S-II-1-2003

Cat	L	S	Q	R	SP	O	VW	W	D	VM	RL	EV	SF	D/ VW	O/A
A	15	15	70												
B	15	10	55		20										
C	5	15	15					65							
D	5	15	25				10	45							
E	5	15	40					40							
F	5	15	25					55							
G		15	25					60							
H	15	15	10				15	35	10						
I	5	15	35					35		10					
J	15	2.5										50			10
K	30	10	30	5						20	5				
L	25	10	25	5	15					15	5				
M	10	5	55			5		25							
N	30	5	20	5		5		10		20	5				
O	5	15	25			10		40		5					
P	10	15	45							30					
Q	5	10	10					65		10					
R	20	15	25									40			
S	15	15					15	45	10						
T	5	10	5					60		10				10	
V	5	10	10					65						10	
W	5	10						70		5				10	
X	5	15	20					50	10						
Y	5	15	10				10	45	15						
Z	5	15	25				10	55	15						
AA	5	15					10	45							
BB	5	10	10					65	10						
CC	10	10						60	10					10	

JUDGING POINTS FOR ALL DIVISIONS

S-II-2-2005

## 1.0 DIVISION A OPEN

Please read all of Section I.

### RULES FOR DIVISION A

**Rule 1.1 Eligibility** This Division is only for mixed exhibits, exhibits of exceptional materials which by their nature cannot be displayed adequately in other classes, or exhibits which do not meet requirements of classes in other Divisions.

**Rule 1.2 Duplication** will not be charged if it is required by the nature of the exhibit.

**Rule 1.3 Exhibits** in the Open Division are not limited in space, unless limitation is shown for a specific class, except that the host society shall have the right to restrict such exhibits as floor space requirements dictate.

**Rule 1.4 Deduction** for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen, to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 1.5 For Class A-8 only:**

- (a) Quality will be judged on the obviousness of the particular feature of the specimens exhibited.
- (b) Special Features includes the physical features of the specimen(s); the minerals present, etc.; and must be identified on the labels.
- (c) Labeling. Deductions for labeling errors (illegibility; incorrect spelling, information, or identification; and/or lack of required information) shall be two (2) points for each error and not to exceed the total points allowed in this class. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized two (2) points for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling.

**RULE 1.6** Items in classes that would be examined under magnification in their respective classes, shall be examined according to the respective Division rules in these classes. Refer to Section I, Part I, Rule 3.9.

**RULE 1.7 Gem Trees** Handcrafted miniature trees.

- A. Materials may be natural or polished, not necessarily by the exhibitor, using the approved AFMS current Reference List of Lapidary Materials
- B. Base to be stone, complementary to Trees
- C. Minimum number of trees shall be (4) four, Maximum number (8) eight.
- D. Trees should have labels identifying all material of the tree.
- D. Workmanship will be judged on neat twisting of wire, no visible glue or spider webbing, no missing or loose stones.
- F. Design will be judged on tree form, originality and individuality, as to use of old ideas or styles as well as new ideas. All materials used in trees shall be complimentary. Color, texture, creativity and form shall contribute to the character and balance in the design.

A-1-2003

**G. OUT-OF-CLASS** trees with no decorative stones, all commercially cast trees, figurines or other decorative material. 5 Points will be deducted for each **OUT-OF-CLASS** item from the TOTAL score.

## **JUDGING POINTS FOR DIVISION A**

### **A-1 Mineral and/or Minerals,**

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON

Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON

### **A-2 Lapidary,**

See Rule 9.3 Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON

See Rule 9.7 Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

See Rule 9.6 Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON

See Rule 9.5 Workmanship DEDUCT up to 20 POINTS FOR DEFICIENCIES COMMENTED ON.

### **A-3 Jewelry and Art Metalcraft,**

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON.

Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON.

Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON.

Workmanship DEDUCT up to 20 POINTS FOR DEFICIENCIES COMMENTED ON.

### **A-4 Fossils,**

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON

Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON

### **A-5 Project, using minerals, lapidary, fossils, educational materials, petrified wood, wood casts, art metalcraft, and/or jewelry in any proportion.**

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON

Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON

Charts, drawings, pictures, etc. DEDUCT up to 10 POINTS FOR DEFICIENCIES COMMENTED ON

### **A-6 Fluorescent Minerals,**

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON

Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

Quality DEDUCT up to 30 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON

A-2-2005

**A-7 Mixed Display** Mineral specimens, lapidary, jewelry, art metalcraft, petrified wood, wood casts, and fossils. Any combination of two (2) or more of these listed categories in about equal proportions (number of specimens). Duplication will not be charged if one specimen of the duplicated variety is a mineral and others are jewelry and/or lapidary.

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON  
Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON  
Quality DEDUCT up to 15 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON  
Workmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

**A-8 Geographical Specialties** This class to be used only when other classes in this Division or other Divisions of these rules do not accommodate the display. Labels in this class must show the locality and specialty being shown.  
(Examples: Quartz from Arkansas; Gold from Colorado; Agatized Coral) Lapidary treatment is not necessary, but may be used to reveal special features which must be identified on individual specimen labels.

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON  
Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON  
Quality DEDUCT up to 25 POINTS FOR QUALITY DEFICIENCIES COMMENTED ON  
Specialty designation DEDUCT up to 5 POINTS FOR DEFICIENCIES COMMENTED ON

**A-9 Gem Trees** Handcrafted miniature trees.

Labels DEDUCT up to 10 POINTS FOR ERRORS COMMENTED ON  
Showmanship DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON  
Workmanship DEDUCT up to 20 POINTS FOR DEFICIENCIES COMMENTED ON  
Design DEDUCT up to 15 POINTS FOR DEFICIENCIES COMMENTED ON

All classes compete for Trophy 1.



## 2.0 DIVISION B MINERALS

Please read all of Section I.

### RULES FOR DIVISION B

#### Rule 2.1 Labeling

(a) Each mineral specimen shall have a label showing the following information:

(1) The name of the mineral species; and the name of the variety of the species, if the specimen is a variety; as found in the current **AFMS Mineral Classification List**. See Rule 2.10.

(i) Names of species or varieties of species cannot be modified by extra words, such as “gray GALENA crystals”. “Gray” and “crystals” are descriptive terms, and are not the name of the mineral.

(ii) The names of all mineral species and varieties to be judged shall be in upper case (capital) letters. When a specimen shows more than one mineral and not all are to be judged, use all lower case (or small upper case) letters for the identified material not to be judged. (Example: a specimen of galena, calcite and marcasite with only galena and calcite to be judged would be labeled: GALENA, CALCITE, marcasite; or GALENA, CALCITE, MARCASITE

(iii) Group names (i.e. tourmaline, garnet, etc.) are unacceptable and a specific species must be identified.

(2) The name of the chemical classification - e.g., sulfide, carbonate, oxide, silicate, et al., as found in the **AFMS Mineral Classification List**. The chemical classification may be in all upper case (capital) letters, all lower case letters or with the initial letter in the word capitalized.

(3) The locality of origin (if in U.S., state and one or more of the following: county, area, district, city or parish; if foreign, country and one or more of the following: prefecture, department, district, city, county, territory, area, canton, or province. Current name preferred, previous name accepted). Name of mine is desirable as additional information.

B-1-2009

(4) Any additional information desired may be placed on the label and will be judged for correctness under labeling.

(i) Chemical constituents shall be considered additional information.

(ii) If a formula is used, its source shall be noted on the Mineral List submitted to the exhibits chairman when the case is ready for judging. **See Rule 2.12**

(b) Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be two (2) points for each error and not to exceed the total points allowed for labeling in that class. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling. Lack of diacritical marks shall not constitute an error.

(c) The use of numbers with corresponding lists is not acceptable and will receive no labeling score.

(d) Judges will consider such factors as neatness, size of label, etc., under Showmanship.

(e) Information common to all specimens may be shown on a single group label, including a clear statement of any X, Y or XY restrictions, or personally collected minerals. Example: a display in Class BU-7X may have a single label containing the name and chemical classification of the specimens with individual labels identifying the locality and other desired information for each specimen. A single label may be used in Class BU-3X with the statement "Crystals with inclusions" and individual labels giving the required information for each specimen. Each error on such a group label will be considered a single error, except that where there is no correct label information no labeling points will be awarded.

(f) When exhibiting crystals with inclusions when both are to be judged as a unit, or pseudomorphs, labels shall show in addition to the locality of origin:

(1) For crystals with inclusions the names of the enclosed and enclosing minerals in upper case (capital) letters and the chemical classification for each mineral. The enclosed mineral is to be named first and the enclosing mineral second, joined by the word "in". (Example: RUTILE in QUARTZ, with the chemical classification for each.)

B-2-2001

(2) For pseudomorphs the name of the replacing mineral in upper case (capital) letters and the name of the replaced mineral in lower case (or small upper case) letters with the chemical classification for the replacing mineral. The replacing mineral is to be named first and the replaced mineral second joined by the word “after”. (Example: MALACHITE after azurite, with the chemical classification for malachite.)

**Rule 2.2 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features (such as size, neatness, etc.) to create a display which will attract and hold the interest of the viewer upon the specimens exhibited.

**Rule 2.3 Number of Specimens.** One piece of matrix which contains two or more identified mineral species is still considered only one specimen, (e.g., a piece of limestone with both calcite and fluorite identified is one specimen). For instance, a class requiring a minimum number of 20 specimens, would be considered lacking 2 specimens if it contained only 18 pieces of matrix, even if there were 20 or more identified mineral species on such 18 pieces. Multiple small specimens of one material cannot be counted as one.

**Rule 2.4 Specimen Preparation** shall refer to freedom from excess material and skill in preparation of specimens collected in the field by the exhibitor.

**Rule 2.5 Restricted Classes** Certain classes are restricted in scope. These are **Restriction X**: limited by chemical or physical properties, and **Restriction Y**: limited by region or locality. These are indicated by the appropriate letter following the class number, e.g., BU-3X, BU-8Y. Exhibits in restricted classes will be judged with respect to Quality available within the range of the restriction. See Rule 2.6. Duplication is also restricted for these classes. See Rule 2.8(a).

B-3-2002

**Rule 2.6 Quality Defined** Quality in mineral specimens shall refer to condition of crystals (freedom from bruises and flaws); size of crystals (typical of species); crystal arrangement (attitude of crystals on specimen); clarity; freedom from excess foreign material; and the amount of identified material that is visible. Repaired specimens are permitted. Effectiveness of the repair will be judged under Quality. The basis for reference in judging Quality will depend on the scope of the display.

A display limited in chemical or physical properties (**RESTRICTION X**) will be judged with respect to representatives of the same type with the particular characteristic of the class.

Quality of specimens in a display limited to a region or locality (**RESTRICTION Y**), will be judged by comparison with what exists from that area.

### **Rule 2.7 Deleted November 1, 2001**

**Rule 2.8 OUT-OF-CLASS** Deduction for **OUT-OF-CLASS** specimens shall be five(5) points for each **OUT-OF-CLASS** specimen, to be deducted from the **TOTAL** score awarded the exhibit. Once a specimen has been judged to be **OUT-OF-CLASS** it will not be of consideration in judging Quality, nor will its label be judged. **OUT-OF-CLASS** specimens for mineral exhibits are:

(a) Duplication.

- (1) In general classes, duplication of a species, or duplication of a variety of a species will be charged as **OUT-OF-CLASS**. Example: QUARTZ and QUARTZ variety AMETHYST are not considered a duplication.
- (2) In X, Y, & XY restricted classes, duplication will not be charged if a difference is shown by each specimen, i.e., association, crystal form, color, locality, and/or variety. In such exhibits as crystals with inclusions, enclosed and enclosing minerals will be considered as a unit. Likewise, in pseudomorphs, replaced and replacing minerals will be considered as a unit. Duplication will be charged only when there is a duplication of a unit.

- (b) Lapidary specimens in a mineral exhibit. However, lapidary treatment of mineral specimens will be allowed if such treatment is used **ONLY** to reveal desirable inclusions or other special features.
- (c) Commercially manufactured minerals, those home grown or coming out of laboratories, or those assembled from separate pieces, rearranged or dyed are considered synthetic specimens and are **OUT-OF-CLASS**.
- (d) Specimens over or under the imposed number limitation.
- (e) Specimens over or under the imposed size limitation.
- (f) Minerals and materials embedded within plastics.
- (g) Specimens in X, Y, or XY restricted classes which do not meet the specified restrictions for that class.

**Rule 2.9 Cabinet, miniature, thumbnail and/or micromount specimens** as complete exhibits will be allowed only in classes provided for them. Rules and restrictions under the appropriate subdivisions will apply.

