DEPARTMENT 16
NATURAL SCIENCE

Judging: Monday, 2:00-7:30 PM

RULES:
1. All members exhibiting in a Natural Science project may enter Lot 108 under Class I – Environmental-Recycling on page 44.
2. For posters, please see poster regulations