#### **Rule 2.10 References**

- (a) Nomenclature and classification shall be based on the current **AFMS Mineral Classification List**.
- (b) Geographical names are acceptable as they appear in any Journal or published book on the subject, or in other generally accessible sources of information (atlas; dictionary; gazetteer; Cross Reference of Localities, published by the U.S. Postal Service; etc.).
- (c) The exhibitor may provide the judges with supplemental information. Example: If a mineral is exhibited that is not on the AFMS Mineral classification list the exhibitor should supply the source of the name and classification. See Rule 2.10, c,1 and 2.12.
  1. The reference information may be included in the comment column of the Mineral list. See \_\_\_\_\_ Rule2.12
  2. For exhibits of a special nature, the exhibitor may provide a copy of appropriate reference material for the judges. The judges cannot be responsible for returning the material to the exhibitor.

**Rule 2.11 Imposed size in terms of a cube** This cube when placed over the specimen as displayed, shall have the surface of one face parallel to the display surface. Specimen orientation can determine the eligibility for a given class or subdivision.

**Rule 2.12 Reference List** Each exhibitor in B Division shall furnish to the exhibits chairperson a prepared list, on the form supplied, of the specimens in his or her case with a diagram showing the location of the specimens within the case. The form on which to do this will be furnished to the exhibitor when his entry is accepted or confirmed. The accuracy of spelling on the list will not be judged.

## JUDGING POINTS FOR DIVISION B

See Section II, Page S-II-1-1993 and S-II-2-2003

Category	L	S	Q	SP	O	W
A	15	15	70			
B	15	10	55	20		
M	10	5	55		5	25

### 3.0 SUBDIVISION BU: MINERALS UNLIMITED BY SIZE

Please read all of Division B Rules.

#### RULES FOR SUBDIVISION BU

**Rule 3.1** Minerals exhibited in this subdivision are not limited as to maximum or minimum size of specimens.

**Rule 3.2** Class BU-1 exhibits shall contain not more than thirty-five (35) or less than twenty (20) specimens and All Restricted Classes shall have a minimum of twenty (20) specimens with no maximum number of specimens.

#### JUDGING POINTS FOR UNLIMITED MINERALS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q
A	15	15	70

#### CLASSES FOR SUBDIVISION BU

**BU-1 Minerals, mixed size, any type** Not more than 35 or less than 20 specimens to be shown. (A)(2)(T2).

**BU-2X Single crystals** with or without matrix, twinned crystals allowed. (A)(2)(T3).

**BU-3X Crystals with inclusions** Judges will consider both the enclosed and enclosing minerals as a unit. Duplication will be charged only when there is a duplication of the unit. See Rule 2.1(f). (A)(2)(T3).

**BU-4X Pseudomorphs** Judges will consider variety of replaced and replacing minerals as one unit. Duplication will be charged only when there is a duplication of a unit. See Rule 2.1(f). (A)(2)(T3).

**BU-5X Minerals all of which contain the same chemical element** e.g., all lead minerals, all boron minerals, all copper minerals, all sulfur minerals, etc. (A)(2)(T3).

B-6-2005

**BU-6X Minerals of One Class or One Group** Examples: native elements, sulfides, carbonates, OR garnet group, mica group, zeolite group, etc. (A)(2)(T3).

**BU-7X One Mineral Series OR One Species** Examples: plagioclase series, or calcite, wulfenite, etc. (A)(2)(T3).

**BU-8Y Minerals from one locality, mine or mineral district** (A)(2)(T3).

**BU-9Y Minerals from one state** (A)(2)(T3).

**BU-10Y Minerals from one country** (A)(2)(T3).

**BU-11XY Specialized Minerals** The exhibitor shall limit the exhibit to one (1) category in each of the following two (2) groups:

Group I

- a. single crystals
- b. crystals with inclusions
- c. pseudomorphs
- d. minerals all of which contain the same chemical element
- e. minerals of one class or group
- f. minerals of one series or species

Group II

- a. minerals from one locality, mine or district
- b. minerals from one state
- c. minerals from one country.

The exhibitor must clearly indicate in the display the restrictions selected e.g., fluorite from Illinois or single crystals from Mexico. (A)(2)(T3).

#### 4.0 SUBDIVISION BC: CABINET MINERALS

Please read all of Division B Rules.

#### RULES FOR SUBDIVISION BC

**Rule 4.1** A cabinet mineral is defined as any mineral specimen displayed so that it will fit into a five inch cube. See Rule 2.11.

**Rule 4.2** No more than five (5) miniature specimens may be included. See Rule 2.11. Thumbnail specimens shall be considered OUT-OF-CLASS. See Rule 6.1.

**Rule 4.3** All cabinet mineral classes shall have a maximum of thirty-five (35) and a minimum of twenty (20) specimens.

#### JUDGING POINTS FOR CABINET MINERALS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q
A	15	15	70

#### CLASSES FOR SUBDIVISION BC

**BC-1 Cabinet minerals, any type.** (A)(1)(T4).

**BC-2X Cabinet minerals, single crystals,** with or without matrix, twinned crystals allowed. (A)(1)(T5).

**BC-3X Cabinet minerals, crystals with inclusions** Judges will consider both the enclosed and enclosing minerals as a unit. Duplication will be charged only when there is a duplication of the unit. See Rule 2.1 (f). (A)(1)(T5).

**BC-4X Cabinet minerals, pseudomorphs** Judges will consider variety of replaced and replacing minerals as one unit. Duplication will be charged only when there is a duplication of a unit. See Rule 2.1 (f). (A)(1)(T5).

**BC-5X Cabinet minerals all of which contain the same chemical elements,** e.g., all lead minerals, all boron minerals, all copper minerals, all sulfur minerals, etc. (A)(1)(T5).

**B-8-2005**



**BC-6X Cabinet minerals of One Class or One Group** Examples: native elements, sulfides, carbonates, OR garnet group, mica group, zeolite group, etc. (A)(1)(T5).

**BC-7X Cabinet minerals of One Mineral Series OR One Species.** Examples: plagioclase series, OR calcite, wulfenite, etc. (A)(1)(T5).

**BC-8Y Cabinet minerals from one locality, mine or mineral district.** (A)(1)(T5).

**BC-9Y Cabinet minerals from one state** (A)(1)(T5).

**BC-10Y Cabinet minerals from one country** (A)(1)(T5).

**BC-11XY Cabinet specialized minerals** The exhibitor shall limit the exhibit to one (1) category in each of the following two (2) groups:

Group I

- a. single crystals
- b. crystals with inclusions
- c. pseudomorphs
- d. minerals all of which contain the same chemical element
- e. minerals of one class or group
- f. minerals of one series or species

Group II

- a. minerals from one locality, mine or district
- b. minerals from one state
- c. minerals from one country.

The exhibitor must clearly indicate in the display the restrictions selected, e.g., fluorite from Illinois or single crystals from Mexico. (A)(1)(T5).

## 5.0 SUBDIVISIONS BS: MINIATURE MINERALS

Please read all of Division B Rules.

### RULES FOR SUBDIVISION BS

**Rule 5.1** A miniature mineral is defined as any mineral specimen displayed so that it will fit into a two inch cube. See Rule 2.11.

**Rule 5.2** No more than five (5) thumbnail specimens may be included. See Rule 2.1.

**Rule 5.3 Number Limitations** Not more than 35 or less than 25 specimens to be shown.

### JUDGING POINTS FOR MINIATURE MINERALS

See Section II, Pages S-II-1-1993 and S-II-2-2005

Category	L	S	Q
A	15	15	70

### CLASSES FOR SUBDIVISION BS

**BS-1 Miniature minerals, any type** (A)(1)(T6).

**BS-2X Miniature minerals, single crystals**, with or without matrix, twinned crystals allowed. (A)(1)(T7).

**BS-3X Miniature minerals, crystals with inclusions** Judges will consider both the enclosed and enclosing minerals as a unit. Duplication will be charged only when there is a duplication of the unit.  
See Rule 2.1(f). (A)(1)(T7).

**BS-4X Miniature minerals, pseudomorphs** Judges will consider variety of replaced and replacing minerals as one unit. Duplication will be charged only when there is a duplication of a unit.  
See Rule 2.1(f). (A)(1)(T7).

**BS-5X Miniature minerals all of which contain the same chemical elements**, e.g., all lead minerals, all boron minerals, all copper minerals, all sulfur minerals, etc. (A)(1)(T7).

**B-10-2003**

**BS-6X Miniature minerals of One Class or One Group** Examples: native elements, sulfides, carbonates, OR garnet group, mica group, zeolite group, etc. (A)(1)(T7).

**BS-7X Miniature minerals of One Mineral Series OR One Species** Examples: plagioclase series, OR calcite, wulfenite, etc. (A)(1)(T7).

**BS-8Y Miniature minerals from one locality, mine or mineral district.** (A)(1)(Y7).

**BS-9Y Miniature minerals from one state** (A)(1)(T7).

**BS-10Y Miniature minerals from one country** (A)(1)(T7).

**BS-11XY Miniature specialized minerals** The exhibitor shall limit the exhibit to one (1) category in each of the following two (2) groups:

Group I

- a. single crystals
- b. crystals with inclusions
- c. pseudomorphs
- d. minerals all of which contain the same chemical element
- e. minerals of one class or group
- f. minerals of one series or species

Group II

- a. minerals from one locality, mine or district
- b. minerals from one state
- c. minerals from one country.

The exhibitor must clearly indicate in the display the restrictions selected e.g., fluorite from Illinois or single crystals from Mexico. (A)(1)(T7).

B-11-1992

## 6.0 SUBDIVISION BT: THUMBNAIL MINERALS

Please read all of Division B Rules.

### RULES FOR SUBDIVISION BT

**Rule 6.1** A thumbnail mineral is defined as any mineral specimen displayed so that it will fit into a one inch cube. See Rule 2.11.

**Rule 6.2** Thumbnails may be displayed either in or out of boxes.

**Rule 6.3** Thumbnail Class BT-1 shall have thirty-five (35) specimens. All Subdivision BT Restricted Classes shall have a maximum of thirty-five (35) specimens and a minimum of twenty-five (25) specimens.

### JUDGING POINTS FOR THUMBNAIL MINERALS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q
A	15	15	70

### CLASSES FOR SUBDIVISION BT

**BT-1 Thumbnail minerals, any type.** (A)(1)(T8).

**BT-2X Thumbnail minerals, single crystals with or without matrix,** twinned crystals allowed. (A)(1)(T9).

**BT-3X Thumbnail minerals, crystals with inclusions** Judges will consider both the enclosed and enclosing minerals as a unit. Duplication will be charged only when there is a duplication of a unit.  
See Rule 2.1(f). (A)(1)(T9).

**BT-4X Thumbnail minerals, pseudomorphs** Judges will consider variety of replaced and replacing minerals as one unit. Duplication will be charged only when there is a duplication of a unit.  
See Rule 2.1(f). (A)(1)(T9).

B-12-2005

**BT-5X Thumbnail minerals all of which contain the same chemical element**, e.g., all lead minerals, all boron minerals, all copper minerals, all sulfur minerals, etc. (A)(1)(T9).

**BT-6X Thumbnail minerals of One Class or One Group** Examples: native elements, sulfides, carbonates, OR garnet group, mica group, zeolite group. etc. (A)(1)(T9).

**BT-7X Thumbnail minerals of One Mineral Series OR One Species** Examples: plagioclase series, OR calcite, wulfenite, etc. (A)(1)(T9).

**BT-8Y Thumbnail minerals from one locality, mine or mineral district.** (A)(1)(T9).

**BT-9Y Thumbnail minerals from one state** (A)(1)(T9).

**BT-10Y Thumbnail minerals from one country** (A)(1)(T).

**BT-11XY Thumbnail specialized minerals** The exhibitor shall limit the exhibit to one (1) category in each of the following two (2) groups:

Group I

- a. single crystals
- b. crystals with inclusions
- c. pseudomorphs
- d. minerals all of which contain the same chemical element
- e. minerals of one class or group
- f. minerals of one series or species

Group II

- a. minerals from one locality, mine or district
- b. minerals from one state
- c. minerals from one country.

The exhibitor must clearly indicate in the display the restrictions selected e.g., fluorite from Illinois or single crystals from Mexico. (A)(1)(T9).

B-13-1992

## 7.0 SUBDIVISION BM: MICROMOUNT MINERAL

Please read all Division B Rules.

### RULES FOR SUBDIVISION BM

**Rule 7.1** Micromounts are mineral specimens in which the individual crystals are so small as to require magnification to correctly identify and evaluate the mineral.

- (a) Micromount specimens shall be of a size no larger than will fit into a 1 X 1 1/2 X 1 inch box.
- (b) Micromount Class BM-1 shall have thirty-five (35) specimens. All Subdivision BM Restricted Classes shall have a maximum of thirty-five (35) specimens and a minimum of twenty-five (25) specimens.
- (c) Evaluation of the exhibit shall be based upon the microscopic examination of at least fifteen (15) mounts at no less than 10X magnification. The Rules Chairman or a person delegated by him shall designate which specimens are to be examined.

The same sequence determined at random is to be used on all BM-1 exhibits and another randomly determined sequence is to be used on exhibits in Restricted Classes.

- (d) Micromount label scoring shall be based on the correctness of all labels.
- (e) (deleted Nov.1 2001)
- (f) The exhibitor shall indicate, in the case and on the box, the orientation of the mount with respect to the viewer.
- (g) The exhibitor shall provide a list of the specimens with the species and location for each. Each specimen on the list should have a number corresponding to one on the specimen box. The List will not be subject to judging.

**Rule 7.2** Exhibitor must leave display case keys with the Rules Chairman prior to time of judging, or arrange to open case when necessary. See Section I, Part I, Rule 3.9

B-14-2002

**Rule 7.3 Showmanship:** Rule 7.2 shall apply. In addition, any method which will enable the viewer to better visualize the Micromounts will be considered, i.e., photographs, drawings, magnification. If photographs are used, they must be of the specimens exhibited and need not be taken by the exhibitor.

**Rule 7.4 Orientation defined:** the proper positioning and angulation of the specimen so that the central point of interest may be observed without necessitating further movement of the mount than to place it in focus under the microscope.

**Rule 7.5 Workmanship defined:** the ability of the exhibitor to display the intended material with the least amount of distraction when it is properly oriented; e.g., lack of glare or roughness of boxes, no glue showing, pedestal not visible when viewing specimen, excess matrix trimmed from specimen. See Rule 7.4.

## JUDGING POINTS FOR MICROMOUNT MINERALS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	O	W
M	10	5	55	5	25

## CLASSES FOR SUBDIVISION BM

**BM-1 Micromount minerals, any type.** (M)(1)(T10)

**BM-2X Micromount minerals, single crystals,** with or without matrix, twinned crystals allowed. (M)(1)(T11).

**BM-3X Micromount minerals, crystals with inclusions** Judges will consider both the enclosed and enclosing minerals as a unit. Duplication will be charged only when there is a duplication of the unit. See Rule 2.1(f). (M)(1)(T11).

**BM-4X Micromount minerals, pseudomorphs** Judges will consider variety of replaced and replacing minerals as one unit. Duplication will be charged only when there is a duplication of a unit. See Rule 2.1(f). (M)(1)(T11).

**BM-5X Micromount minerals all of which contain the same chemical element,** e.g., all lead minerals, all boron minerals, all copper minerals, all sulfur minerals, etc. (M)(1)(T11).

**BM-6X Micromount minerals, minerals of One Class or One Group** Examples: native elements, sulfides, carbonates, OR garnet group, mica group, zeolite group, etc. (M)(1)(T11).

B-15-2005

**BM-7X Micromount minerals, One Mineral Series OR One Species** Examples: plagioclase series, OR calcite, wulfenite, etc. (M)(1)(T11).

**BM-8Y Micromount minerals from one locality, mine or mineral district** (M)(1)(T11).

**BM-9Y Micromount minerals from one state** (M)(1)(T11).

**BM-10Y Micromount minerals from one country** (M)(1)(T11).

**BM-11XY Micromount specialized minerals** The exhibitor shall limit the exhibit to one (1) category in each of the following two (2) groups:

Group I

- a. single crystals
- b. crystals with inclusions
- c. pseudomorphs
- d. minerals all of which contain the same chemical element
- e. minerals of one class or group
- f. minerals of one series or species

Group II

- a. minerals from one locality, mine or district
- b. minerals from one state
- c. minerals from one country.

The exhibitor must clearly indicate in the display the restrictions selected e.g., fluorite from Illinois or single crystals from Mexico. (M)(1)(T11).

B-16-1992



## 8.0 SUBDIVISION BF: PERSONALLY COLLECTED MINERALS

Please read all of Division B Rules.

### RULES FOR SUBDIVISION BF

**Rule 8.1** Personally collected minerals are those mineral specimens which the exhibitor has collected in the field.

**Rule 8.2** Duplication criteria in these classes shall be the same as in the equivalent classes of the other subdivisions.

### JUDGING POINTS FOR PERSONALLY COLLECTED MINERALS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	SP	O	W
B	15	10	55	20		
M	10	5	55		5	25

### CLASSES FOR SUBDIVISION BF

**BF-1 Personally collected minerals, unlimited size**, equivalent to any class in Subdivision BU. Not more than thirty-five (35) or less than twenty (20) specimens to be shown. See Subdivision BU Rules. (B)(2)(T12).

**BF-2 Personally collected cabinet minerals** equivalent to any class in Subdivision BC. Not more than thirty-five (35) or less than twenty (20) specimens to be shown. See Subdivision BC Rules. (B)(1)(T12).

**BF-3 Personally collected miniature minerals** equivalent to any class in Subdivision BS. Not more than thirty-five (35) or less than twenty-five (25) specimens to be shown. See Subdivision BS Rules. (B)(1)(T12).

**BF-4 Personally collected thumbnail minerals** equivalent to any class in Subdivision BT. Either thirty-five (35) or twenty-five (25) to thirty-five (35) specimens to be shown according to the BT class to which the exhibit corresponds. See Subdivision BT Rules. (B)(1)(T12).

**BF-5 Personally collected micromount minerals** equivalent to any class in Subdivision BM. Either thirty-five (35) or twenty-five (25) to thirty-five (35) specimens shall be shown according to the BM Class to which the exhibit corresponds. See Subdivision BM Rules. (M)(1)(T12).

The exhibitor shall clearly state which mineral class the exhibit represents EXAMPLE: Class BF-2 (BC-5X); Class BF-4 (BT-8Y); Class BF-1 (BU-1).

B-17-2005

## 9.0 DIVISION C LAPIDARY

Please read all of Section I.

### RULES FOR DIVISION C

**Rule 9.1 Variety of Work** Each of the following will be considered a variety of work: bookends, cabochons, carvings, composites, contoured polished specimens, doublets, faceted stones, intarsia, mosaics, polished flats, specialties, spheres, transparencies, and triplets.

#### DEFINITIONS (for Division C and all of its Subdivisions)

**Bookends:** Lapidary material to function as bookends. Must be in pairs of matching material. Each piece must have at least two perpendicular flat surfaces. Each piece must have a polished surface visible when bookends are in a functional position. Portions of specimens may be left in the rough state if all other conditions are met.

**Cabochons:** A cabochon shall be lapidary material of a size that could be worn for jewelry, cut free hand without having been tumbled.

Cabochons fall in three categories:

- (1) **Traditional:** Traditional cabochons must have domed tops and must have at least one plane of symmetry. A plane of symmetry exists when a straight line passed through the middle of a cabochon gives two equal halves in size and shape. Some examples of traditional cabochons are: heart, cross, star, square, rectangle, diamond, teardrop, pear, circle, oval, and kite. These cabochons may be exhibited in classes CC-1 through CC-7. Flat topped stones or free forms (no plane of symmetry) are Out-of-Class in Traditional cabochon Classes CC-5, and CC-6.
- (2) **Modern:** Modern cabochons may have either domed or flat tops and have any shape that exhibits both the skill and creativity of the lapidary. They are not restricted to having a plane of symmetry. Nontraditional cabochons are allowed only in Classes CC-1 through CC-4 and CC-7.
- (3) **Creative:** Creative cabochons may be of any shape, but with a flat back, that exhibits the skill and ingenuity of the exhibitor, and may include traditional and modern.

The reverse side of any cabochon, either, modern, traditional, or creative, may have a bevel or chamfer. A bevel or chamfer is not mandatory.

C-1-2005

**Carving.** Lapidary material which has been worked into figures and/or artistic designs not included in other classes (either cabochons, spheres, faceted stones). See Rule 9.8.

(A) Types of Carving include, but are not limited to, the following:

- (1) In the Round: Carved and finished, all surfaces.
- (2) Relief: All types, high, medium, and low, need not be finished on reverse side - includes intaglios and cameos.
- (3) Fretwork: Pierced or open work.
- (4) Transparencies: Carvings which use light and the translucency of the material for their effect.
- (5) One Piece (solid mass): Carving of any type, of one piece of material, worked to completion.
- (6) Composite carving: A carving of any type which utilizes more than one material to achieve the effect desired. Minor metal parts may be used (e.g., stems for flowers, legs for birds). Minor accessory stones of appropriate size may be used, and need not be the work of the exhibitor. Such stones shall only be used where they fit the theme of the carving (i.e., no faceted stones used for eyes in realistic carvings). All stones must be found in the Approved List of Lapidary Materials
- (7) Diorama: A three dimensional scene using carved objects.
- (8) Miniature Carvings: Any carving no greater than two (2) inches in length, two (2) inches in width, and two (2) inches in height.

**(B) Soft Stone:** A material less than 5 Mohs' scale, which may be carved with steel tools (e.g., knife, file, hack saw or chisels).

**(C) Hard Stone:** Material from 5 to 10 Mohs' scale which due to hardness must be carved with lapidary tools - power or hand.

C-2-2004

**Composite** (Excluding doublets, triplets, and carvings): Examples of lapidary workmanship constructed from two or more pieces which may be of the same or different material, and worked as a flat, cabochon, faceted stone, sphere, bookend, or specialty.

**Contoured Polished Specimen:** A lapidary specimen all or portions of which has been shaped and polished following the natural contours of the material.

**Doublet:** A cabochon or faceted stone fashioned from a two piece horizontal layering of lapidary materials and designed to look like a single material (if properly mounted).

**Faceted Stones:** Stones cut to a selected geometric pattern by the placement of flat surfaces called facets. (Facets need not cover the entire stone, e.g., partially faceted domes, etc.)

**Intarsia:** Pictures or designs made by precise fitting together of small pieces of lapidary material so that the color, natural pattern and shape of each piece forms all or a substantial part of each item or figure in the intarsia.

**Mosaic:** Pictures or designs made by fitting together small polished pieces of variously colored lapidary material. The fitting may be precise or grouting may be visible.

**Polished Flats:** Lapidary material the predominant feature of which is a single large polished flat surface. May be on slabs, wedges, nodules, or irregular shaped pieces.

**Specialty:** This class includes all lapidary workmanship not specifically included elsewhere. Examples: ash trays, cubes, lamps, clocks, etc.

**Spheres:** Lapidary material fashioned by hand or by machine into the shape of a geometric sphere and polished. May include crystal vugs and cavities if the quality of the material is appropriate.

C-3-2002

**Transparencies:** Thinly sliced and polished translucent or transparent lapidary material. May be lighted from the rear by mirrors or lights if needed to display material to its best effect.

**Triplet:** A cabochon or faceted stone fashioned from a three piece horizontal layering of lapidary materials and designed to look like a single material (if properly mounted).

**Rule 9.2 OUT-OF-CLASS** specimens for lapidary classes are:

- (a) Mineral specimens in lapidary exhibits (except in Classes CC-3, and CS-1).
- (b) Synthetic specimens (except in Classes C-1, CA-11, CC-4, CC-7, CF-4, CF-5, and CS-1).
- (c) Dyed materials.
- (d) Specimens over or under the imposed limitation.
- (e) Minerals and materials embedded in plastics.
- (f) Glass (except in classes C-1, CA-11, CC-4, CC-7, CF-4, CF-5, CW-7, CW-9, CW-11 and CS-1).
- (g) Any lapidary entry that has more than fifty (50) percent of the specimens composed of petrified wood.
- (h) Tumbled stones except as a minor background material in classes CA-4 and CA-9 Carvings-Diorama.
- (i) Flat topped stones or free forms (no plane of symmetry) in traditional cabochon classes CC-5, and CC-6.

Deduction for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen to be deducted from the **TOTAL** score awarded the exhibit.

C-4-2005

**Rule 9.3** Labeling (for Division C and all of its Sub-divisions)

(a) Variety	Label Required	Material Information Required *
Carvings	Yes	Yes
Composite Carvings	Yes	Yes
Cabochons	Yes	Yes
Faceted Stones	Yes	Yes
Polished Flats	Yes	Yes
Bookends	Yes	Yes
Spheres	Yes	Yes
Transparencies	Yes	Yes
Intarsia	No	No
Doublets	Yes	Yes
Triplets	Yes	Yes
Contoured Polished Specimens	Yes	Yes
Mosaics	No	No
Composites	Yes	Yes
Specialties	No	No
Classes C-2, C-3, C-4	Yes	Yes

\* Labels shall show the name of the material as listed in the authorized references. See Rule 9.8.

Locality of origin is required in Classes C-2, C-3 and C-4 and is encouraged in all other classes. Indicate at least the state, if the U.S., country, if foreign, (current name preferred, previous name accepted).

- (b) Groupings of the same material need have only one label. Where no correct label information is given no labeling points will be awarded.
- (c) Any additional information desired may be placed on the label and will be judged.
- (d) When synthetic or other man-made stones are permitted they must be identified as such on the label. See Rule 9.2(b).

- (e) Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be one (1) point for each error and not to exceed the total points allowed for labeling in that class. CONSISTENT ERRORS (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) the points allowed for labeling.
- (f) The use of numbers with corresponding lists in lieu of labels is not acceptable and will receive no labeling score.
- (g) Locality of origin (at least state, if in the U.S., country, if foreign - current name preferred, previous name accepted) is required in Classes C-3 and C-4 and is encouraged in all other classes.

**Rule 9.4 Sawing** done by persons other than the exhibitor will be allowed where the purpose of the sawing is to prepare material for cabochons, etc., but will not be allowed if such sawing comprises an essential operation for the finished form, such as shaping material for bookends, etc.

**Rule 9.5 Workmanship** (lapidary treatment) refers to shaping, symmetry, and polish of the material; to perfection of polished flat surfaces (not rounded); to precision of fitting in intarsia and related work; to shaping and surface finishing of carving; to correctness of angle in faceting. Craftsmen who demonstrate the ability to work a greater variety and hardness of material will receive a relatively higher score. In cabochon classes, variety of shapes will be considered under Workmanship. Size of pieces should be large enough to demonstrate the exhibitor's ability to work and form the substantial areas and masses. When mountings are allowed they may be hand-wrought or commercial and are not judged. They need not be wearable as displayed - chains, bola cords, etc. are not necessary.

**Rule 9.6 Quality of material** shall refer to color, color pattern, freedom from flaws, freedom from undesirable inclusions, suitability of the material for the use to which it is put. Natural materials shall be used unless other materials are permitted by Rule 9.2.

**Rule 9.7 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features (such as size, neatness, etc.) to create a display which will attract and hold the interest of the viewer upon the specimens exhibited.

**Rule 9.8 References** The current AFMS “Approved Reference List of Lapidary Material Names” is the authority for lapidary names. If the material is not named or is not discredited therein, the following references may be used (irrespective of listed order).

AFMS “Mineral Classification List”.

Dana’s System of Mineralogy, 7th Edition.

Dana’s Textbook of Mineralogy, 4th Edition.

Michael Fleischer’s Glossary of Mineral Species; for shows in each calendar year, that edition with revisions, current as of January 1 of that year.

“Encyclopedia of Gemstones”, Joel Arem



## JUDGING POINTS FOR DIVISION C

See Section II, Pages S-II-1-1993 and S-II-2-2005

Category	L	S	Q	VW	W	VM	D/VW	D
D	5	15	25	10	45			
E	5	15	40		40			
F	5	15	25		55			
G		15	25		60			
O	5	15	25	10	40	5		
Q	5	10	10		65	10		
T	5	10	5		60	10	10	
AA	5	15	25	10	45			
V	5	10	10		65		10	
W	5	10			70	5	10	
BB	5	10	10		65			10

### CLASSES FOR DIVISION C

**C-1 General Lapidary** demonstrates the ability of the exhibitor to accomplish a variety of work.

Points awarded for types of work shall be one (1) point for each type of work displayed, not to exceed the total points allowed for Variety of Work. See Rule 9.1. No mountings allowed. (D)(2)(T15).

**C-2 Nodules and/or geodes**, halves (pairs or singles) with polished surface; and/or wholes with an area of the circumference polished; from either mixed localities or one area. (Spheres shall be exhibited in designated classes for them.) (E)(2)(T15).

**C-3 One Locality**, polished specimens of any type (not to include more than 10 cabochons) from one locality, county, state, or country. (F)(1)(T15).

**C-4 Lapidary material** collected in the field by the exhibitor. Lapidary treatment must reveal the beauty and quality of the specimens. (F)(2)(T15).

C-8-2005

## 10.0 SUBDIVISION CA: CARVINGS

Please read all Division C Rules.

### RULES FOR SUBDIVISION CA

**Rule 10.1 Workmanship** (lapidary treatment) refers to shaping, surface finishing and the artistic utilization of material. Finish of surfaces in carving may range from textured to matte to highly polished. The finish should suit the subject matter represented by the carving. However, the finish must be consistent with good workmanship.

**Rule 10.2 Quality of Material** shall refer to color, color pattern, freedom from flaws, freedom from undesirable inclusions, and the suitability of the material for the use to which it is put. Natural materials only shall be used except in Class CA-11. Inclusions and flaws which have been incorporated into carvings so as to enhance or not distract from the finished piece shall not be considered undesirable in Subdivision CA.

**Rule 10.3 Design** shall refer to originality as to the use of old ideas or patterns as well a new ideas to create an object of art or usefulness.

**Rule 10.4 Variety of Material** refers to the use of diverse kinds of materials, colors, and/or differing ranges of hardness.

**Rule 10.5 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features, such as size and neatness, to create a display which will attract and hold the interest of the viewer.

Bases or stands utilized in Subdivision CA, not an integral part of the carving, may be finished or left in their natural state, and shall be judged for **Showmanship** only.

C-9-1992

## JUDGING POINTS FOR CARVINGS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	W	VM	D
Q	5	10	10	65	10	
BB	5	10	10	65		10

### CLASSES FOR SUBDIVISION CA

**CA-1 Carving(s):** Soft Stone, one piece (solid mass), any size - one to six (1-6) Carving(s). One piece must have minimum measurement of 100 X 150 millimeters. (BB)(2)(T16).

**CA-2 Carving(s):** Hard Stone, one piece (solid mass), any size - one to six (1-6) carving(s). One piece must have minimum measurement of 100 X 150 millimeters. (BB)(2)(T40).

**CA-3 Carving(s) - Composites:** Any size - one to six (1-6) carving(s). One piece must have minimum measurement of 100 X 150 millimeters. (BB)(2)(T41).

**CA-4 Carvings - Diorama:** Any size. (Q)(2)(T41).

**CA-5 Carvings - Mixed:** May include Soft Stone, Hard Stone, Composites. Any size - six to ten (6-10) carvings. (Q)(2)(T41).

**CA-6 Carvings - Miniature, Soft Stone:** one piece (solid mass) - ten to fifteen (10-15) carvings. (BB)(1)(T16).

**CA-7 Carvings - Miniature, Hard Stone:** one piece (solid mass) - ten to fifteen (10-15) carvings. (BB)(1)(T40).

**CA-8 Carvings - Miniature, Composites:** Ten to fifteen (10-15) carvings. (BB)(1)(T41).

**CA-9 Carvings - Miniature, Diorama:** In which all carvings are miniatures. (Q)(1)(T41).

**CA-10 Carvings - Miniature, Mixed:** May include Soft Stone, Hard Stone, Composites. Ten to fifteen (10-15) carvings. (Q)(1)(T41).

**CA-11 Carving(s) - Synthetic and/or Glass:** May include boules, stabilized turquoise, and glass. No plastics. Any size - one to ten (1-10) carving(s). One piece must have minimum measurement of 100 X 150 millimeters. (BB)(2)(T41).

C-10-2009

## 11.0 SUBDIVISION CC: CABOCHONS

Please read all Division C Rules.

### RULES FOR SUBDIVISION CC

**Rule 11.1** Number of cabochons shall be a minimum of twenty-five (25) and a maximum of sixty (60) cabochons for all CC classes except CC-3, which will be fifteen (15) minimum and thirty (30) maximum.

**Rule 11.2** Synthetic or other man-made materials are Out-of-Class in any CC class except CC-4 or CC-7.

**Rule 11.3** Carvings and intarsia are Out-of-Class in Subdivision CC.

**Rule 11.4** Doublets and/or triplets may be shown in cabochon classes; however, if shown in CC-2 or CC-6 the lamination must be two (2) or more pieces of the same material.

See Rule 9.2 (g) Page C-4-1993

Rule 11.5 Exhibitors in cabochon classes should show, where appropriate, a variety of material exhibiting different levels of hardness ( as measured by the Moh's scale). Judges will award 1 point for each variety of level of hardness up to a maximum of 5 points. This rule applies to classes CC-1, CC-3, and CC-5

### JUDGING POINTS FOR CABOCHONS

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	VW	W	VM
F	5	15	25		55	
O	5	15	25	10	40	5
AA	5	15	25	10	45	

### CLASSES FOR SUBDIVISION CC

**CC-1 Cabochons**, more than one material: not more than five (5) cabochons mounted. No stone greater than 100mm in maximum dimension and not more than five (5) stones under 12mm in maximum dimension. (O)(1)(T17).

**CC-2 Cabochons**, one material: not more than five 5 cabochons mounted. No stone greater than 100mm in maximum dimension and not more than five 5 stones under 12mm in maximum dimension. (AA)(1)(T18).

**CC-3 Cabochons** with rough: a cabochon with a rough specimen showing the cut surface from which the cabochon was taken. Rough not to be judged for quality. A slab is not considered a rough specimen. No cabochons mounted. Fifteen (15) minimum & 30 maximum (O)(1)(T17).

C-11-2005

**CC-4 Cabochons exhibiting optical phenomena:** such as stars, cat's-eye, schiller, chatoyance, etc. No cabochons mounted. (F)(1)(T17).

**CC-5 Cabochons (Traditional)** more than one (1) material: not more than five (5) cabochons mounted. No stone greater than 100mm in maximum dimension and not more than five (5) stones under 12mm in maximum dimension. (O)(1)(T17).

**CC-6 Cabochons (Traditional)** one material: not more than five (5) cabochons mounted. No stone greater than 100mm in maximum dimension and not more than five (5) stones under 12mm in maximum dimension. (AA)(1)(T18).

**CC-7 Cabochons (Creative):** not more than five (5) cabochons mounted. No stone greater than 100mm in maximum dimension and not more than five (5) stones under 12mm in maximum dimension. (F)(1)(T14).

C-12-2005

## 12.0 SUBDIVISION CF: FACETED GEMSTONES

Please read all Division C Rules.

### RULES FOR SUBDIVISION CF

**Rule 12.1** Faceted gemstones are stones cut to a selected geometric pattern by the placement of flat, convex or concave surfaces called facets. (Facets need not cover the entire stone, e.g., partially faceted domes, etc.)

- (a) Faceted gemstones may be of any size, with the exception that at least one (1) gemstone shall be 3MM or less in its maximum dimension parallel to the girdle, and at least one gemstone shall be 20MM or more in its minimum dimension parallel to the girdle.
- (b) Faceted gemstones are of three types as follows:
  - (1) **“Round” Type** are stones cut with a regular facet arrangement about the center line of the stone and with three or more planes of symmetry. Examples: round brilliants, equilateral triangles, pentagons, hexagons, etc.
  - (2) **“Fancy” Type** are stones which have either one or two planes of symmetry. Examples: ovals, marquis, pears, hearts, kites, rectangles, etc.
  - (3) **“Freeform” Type** are stones that do not have a regular facet arrangement about the center line of the stone nor any plane of symmetry. The planes of symmetry referred to above do not include the plane of the girdle.

**Rule 12.2** The number of faceted stones will be a minimum of twenty (20) and a maximum of forty (40) except in Classes CF-3 and CF-5. The number of faceted stones will be twelve (12) in Classes CF-3 and CF-5.

**Rule 12.3** Exhibitor must leave display case keys with the Rules Chairperson or assistant prior to time of judging, or arrange to open case when necessary. See Section I, Part I, Rule 3.9.

C-13-1995

**Rule 12.4** Evaluation of the exhibit shall be assisted by the use of optical aids of 10X magnification only. Stones shall not be examined at any higher magnification during judging. No less than three (3) stones or more than six (6) stones as selected by the judges shall be removed from each exhibit for such examination. Stones removed from each exhibit shall be the same number and similar type cuts.

**Rule 12.5 OUT-OF-CLASS** items for Faceted Gemstones classes are:

- (a) Synthetics or other man-made stones, including glass, in classes restricted to natural stones (e.g., Classes CF-1, CF-2 and CF-3).
- (b) Natural stones in classes restricted to synthetics or other man-made materials (e.g., Classes CF-4, and CF-5).
- (c) More than one (1) stone of identical cut in Classes CF-3 and CF-5.
- (d) Stones over or under imposed limitations.

**Note:** Any faceted gemstone except diamond without a polished girdle will not be considered OUT-OF-CLASS, but lack of a polish on the girdle will be considered under workmanship.

- (e) Any stones mounted in Jewelry.

Deduction for **OUT-OF-CLASS** stones shall be five (5) points for each **OUT-OF-CLASS** stone, to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 12.6** Quality refers to color and to relative freedom from flaws and inclusions. Cost and rarity shall not be a factor in evaluating quality of material.

**Rule 12.7** Workmanship is a measure of the perfection of the meets between facets, the correctness of angles to achieve maximum brilliance and color, the perfection of polish, the proportion and alignment of facets, the uniformity of similar facets and the ability to minimize the undesirable effects of inclusions and/or flaws. All girdles shall be polished, with the exception of diamonds.

**Rule 12.8** Difficulty/Variety of Work refers to the originality, the diversity of type of cut and design of stones; and to the skill that is required to accomplish a near perfect cut of the design and material in question.

C-14-2003

**Rule 12.9 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features (such as size and neatness), to create a display which will attract and hold the interest of the viewer.

**Rule 12.10 Variety of Material** refers to the use of diverse kinds of material, and/or differing ranges of hardness.

**Rule 12.11** When synthetic or other man-made stones are permitted, they must be identified as such on the label. See Rule 9.3(b). In Classes restricted to either natural or man made materials, a group label may be included in the case stating “**Natural**” or “**Synthetic**” or “**Man Made**”, and the labels of the individual specimens will not have to repeat this information.

**Rule 12.12 References:** These are the authorities for gemstone names.

The current AFMS “Approved Reference List of Lapidary Material Names”  
“Encyclopedia of Gemstones” by Joel Arem  
“Description of Gem Materials” by Vargas  
“Gems Made by Man” by Nassau

## JUDGING POINTS FOR FACETED GEMSTONES

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	W	VM	D/VW
T	5	10	5	60	10	10
V	5	10	10	65		10
W	5	10		70	5	10

## CLASSES FOR SUBDIVISION CF

**CF-1 Faceted Gemstones**, natural material; any type cuts; no stones may be mounted in jewelry. (T)(1)(T19).

**CF-2 Faceted Gemstones**, natural material of one kind; any type cuts; no stones may be mounted in jewelry. (V)(1)(T19).

**CF-3 Faceted Gemstones**, natural material; specified types of cut with no two (2) stones of identical cut. All stones to be judged. Exactly twelve (12) stones as follows: At least four (4) “Round” Type, at least four (4) “Fancy” Type, plus four (4) of exhibitor’s choice, which may include “Freeform” Type. No stone may be mounted in jewelry. (T)(1)(T19).

C-15-2005



**CF-4 Faceted Gemstones**, synthetic or other man-made materials; any type cuts; no stones may be mounted in jewelry. (W)(1)(T20).

**CF-5 Faceted Gemstones**, synthetic or other man-made materials; specified types of cut with no two (2) stones of identical cut. No stones may be mounted in jewelry. All stones to be judged. Exactly twelve (12) stones as follows: At least four (4) “Round” Type; at least four (4) “Fancy” Type; plus four (4) of exhibitor’s choice, which may include “Freeform” Type. No stone may be mounted in jewelry. (W)(1)(T20).

C-16-2002

## 13.0 SUBDIVISION CW: ONE TYPE OF WORK

### RULES FOR SUBDIVISION CW

**Rule 13.1** Intarsia Jewelry size. The face of each finished piece is to be flat or domed, but cannot be capped. Pieces may or may not be backed for stability. (Backing on intarsia does not qualify as a doublet). A minimum of four (4) components in each piece.

**Rule 13.2** (For doublets & triplets) **Quality** shall refer to the finished product; under **Workmanship** the bonding agent must not show; there must be no visible air pockets. **Workmanship** shall also include the best use of color pattern and design features, such as plumes, sagenites, and 'stars'

### JUDGING POINTS FOR ONE TYPE OF WORK

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	W
F	5	15	25	55
G		15	25	60

### CLASSES FOR SUBDIVISION CW

**CW-1 Polished flats**, more than one material; minimum twenty (20) maximum thirty (30)  
(F)(2)(T21)

**CW-2 Polished flats**, one material; minimum twenty (20), maximum thirty (30), (F)(2)(T21).

**CW-3 Bookends**, minimum five (5) pairs. (F)(2)(T21).

**CW-4 Spheres**, variety of material, minimum five (5). (F)(2)(T21).

**CW-5 Transparencies.** (F)(2)(T21).

**CW-6 Intarsia**, Jewelry size. A minimum of twenty (20) and a maximum of forty (40) finished pieces per case (G)(1)(T31).

**CW-7 Intarsia**, Picture size. (G)(2)(T31).

**CW-8 Intarsia**, Table Tops. (G)(2)(T31).

**CW-9 Doublets and/or Triplets.** (F)(1)(T21).

**CW-10 Contoured Polished Specimen(s.)** One piece must have minimum measurement of 100 X 150 millimeters. (F)(1)(T21).

**CW-11 Mosaics.** (G)(2)(T31).

**CW-12 Composites**, (must be exhibited in Class CA-3 or CA-8 if all carvings). (F)(1)(T21).

C-17-2009

## **14.0 SUBDIVISION CS: SPECIALTIES**

Please read all Division C Rules.

### **JUDGING POINTS FOR SPECIALTIES**

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	S	Q	W
G	15	25	60

### **CLASSES FOR SUBDIVISION CS**

**CS-1 Specialties** for which no specific class exists in Division C or any of its other Subdivisions.  
(Ash trays, cubes, lamps, miniatures, faceted specialties, etc.) (G)(1)(T21).

C-18-2005

## 15.0 DIVISION D JEWELRY and ART METALCRAFT

Please read all of Section I.

### RULES FOR DIVISION D

**Rule 15.1 Art Metalcraft** refers only to articles intended for general ornamentation and/or service and cannot be worn as jewelry.

**Rule 15.2 Jewelry** refers only to articles intended for personal ornamentation and wear. Examples: rings, tie clasps, earrings, buckles. In jewelry a “set” consists of two or more pieces which can be worn together as a matched set. In this instance, earrings or cuff-links are considered as one piece. Examples of sets are: necklace and earrings, ring and bola tie, cuff-links and belt buckle, pin and earrings and necklace.

**Rule 15.3 All articles of Jewelry or Art Metalcraft** except in Classes D-2, D-3, D-6, D-10, DST-2, DST-3, DST-4, DST-5 or DST-6) must contain at least one of the following: any finished natural or synthetic materials listed in the AFMS “Approved Reference List of Lapidary Material Names”, fossils or mineral specimens, and exotic woods. The materials and specimens will be judged on Quality and Labeling.

**Rule 15.4 Labeling:** all specimens must have labels identifying one or more jewelry techniques. In classes requiring minerals, lapidary materials, exotic woods or fossils the material used must be identified.

Minerals: Species name and variety of species if varietal only. See Rule 2.1.

Lapidary: Name of material only. See Rule 9.3.

Fossils: Common name or Scientific name only. See Rule 18.1.

Exotic woods: Name of material only. Examples: rosewood, ebony, walnut, etc.

Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be one (1) point for each error and not to exceed the total points allowed for labeling in that class. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance where that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling in that class.

D-1-1992

(b) The use of numbers with corresponding lists in lieu of labels is not acceptable and will receive no labeling score.

**Rule 15.5 Variety of Work** shall include the use of castings, applique, engraving, forging, chasing, repousse, spinning, electro-forming, etching, piercing, granulation, metal inlay, scrollwork (including chains), filigree, lamination, fusing, channelwork, enameling, cloisonne, damascening, mokume, wire-wrapping and construction of bezels, prong mountings, hinges and box clasps.

Variety of Work also includes surface finishes such as antiquing, patinas, and other surface coloring, texturing (including florentined surfaces), graving, electroplating, and heat coloring such as copper color-toning and blued steel.

Variety of Work shall include but not be limited to techniques or finishes listed above or in the authorized references. See Rule 15.13.

Points will be awarded for variety of work based on techniques shown and the difficulty of the technique: i.e., Mokume, Nielo, Engraving, etc. should get more points than soldering, stamping, and so forth.

**Rule 15.6 Workmanship** refers to the finish of the metal, precision of fitting stones in mountings, how all ornamentation and lapidary treatment of stones has been executed.

**Rule 15.7 Design:** items should show originality as to the use of old ideas or styles as well as new ideas to create a unique design. In the Specialized Techniques classes the technique in each class should be the dominant feature in each item.

(a) Balance: stone and metal complement; proper balance in design with good use of symmetrical as well as asymmetrical balance.

(b) Practicality: jewelry items by their weight and general construction features should be practical for jewelry usage.

**Rule 15.8 Quality:** only the specimens used in articles of jewelry and metalwork will be judged for quality, according to the respective divisional criteria for Quality.

**Rule 15.9 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features (such as size, neatness, etc.) to create a display which will attract and hold the interest of the viewer upon the specimens exhibited.

D-2-2003

**Rule 15.10** Use of commercial minor findings will be allowed in all classes of this division. Minor findings refer to pins, catches, hinges, ear-screws, chains, cuff-link backs, etc.

Minor accessory stones will be allowed in all classes of this division except D-2 or D-6. Minor accessory stones shall not exceed 4mm in diameter (pearls allowed) and shall not be judged.

**Rule 15.11 Stones not necessarily cut by the exhibitor** will be allowed in Classes D-9, D-10, and DST-6 and will be judged for Quality but not Workmanship.

**Rule 15.12 All Classes in this division must contain a minimum of ten items**

**Rule 15.13 OUT-OF-CLASS** specimens for Jewelry and Art Metalcraft classes are:

- (a) Minerals and materials embedded in plastics.
- (b) Jewelry included in Art Metalcraft classes or Art Metalcraft in Jewelry classes.
- (c) Items with no stones in Classes D-1, D-4, D-5, D-7, D-8, and D-9. Stones, including minor accessory stones, used in Class D-2 or D-6 will be considered OUT-OF-CLASS.
- (d) Items in which accessory stones exceed size limitations.
- (e) A piece of jewelry is considered as **OUT-OF-CLASS** unless the necklace has a chain, the bola a cord, the pin a clasp: however, a belt buckle does not need a belt attached.
- (f) All castings which are cast directly from commercial patterns.
- (g) Tumbled stones.
- (h) items under the imposed minimum of ten.

Deductions for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 15.14 References**

Creative Gold & Silversmithing - Sharr Choate  
Design and Creation of Jewelry - Robert Van Neumann  
Jewelry Concepts and Techniques - Oppi Untracht  
Metal Working Techniques for Craftsmen - Oppi Untracht  
Jewelry Making (for Schools, Tradesmen, Craftsmen) Murray Bovin  
Metal Enameling - Polly Rothenberg  
The Art of Engraving - James B. Meek  
How to Make Wire Jewelry - Fern Jenkins & Viola Thrasher

D-3-2009

## JUDGING POINTS FOR DIVISION D

See Section II Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	VW	W	D
H	15	15	10	15	35	10
S	15	15		15	45	10
X	5	15	20		50	10
Y	5	15	10	10	45	15
Z	5	15		10	55	15
BB	5	10	10		65	10

### CLASSES FOR DIVISION D

**D-1 Art Metalcraft**, with stones. (H)(1)(T24).

**D-2 Art Metalcraft**, without stones. (S)(1)(T24).

**D-3 Art Metalcraft**, with and without stones, in approximately equal proportion. (S)(1)(T24).

**D-4 Jewelry**, mixed types with stones. (H)(1)(T26).

**D-5 Jewelry**, matched sets. (H)(1)(T26).

**D-6 Jewelry**, without stones. (S)(1)(T26).

**D-7 Jewelry**, using cabochons. (H)(1)(T26).

**D-8 Jewelry**, using faceted stones. (H)(1)(T26).

**D-9 Jewelry**, using lapidary materials not necessarily cut by the exhibitor. (H)(1)(T26).

**D-10 Jewelry**, with and without stones, in any proportion. (S)(1)(T26).

D-4-2005

## 16.0 SUBDIVISION DST: SPECIALIZED TECHNIQUES

Please read all of Division D Rules.

**Rule 16.1 Definition** Classes using items of Jewelry or Art Metalcraft or a combination of both, in any proportion, in which every item shows the predominant technique of the class.

Specialized Techniques fall into the following categories:

- (a) Channel Work: articles where the lines of the design have been formed of ribbon wire backed by metal, with spaces between the wires filled with any material, cut to the proper shape, as listed in the AFMS “Approved Reference List of Lapidary Material Names”. In addition, exotic woods may be used. (Glass and plastic are **OUT-OF-CLASS**.)
- (b) Casting is defined as the replacement of a pattern with metal, except drop casting which is a free form. Types include but are not limited to: lost wax, replica, drop casting, sand casting, cuttlebone, and tufa techniques.
- (c) Enameling is the fusing of ground glass onto a metal surface. Techniques include but are not limited to: cloisonne, plique-a-jour, limoge, gressaille, champleve, basse-taille, filigree enamel.
- (d) Engraving is the decorative process of making lines or textures on metal by the use of engraving tools such as gravers, burins, scorpers. It is the removal of metal rather than the indentation of metal.
- (e) Filigree consists of a network of twisted or wound fine metal wire formed into spirals, whorls, curves, etc. and fitted into a framework of wire.
- (f) Wire-wrapping consists of bending, twisting and coiling wire without the use of solder or glue to create a unique design to complement stones, fossils, minerals, or exotic woods in proper balance.

**Rule 16.2 A minimum of ten (10) items are required in all classes.** (Sets of earrings or cuff-links shall be considered one item.) In classes DST-2, DST-4, and DST-5, at least fifty percent (50%) of the items must contain a stone, mineral specimen, fossil or exotic wood.

In Class DST-6, at least 7 of the items must contain a stone, mineral specimen, petrified wood, fossil, or exotic wood.

Variety of work for DST-6 shall include at least eight of the following techniques: over 18 mm stone, under 18 mm stone, two (2) wire wrap, three (3) wire wrap, four (4) wire wrap, one (1) wire prong mount, two (2) wire prong mount, cage mount, free form. One item should use four wires to make outside frame. The exhibitor may also use any technique that is within the scope of wire wrapping. No more than three pieces may contain no stones. All pieces must be durable and wearable.

D-5-2007



**Rule 16.3 OUT-OF-CLASS** items for Subdivision DST are:

- (a) Tumbled stones,
- (b) Plastic,
- (c) Castings from commercial patterns,
- (d) Glass - except in enameling and fused beads or fused cabochons.
- (e) A piece of jewelry is considered as **OUT-OF-CLASS** unless the necklace has a chain, the bola a cord, the brooch a clasp; however, a belt buckle does not need to have a belt attached.
- (f) Specimens under the imposed numerical limitation or percentage limitation. See Rule 16.2.
- (g) Gem Trees

Deduction for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen, to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 16.4 Labeling:** all lapidary material, mineral specimens, fossils, exotic woods must be identified. Additional jewelry techniques, other than the predominant technique of the class, must be identified.

- (a) Casting: all casting processes such as lost wax, replica, drop casting, sand casting, cuttlebone, tufa, etc. must be identified.
- (b) Enameling: all enameling processes such as cloisonne, plique-a-jour, limoge, gressaille, champleve, basse-taille, and filigree enamel must be identified.

**Rule 16.5 Workmanship** refers to the finish of metals, precision of fitting of metals used, execution of ornamentation, freedom from pits and scratches, clarity of transparent enamels, clean color of opaque enamels, no visible solder, uniformity of the winding of filigree whorls and the treatment of materials described in Rule 16.2.

**Rule 16.6 References** References for this Subdivision are listed in Rule 15.13.

D-6-2004

## JUDGING POINTS FOR SPECIALIZED TECHNIQUES

See Section II pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	VW	W	D
X		5	15	20		50 10
Y		5	15	10	10	45 15
Z		5	15		10	55 15
BB		5	10	10		65 10

### CLASSES FOR SUBDIVISION DST

**DST-1 Channel Work** (X)(1)(T25).

**DST-2 Casting** (Y)(1)(T25).

**DST-3 Enameling** (Z)(1)(T25).

**DST-4 Engraving** (Y)(1)(T25).

**DST-5 Filigree** (Y)(1)(T25).

**DST-6 Wire-wrapping** (BB)(1)(T25)

D-7-2005

## 17.0 DIVISION E EDUCATIONAL

Please read all of Section I.

### RULES FOR DIVISION E

**Rule 17.1** The goal of an Educational exhibit is to correctly teach and/or inform an observer concerning some skill or craft, or concept, pertaining to the hobby. Because of the wide variety of subjects available to the exhibitor, and the fact that the viewing audience may be the general public and/or informed hobbyist, the judging emphasis shall be on **HOW WELL** the display teaches and/or informs the Audience for whom it is intended.

**Rule 17.2 Class Choice Required.** The exhibitor shall have declared the audience and purpose for the exhibit by the choice of Subdivision and Class.

#### **Rule 17.3 Audience Defined.**

Exhibits for **General Audience** are exhibits aimed at correctly informing and/or teaching the general public.

Exhibits for an **Informed Audience** are exhibits aimed at the person who already has some specialized knowledge concerning the basic facts or definitions presented in the exhibit, in order to enlarge their knowledge or present an unusual aspect or special area of interest within the hobby.

#### **Rule 17.4 Purpose Defined.**

Exhibits whose purpose is to **Teach a Skill or Craft** are those exhibits which show and/or explain step by step methods of making an object or performing a specific task.

Exhibits whose purpose is to **Teach or Inform About a Concept** are those exhibits which show and/or explain a concept within the hobby.

**Rule 17.5 Educational Value** is defined as the clarity, effectiveness and excellence of the exhibit in Carrying out its purpose. Aspects to be considered under Educational Value are: a clear statement of theme, concise definitions of terms, and accuracy of an organized presentation within the limits of defined audience and allowable space.

**Rule 17.6 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling to create a display which will have sufficient impact to catch the eye and attract and hold the interest of the audience for who it is intended.

E-1-1992

### **Rule 17.7 Labeling**

- (a) While the labels must include information and data needed to realize the educational potential of the exhibit, the completeness and clarity of such shall be considered under Educational Value.
- (b) Neatness, size of labels, etc., shall be considered under Showmanship. See Rule 17.6.
- (c) Deductions for labeling errors (illegibility and incorrect spelling) shall be one (1) point for each error and not to exceed fifteen (15) points. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized one (1) point for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling.
- (d) Specific misinformation will be penalized under Educational Value. See Rule 17.5.

**Rule 17.8 Originality Of Approach And/Or Material** is defined as the uniqueness and freshness of the educational view presented by the exhibitor, and the use of original rather than directly copied material.

### **Rule 17.9 Ownership And OUT-OF-CLASS.**

- (a) The exhibitor may use materials whose workmanship is not his own, or may use essential items which he has borrowed. Ownership and workmanship provisions of Section I, Part I, Rule 1.0 do not apply in this division.
- (b) Materials listed as **OUT-OF-CLASS** in other divisions may be used in Educational exhibits but must be correctly labeled.

### **JUDGING POINTS FOR DIVISION E**

See Section II Pages S-II-1-2003 and S-II-2-2005

Category	L	S	EV	O/A
J	15	25	50	10

E-2-2005

## **CLASSES FOR DIVISION E**

### **SUBDIVISION EGS: GENERAL AUDIENCE/SKILL OR CRAFT**

**EGS-1 Mineral** (J)(2)(T27).

**EGS-2 Lapidary** (J)(2)(T27).

**EGS-3 Jewelry and Art Metalcraft** (J)(2)(T27).

**EGS-4 Fossil** (J)(2)(T27).

**EGS-5 Other:** some aspect of the hobby other than those named above, or a mixed exhibit. (J)(2)(T27).

### **SUBDIVISION EGC: GENERAL AUDIENCE/CONCEPT**

**EGC-1 Mineral** (J)(2)(T28).

**EGC-2 Lapidary** (J)(2)(T28).

**EGC-3 Jewelry and Art Metalcraft** (J)(2)(T28).

**EGC-4 Fossil** (J)(2)(T28).

**EGC-5 Other:** some aspect of the hobby other than those named above, or a mixed exhibit. (J)(2)(T28)

E-3-1992

## **SUBDIVISION EIS: INFORMED AUDIENCE/SKILL OR CRAFT**

**EIS-1 Mineral** (J)(2)(T29).

**EIS-2 Lapidary** (J)(2)(T29).

**EIS-3 Jewelry and Art Metalcraft** (J)(2)(T29).

**EIS-4 Fossil** (J)(2)(T29).

**EIS-5 Other:** some aspect of the hobby other than those named above, or a mixed exhibit. (J)(2)(T29).

## **SUBDIVISION EIC: INFORMED AUDIENCE/CONCEPT**

**EIC-1 Mineral** (J)(2)(T30).

**EIC-2 Lapidary** (J)(2)(T30).

**EIC-3 Jewelry and Art Metalcraft** (J)(2)(T30).

**EIC-4 Fossil** (J)(2)(T30).

**EIC-5 Other:** some aspect of the hobby other than those named above, or a mixed exhibit. (J)(2)(T30).

## 18.0 DIVISION F FOSSILS

Please read all of Section I.

### RULES FOR DIVISION F

#### Rule 18.1 Labeling

(a) All specimens shall have labels showing the following 6 items in any uniform sequence:

1. Common name. When a single part of a fossil is used, the common name shall include that part.  
Examples: trilobite pygidium, shark tooth, elm leaf.
2. Period (epoch for Cenozoic).
3. Locality (for U.S. - area and state; for Canada - area and province or territory; for other foreign countries, merely use the country name).
4. Phylum (animals) or Division (plants).
5. Class or subclass (animals) or Subdivision or class (plants).
6. Scientific name (genus and species).

NOTE: The proper method of writing the scientific name is to capitalize only the first letter in the genus, but to write the specific name all in lower case letters. Both words must be underlined separately or italicized. EXAMPLE: Phacops rana or *Phacops rana*.

Some fossils have not yet been placed in a genus. When the fossil has not been placed in one of the classification categories (phylum, class, genus or species) the word “undescribed” or another appropriate term should be used in place of the classification.

When the exhibitor has not described the fossil as to species, sp. must follow the genus name. EXAMPLE: Achistrum sp. or (*Achistrum*) sp. The sp. is never capitalized, italicized or underlined. It will be permissible to use the sp. when, after research, the exhibitor is unable to determine the species, but he must realize that he will be considered in error if the judge can name the species or tell the exhibitor in what reference the name may be found.

(b) A single group label may be used to show information common to all specimens or groups of specimens. Each error on such a group label will be considered a single error. For example, brachiopods may be grouped under a "brachiopod" label. Class F-9 (Fossils from One Rock Unit), fossils from one locality may be grouped under an appropriate locality label.

(c) Such factors as neatness, size of and placement of labels for viewing will be considered under Showmanship. Additional information will be judged for accuracy, and any errors will be penalized the same as errors in required information.

(d) Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be two (2) points for each error and not to exceed the total points allowed for labeling in that class. Consistent errors (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling in that class.

(e) The use of numbers with corresponding lists in lieu of labels is not acceptable and will receive no labeling score.

(f) When a specimen to be judged is attached to a host specimen, the name of the host specimen may or may not be shown. If shown, the host specimen will be identified as host and will not be judged.

Rule 18.2 Variety of material shall refer primarily to variety of life forms and time units represented in the exhibit (subject to limitations of the exhibit). The nature of the exhibit will determine other variety criteria.

EXAMPLES: Variety of localities and formations would be required in Fossils from One Time Unit (Class F-6). Fossils from One Rock Unit (Class F-9) would be judged on variety of localities when that unit occurs in more than one area.

Variety of replacing materials will enhance a fossil display.

Exhibits should include a sufficient number of specimens to illustrate a good, representative variety.

1. Variety of life forms in Classes F-1, F-2, F-3, F-4, F-5, FT-1, Fm-1 and FC-1 will be judged on the variety of major life forms as defined in the current AFMS Fossil List (phyla in invertebrates, class in vertebrates, and taxa for plants) within the limits of the class entered.

F-2-2000



If the exhibit contains more specimens than the possible number of phyla (and/or divisions), variety of life forms shall also be based on variety of classes and subclasses (subdivisions and classes for plants); then, if necessary, on variety of orders, families, etc.

EXAMPLE: If an invertebrate exhibit contains one specimen more than the possible number of phyla, two gastropods should not be shown. A pelecypod, scaphopod or cephalopod could be shown if the other mollusk is a gastropod.

2. Variety of life forms in Restricted Classes F-6, F-7 F-8, F-9, F-10, FM-2, FT-2, and FC-2 will be judged in comparison to the complete variety of life forms (to level of species) obtainable within the limits of the exhibit entered.

EXAMPLE #1: In an exhibit of one family, two different species of one genus should not be exhibited until all the genera are represented.

EXAMPLE #2: In an exhibit of Scientist's Cliffs, Maryland fossils (Miocene), absence of trilobites and graptolites would not be penalized since they do not occur in the Miocene.

3. Complete exhibits of special parts shall not lose points for lack of other parts.

EXAMPLE: Plant reproductive structures, plant leaves, shark teeth.

(b) Variety of Time Units.

1. Variety of time units in Classes F-1, F-2, F-3, F-4, F-5, FT-1, FM-1 and FC-1 will be judged on how many of the 16 required periods and epochs are represented in the exhibit.

The required periods are:

Cambrian, Ordovician, Silurian, Devonian, Mississippian, Pennsylvanian, Permian, Triassic, Jurassic, and Cretaceous; required epochs are: Paleocene, Eocene, Oligocene, Miocene, Pliocene and Pleistocene.

NOTE: Fossils older than Cambrian are not required, but if used should be labeled as Precambrian. (Precambrian is an era of time.)

2. Variety of time units in Restricted Classes F-6, F-7, F-8, F-10, FM-2, FT-2, and FC-2 will be judged in comparison to the complete variety of the time units obtainable within the limits of the class entered.

EXAMPLE #1: Trilobites - Cambrian to Permian.

EXAMPLE #2: Ordovician Fossils - Variety of Time Units not applicable or considered.

**Rule 18.3 Quality** of specimens shall refer to: perfection of the life forms as shown in the fossil state, freedom from excess foreign material, skill in preparation, skill in repair and preservation of the specimen, and ease of identification by the external form.

**Rule 18.4 Rarity** A specimen shall be considered rare if the particular genus, or species, is seldom found in that locality or formation. In a display representing one locality or formation, rarity shall be based upon what is available at that locality or in that formation. If references do not list current availability, or the exhibitor's Reference List does not indicate that rarity, the judges decision shall be final.

**Rule 18.5 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, labeling, and sufficiently attractive specimens to create a display which will attract and hold the interest of the viewer upon the specimens exhibited. Showmanship will also include additional (not required) information designed to make the exhibit more interesting and educational.

**Examples Of Additional Information:** subgenus, subspecies, name of the author of the species, formation, listing of replacing materials, exact locations. This kind of additional information may be included in the Reference List instead of being used on the labels. See Rule 18.8(c).

**Rule 18.6 OUT-OF-CLASS** shall include each specimen:

- (a) Over an imposed size limitation,
  - (b) Not of the type specified for the class,
  - (c) Not a valid fossil,
  - (d) Specimens over or under the imposed number limitation, except as allowed in Rule 18.7(b).
- Deduction for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 18.7 Duplication**

- (a) Specimens are not duplicates if the species, subspecies, or recognized variety is different for each labeled specimen or specimens. See Part (b).
- (b) No deduction will be made for multiple specimens of the same species displayed so as to show different specific details, habits or behavior patterns **IF** they are grouped together and identified by one label.
- (c) Matrix with multiple specimens of one species will not be charged with duplication, but excess matrix may adversely affect the Showmanship score. The exhibitor should indicate in some manner which fossil is to be judged if it is not obvious.
- (d) Each additional specimen of an identical species subspecies or variety will be considered one duplication.
- (e) Two (2) points shall be deducted from the TOTAL score awarded the exhibit for each duplication.

**Rule 18.8 Authorized References are:**

- (a) For phyla, divisions, subdivisions, classes, subclasses and common names: the AFMS' Fossil List'. This list also explains the accepted use of other reference material.
- (b) For time and rock unit names, if used: United States Geological Survey and state geological survey reports or any geological publication.
- (c) For scientific name: since no single reference will identify all fossils to genus and species, the exhibitor will identify his specimens using the best scientific authority available. Dealer references alone are not acceptable.

**Rule 18.9 Reference List of Scientific Names** The exhibitor must post **OUTSIDE** his case information relative to his specimens. This may be a list, a notebook, file cards, posters, etc. Information must include a list showing where he obtained the scientific name for each specimen - the name of a publication or article, the author, date of publication, page number and plate and figure number of any illustrations. Reproduced copies of pages may also be used. It is preferable to cite a publication for each name, but if the exhibitor was unable to find a published reference for that fossil he must give the name of the individual or institution who identified the specimen for the exhibitor. This individual, or institution, should be an authority in the field of Paleontology and in the Phylum that is shown. Other information pertinent to the fossils may be included - maps of areas; Variety of Material (localities, formation, life forms, time units) (See Rule 18.2.); Quality of specimens or specimen preparation (how and why) (See Rule 18.3.); Rarity - what is rare, with reasons; replacing minerals, if any, etc. (See Rule 18.4.); anything that is of help to the exhibitor, to the judges, and to the viewing public. (The exhibitor may desire to have available a duplicate copy of his information, as well as other reference books.)

A total of five (5) points shall be assigned to the Reference List; the number of points earned shall depend upon the completeness and accuracy of the list, which will not be judged for spelling errors.

If the exhibitor chooses to use a classification system different from any listed in the AFMS "Fossil List", the reference(s) must be cited in the Reference List.

### **JUDGING POINTS FOR DIVISION F**

See SECTION II, PAGES S-II-1-2003 and S-II-2-2005

Category	L	S	Q	R	O	W	VM	SP	RL
K	30	10	30	5			20		5
N	30	5	20	5	5	10	20		5
L	25	10	25	5			15	15	5

## CLASSES FOR DIVISION F

**F-1 Animal Fossils**, in approximate proportion of four invertebrates to one vertebrate. (K)(2)(T32).

**F-2 Vertebrate Fossils** (K)(2)(T32).

**F-3 Invertebrate Fossils** (K)(2)(T32)

**F-4 Plant and Animal Fossils**, in approximate proportion of four invertebrate, one vertebrate and two plants. (K)(2)(T32).

**F-5 Plant Fossils** (K)(2)(T32).

**F-6 Fossils from One Time Unit** (Era, period or epoch, such as Paleozoic, Permian or Miocene). (K)(2)(T32).

**F-7 Fossils from One Classification Unit**, Examples: phylum or division, class, family, genus, such as Arthropoda, Trilobita, Illaecidae, Bumastus. (K)(2)(T32).

**F-8 Fossils from One Locality** (K)(2)(T32).

**F-9 Fossils from One Rock Unit** (group, formation, member, bed, etc.) (K)(2)(T32).

**F-10 Specialized Fossils** includes one category from each of the two (2) following groups:  
(K) (2) (32)

**Group 1: One Classification Unit** (kingdom, phylum subphylum, super-class, class, family, genus. Invertebrates also considered a unit.)

**Group 2: One Locality, or One Time Unit, or One Rock Unit.**

EXAMPLES: Vertebrate Fossils from Calvert County, Maryland  
Mississippian Crinoids  
Brachiopods from the Silica Formation

ADDITIONALLY, ONE (1) category from either Group 1 or Group 2 may be added to more accurately define the exhibit.

EXAMPLE: Trilobites and Brachiopods from the Bromide Formation

Restrictions shall be documented in the Reference List. See Rule 18.9.

F-7-2003

## 19.0 SUBDIVISION FT: THUMBNAIL FOSSILS

Please read all Division F Rules.

### RULES FOR SUBDIVISION FT

**Rule 19.1 A Thumbnail** is defined as any specimen displayed so that it will fit into a one inch cube. See Rule 2.11. Micromounts will be considered OUT-OF-CLASS in thumbnail display.

**Rule 19.2 Thumbnails** may be displayed either in or out of boxes.

**Rule 19.3** Thirty-five (35) specimens are to be shown.

### JUDGING POINTS FOR THUMBNAIL FOSSILS

See Section II, Pages S-II-1-2003, S-II-2-2005

Category	L	S	Q	R	VM	RL
K	30	10	30	5	20	5

### CLASSES FOR SUBDIVISION FT

**FT-1 Thumbnail Fossils**, General Classes equivalent to any one of the following Classes: F-1, F-2, F-3, F-4, F-5. (K)(1)(T33).

**FT-2 Thumbnail Fossils**, Restricted Classes equivalent to any one of the following Classes: F-6, F-7, F-8, F-9, and F-10. (K)(1)(T33).

The exhibitor shall clearly state which fossil class the exhibit represents.

EXAMPLE: Class FT-2 (F-8)

F-8-2005

## 20.0 SUBDIVISION FM: MICROMOUNT FOSSILS

Please read all Division F rules.

### RULES FOR SUBDIVISION FM

**Rule 20.1 Micromounts** are specimens in which the details are so small as to require magnification to identify and evaluate the specimen.

Micromount specimens shall be of a size no larger than will fit into a one inch cube. See Rule 2.11.

Any appropriate mounting such as boxes, cubes micropaleontology slides or pedestals may be used. Labeling information may be recorded on the paper surface of each slide, or separate labels may be prepared.

(c) Micromount exhibits shall contain 35 mounts in this subdivision.

(d) Evaluation of the exhibit shall be based upon the microscopic examination of all mounts.

**Rule 20.2 Workmanship** refers to the ability of the exhibitor to display the intended material with the least amount of distraction from the central point of interest, e.g., lack of glare or roughness of boxes, no glue showing, pedestal not visible when viewing specimen, excess matrix trimmed from specimen, etc.

**Rule 20.3 Orientation** refers to the proper positioning and angulation of the specimen so that the central point of interest may be observed without necessitating further movement of the mount than to place it in focus under the microscope.

**Rule 20.4 Showmanship** Any method which will enable the viewer to better visualize the micromounts will be considered, i.e., photographs, drawings, magnification, models of the fossils. (In this situation, plastic or plaster models will not be considered **OUT-OF-CLASS.**) See Rule 18.5 for more details.

**Rule 20.5 Exhibitor** must leave display case keys and a copy of the Reference List with the Rules Chairperson or assistant prior to the time of judging, or arrange to open the case when necessary. See Part I, Rule 3.9.

## JUDGING POINTS FOR MICROMOUNT FOSSILS

See Section II, Pages S-II-1-2003, S-II-2-2005

CATEGORY	L	S	Q	R	O	W	VM	RL
N	30	5	20	5	5	10	20	5

### CLASSES FOR SUBDIVISION FM

**FM-1 Micromount Fossils**, General Classes equivalent to any one of the following Classes: F-1, F-2, F-3, F-4, F-5. (N)(1)(T34).

**FM-2 Micromount Fossils**, Restricted Classes equivalent to any one of the following Classes: F-6, F-7, F-8, F-9, and F-10. (N)(1)(T34)

The exhibitor shall clearly state which fossil class the exhibit represents. EXAMPLE: Class FM-1 (F-3)

F-10-2005



## 21.0 SUBDIVISION FC: FOSSILS COLLECTED IN THE FIELD BY THE EXHIBITOR

Please read all Division F Rules.

### RULES FOR SUBDIVISION FC

**Rule 21.1** All fossils displayed in this subdivision must have been collected in the field by the exhibitor.

**Rule 21.2** If thumbnail or micromount fossils are exhibited in the FC Subdivision then a minimum of twenty-five (25) and a maximum of thirty-five (35) specimens are to be shown.

### JUDGING POINTS FOR PERSONALLY COLLECTED FOSSILS

See Section II, Pages S-II-1-2003, S-II-2-2005.

Category	L	S	Q	R	O	W	SP	VM	RL
	L	25	10	25	5		15	15	5

### CLASSES FOR SUBDIVISION FC

**FC-1 Fossils Collected in the Field by the Exhibitor, General Classes** equivalent to any one of the following Classes: F-1, F-2, F-3, F-4, and F-5. (L)(2), and FT-1 (L)(1), and FM-1. (L)(1)(T35).

**FC-2 Fossils Collected in the Field by the Exhibitor, Restricted** Classes equivalent to any one of the following Classes: F-6, F-7, F-8, F-9, and F-10 (L)(2), and FT-2 (L)(1), and FM-2. (L)(1)(T35).

The exhibitor shall clearly state which fossil class the exhibit represents.

EXAMPLE: Class FC-1 (F-1) or Class FC-2 (F-9).

F-11-2005

## 22.0 DIVISION G PETRIFIED WOOD and/or WOOD CASTS

Please read all of Section I.

### RULES FOR DIVISION G

#### Rule 22.1 DEFINITIONS

- (a) Any material that was originally plant life (except algae and fungi), and can be identified as such, that has been penetrated or replaced by a mineral deposit will be considered as **Petrified Wood and/or Wood Casts** for the purpose of displaying in this division.
- (b) **Wood Casts** should show an association with the original plant, however, some do not but are recognized as wood casts by wood collectors when they come from well known areas such as Texas Springs, Nevada; Crooked River, Oregon; Eden Valley and Blue Forest, Wyoming; and Tom Miner Basin, Montana; etc.
- (c) **Special Features:**
- (1) Associated parts of a living tree or plant life that have been preserved and are identifiable in petrified wood such as but not limited to seeds, bark, grain, stress, nuts, fruits, cones, knots, branching, hearts, etc.
  - (2) Objects formed during the process of petrification such as but not limited to dendrites, banding, fortification, mineralization, encasement in algae.
  - (3) Items such as penetration of the wood material prior to or during petrification such as but not limited to fungus rot, holes created by worms, insects or other borers.
- (d) **Flat** refers to the polished surface of the specimen, which shall be flat with sharp edges. The specimen may include rounds, slabs, wedges, or irregular pieces.
- (e) **Contoured:** refers to the shape of the polished surface, e.g., an end of a specimen rounded, or the surface of a curving or irregular shaped specimen.
- (f) **Model:** an assembly of parts or pieces, with or without lapidary treatment, into an object, replica, copy, etc.
- (g) **Duplication** refers to specimens when it is apparent from the shape, size and/or color pattern they have been cut from one larger piece, e.g., a number of rounds cut from one section of wood. A specimen cut crosswise the grain and another cut lengthwise the grain from the same material showing different growth patterns would not be considered as duplication. A specimen cut with one half showing the outside and the other the inside would not be considered duplication.

G-1-2000

## Rule 22.2 Labeling

- (a) A larger Central Label should state **Petrified Wood, Wood Casts** and/or **Petrified plant life**, as appropriate.
- (b) Specimen labels shall also show the locality of origin (state if in the U.S., country, if foreign - current name preferred, previous name accepted) In classes **G-1** through **G-5**. If the case includes more than one of the categories listed in Rule 22.2 (a) (e.g. both petrified wood, wood casts, or petrified plant life the specimen labels shall show the category.
- (c) A grouping of one type of material from the same locality need have only one label. If the display shows petrified wood, or wood cast, or other type of petrified plant life, the label shall state **petrified wood, or wood cast**, or **petrified plant life** as appropriate, in addition to the locality. Where no correct label information is given, no labeling points shall be awarded.
- (d) In class G-8 and G-10 the smaller label for each specimen shall state whether the specimen is **petrified wood, wood cast** or **petrified plant life**, the **feature**, and the **locality of origin**, as in Rule 22.2 (b).
- (e) Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be one (1) point for each error and not to exceed the total points allowed for that class in Classes G-1 through G-7 and G-9. In Class G-8 deductions for labeling errors shall be two (2) points for each error and not to exceed the total points allowed for labeling in that class. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) the points allowed for labeling in that class.

## Rule 22.3 OUT-OF-CLASS specimens for this division are:

- (a) Specimens embedded in or coated with plastics or resins,
- (b) Duplications, (See Rule 22.1(g)),
- (c) Specimens under the imposed number limitation,
- (d) Any material other than that defined in Rules 22.1(a), 22.1(b), and/or 22.1(c) shall be **OUT-OF-CLASS**.
- (e) Any cabochon without evidence of cellular structure.
- (f) Any tumbled stones.

Deductions for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 22.4 Workmanship** refers to the shaping, symmetry and polish of the material; to perfection of polished flat surfaces (not rounded); to shaping and surface finishing of carvings and contoured specimens; and to variety of shapes of cabochons.

G-2-2007

**Rule 22.5 Quality** shall refer to freedom from extraneous material on specimens; freedom from flaws and excessive fractures; to quality of petrification (porous spots); color contrasts typical to locality of specimens; and other common characteristics of petrified wood.

**Rule 22.6 Preparation** the use of resins or epoxies to seal fractures common to petrified (fossilized) woods is acceptable, but **must not** be used as a surface finish.

**Rule 22.7 Showmanship** shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting, arrangement, and labeling features (such as size, neatness, etc.) to create a display which will attract and hold the interest of the viewer upon the specimens exhibited.

**Rule 22.8 Variety of Material** refers to the difference of species of woods, agatization or opalization of a species, color, and cast or replacement. Variety of Material shall be judged consistent with the scope of the display.

## JUDGING POINTS FOR DIVISION G

See Section II, Pages S-II-1-2003 and S-II-2-2005

Category	L	S	Q	W	VM	SF
C	5	15	15	65		
F	5	15	25	55		
I	5	15	35	35	10	
P	5	10	45		30	
Q	5	10	10	65	10	
R	20	15	25			40

## CLASSES FOR DIVISION G

**G-1 Polished Flats.** Ten (10) specimens minimum. (I)(2)(T38).

**G-2 Polished Flats and/or Contoured Specimens.** Ten (10) specimens minimum. (I)(2)(T38).

**G-3 Cabochons,** any style, none mounted. Twenty-five (25) specimens minimum. (F)(1)(T22).

**G-4 Cabochons,** any style, with a piece of rough specimen showing cut surface from which the cabochon was taken. Rough material **NOT** to be judged. No cabochons mounted. Fifteen (15) cabochons minimum. (F)(1)(T22).

G-3-2005

**G-5 Bookends and/or Spheres.** A pair of bookends or a single sphere will be considered as one (1) unit. Five (5) units minimum. (F)(2)(T38).

**G-6 Diorama or Carvings** any size, no minimum. (Q)(2)(T23).

**G-7 Models**, any size, no minimum. (C)(2)(T23).

**G-8 Special Features.** This class is for the displaying of specimens of this division which are unusual by having associated special features. Lapidary treatment may be used to reveal the special features within the specimen but **MUST NOT** be judged. Points awarded for variety of special features will be in direct proportion to the number of specimens exhibited, e.g., twelve (12) specimens, three and one third (3 1/3) points, sixteen (16) specimens, two and one half (2 1/2) points, or twenty (20) specimens, two (2) points, for each variety not to exceed the total points awarded for variety of special features. Twelve (12) specimens minimum. See Rule 22.1(c). (R)(2)(T13).

**G-9 Carving:** one carving, any size. (C)(2)(T23).

**G-10 Petrified Wood, Wood Casts and/ or Petrified Plant life.** This class is for displaying specimens of Petrified Wood, Wood Casts, and/or Petrified Plant Life (such as seeds, cones, buds, nuts, etc.), in a natural state or with lapidary treatment to enhance or reveal features within the specimen. The emphasis is on the quality of the specimens, ie. degree of petrification, freedom from excessive fractures, special features, color and variety of material. Variety of Material shall refer to different species of specimens, specimens from different locations, specimens with features that are not typical for that location, and the variety of replacement materials. Minimum of Ten 10 specimens. (P)(2) (T13)

G-4-2008

## **RULES FOR DIVISION H**

Please read **all of section 1**

**Rule 24.1 SCRIMSHAW DEFINED.** Refers to a material scribed or scratched to create a scene or picture, with a monotone or multicolor substances rubbed into the indentions to create contrast. When entering this category the exhibitor certifies that only traditional hand techniques have been used in preparing the scrimshaw i.e. no mechanical turning, vibrating or heat emitting tools have been used in creating the exhibited scrimshaw.

**Rule 24.2 LABELS.** All pieces in the case must be labeled to identify material, type of coloration and technique (scribing or engraving). 5 points off for any item not labeled to a total of 10 points.

**Rule 24.3 DESIGN.** Items should show originality in both traditional and new design styles to create unique designs. Scrimshawed artifacts made by the exhibitor may be entered as purely pictorial pieces of work, however, no piece may be exhibited if done on an unaltered cast object such as a spoon or a fake whales tooth. (i.e. -the base piece upon which the scrimshaw is done should be a product of the exhibitor, but cast sheet such as Plexiglas or white Lucite may be used if sized and framed by the exhibitor).

**Rule 24.4 WORKMANSHIP.** Refers to the intricacy of the piece, the quality of the general scribing/ engraving, the finish on the base piece with the use of monotone or multi-coloration.

**Rule 24.5 DIFFICULTY OR VARIETY.** All cases shall be judged for quality and difficulty (one piece), or quality and variety (more than one piece). artist has choice of material. This category is to recognize the materials chosen for the piece represented. Materials may be mixed within the same case. The use of unfamiliar new materials is encouraged. There is no specified point penalty for duplication of materials in this category.

**Rule 24.6 OUT-OF-CLASS.** All contemporary ivory (already banned by the AFMS) and related materials banned by the Federal Government or by specified state or local laws are therefore illegal and any exhibit using this material will be disqualified. Ivory guidelines will derive from information from US Government authorities. Cast work materials or surface coloration of materials is ruled **OUT-OF -CLASS**. 5 points will be deducted from the total score for each **OUT-OF CLASS** item.

**H-1-2007**

**Rule 24.7 INSPECTION.** If deemed necessary, pieces may be removed from the case for inspection, either for technique or of materials. Any violations of banned techniques (see rule 24.1), may be penalized 5 points for each violation. See Section I Part I Rule 3.9.

**Rule 24.8 References** The current AFMS “Approved Reference List of Lapidary Material Names” is the authority for lapidary names.

## **JUDGING POINTS FOR DIVISION H**

See Section II, Page S-II-1-2003 and S- II-2-2005

Category	L	S	D	W	D/V
CC	10	10	10	60	10

## **CLASSES FOR DIVISION H**

**H-1 Single (monotone) coloration,** mixed or single material, minimum five 5,  
Maximum fifteen 15. (CC) (1) (T36)

**H-2 Multiple coloration,** mixed or single style in case, minimum five 5, maximum  
Fifteen 15. (CC) (1) (T36)

**H-2-2005**

## 23.0 DIVISION UV FLUORESCENT MINERALS

Please read all of Section I.

### RULES FOR DIVISION UV

**Rule 23.1 Labeling.** All fluorescent response minerals must be labeled. All labels placed inside the case must be legible under both ultraviolet and white light. Labels placed outside the case must be legible only under white light.

(a) At the option of the exhibitor, labeling information may be:

(1) Placed with the specimens inside the case,

(2) The specimens may be identified by a number or a letter inside the case with labeling information posted on a list outside the case. The identifying number or letter in the case also shall be part of the list.

(b) Labeling information shall include the following:

(1) Name of all fluorescent minerals, as listed in one of the authorized references. The name of fluorescent minerals to be judged shall be in upper case (capital) letters; fluorescent minerals not to be judged shall be in lower case (or small upper case) letters. (Non-fluorescent minerals may be listed in parentheses on the labels but will not be considered in judging.

(2) Locality of origin (if in U.S., state and one or more of the following: county, area, district, city or parish; if foreign, country and one or more of the following: prefecture, department, district, city, county, territory, area, canton, or province. Current name preferred, previous name accepted.

(3) Fluorescent response (color). (color name shall not be judged).

(c) Additional information, such as the names of essential constituents or the chemical formula, name of the mine, district, etc., phosphorescence, activators etc., is desirable but not mandatory. Any additional information desired may be placed on the label and will be judged.

UV-1-1992



(d) Deductions for labeling errors (illegibility; incorrect spelling, information or identification; and/or lack of required information) shall be two (2) points for each error and not to exceed the total points allowed for labeling in that class. **CONSISTENT ERRORS** (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized the number of points for a single error for each instance of each consistent error up to a limit of one-half (1/2) of the points allowed for labeling.

(e) Judges shall consider such factors as neatness, size of label, presentation of information, etc., under Showmanship.

**Rule 23.2 Showmanship.** Contents of the exhibit in the case shall be judged **ONLY** under ultraviolet (UV) light and shall include the arrangement and color balance, neatness of presentation and labels, as well as the ability to create a display which will attract and hold the interest of the viewer. Labels outside the case shall be judged for neatness under white light as part of the showmanship consideration.

**Rule 23.3 Quality under UV Lights.** Quality shall be judged **ONLY** under fluorescent (UV) light. Quality refers to fluorescent color or shades of one color, pattern, and combination of colors in each specimen and intensity of reaction. Freedom from excess foreign material and the amount of identified material that is visible shall be judged under Quality; however, the condition of crystals (freedom from bruises and flaws), crystal arrangement, etc., shall not be considered under Quality.

**Rule 23.4 Variety of Material.** Consideration in this category should be given to the variety of fluorescent minerals and fluorescent responses. Only variety of response will be considered in Class UV-6.

**Rule 23.5 OUT-OF-CLASS** Specimens for Fluorescent Minerals are:

(d) Duplication, (Duplication penalties shall be assessed only when the fluorescent mineral content, fluorescent colors, and fluorescent color patterns are similar in specimens from the same locality). All fluorescent responses (judged and not judged) shall be considered in determining duplication.

UV-2-1992

- (b) Specimens dyed, painted, coated, synthetic, or commercially manufactured.
- (c) Specimens under or over the imposed number limitation.
- (d) Specimens over the imposed percentage limitation for cut polished, faceted or otherwise modified specimens.

Deduction for **OUT-OF-CLASS** specimens shall be five (5) points for each **OUT-OF-CLASS** specimen, to be deducted from the **TOTAL** score awarded the exhibit.

**Rule 23.6.** Specimens may be rough or cut, polished, faceted or otherwise modified fluorescent minerals, except that the cut, polished, faceted or otherwise modified specimens shall not exceed 25% of the number of specimens displayed, except in Class UV-5. Spheres, cabochons or other polished shapes shall be judged for fluorescence only. Imperfections in the polish or finish shall not be judged. A minimum of ten (10) and a maximum of thirty-five (35) specimens may be shown.

**Rule 23.7.** All fluorescent displays shall have the capability of showing fluorescent minerals under white light and under ultraviolet light. Manually operated switches may be used. A turntable or other moving display is permitted. Provision must be made so that the timer and all motion can be stopped at any necessary position for judging under both white light and fluorescent stimulation.

**Rule 23.8 References:** (The latest editions of the following)

The AFMS “Mineral Classification List”.

The AFMS “Approved Reference List of Lapidary Material Names”.

Michael Fleischer’s “Glossary of Mineral Species”, for shows in each calendar year, that edition with revisions, current as of January 1 of that year.

“The Collectors Book of Fluorescent Minerals” by Manuel Robbins.

“The Henkle Glossary of Fluorescent Minerals”,

Journal of the Fluorescent Mineral Society, vol. 15

All species or variety of species names listed as valid in the references (irrespective of listed order) will be acceptable.

UV-3-1992

**Rule 23.9.** Only fluorescent Responses shall be considered in judging of UV exhibits. Phosphorescence and other phenomenon shall not be considered in judging in this category.

## **JUDGING POINTS FOR FLUORESCENT MINERALS**

See Section II, Pages S-II-1-2003 and S-II-2-2005.

Category	L	S	Q	VM
P	10	15	45	30

## **CLASSES FOR DIVISION UV**

**UV-1 Short-wave fluorescent minerals.** Specimens that fluoresce best under short-wave ultraviolet. Not more than 50% of specimens to be from one location. (P)(1)(T39).

**UV-2 Long-wave fluorescent minerals.** Specimens that fluoresce best under long-wave ultraviolet. Not more than 50% of specimens to be from one location. (P)(1)(T39).

**UV-3 Short-wave and long-wave fluorescent minerals.** Any combination of specimens that fluoresce under short-wave, long-wave, or both short and long-wave ultraviolet. (P)(1)(T39).

**UV-4 Minerals from one location** (such as the Franklin, N.J. area). (P)(1)(T39).

**UV-5 Fluorescent specimens** that are cut, polished, faceted, or otherwise have received lapidary treatment. (P)(1)(T39).

**UV-6 One mineral species** consisting of different short wave and/or long wave fluorescent responses. (P)(1)(T39)

UV-4-2005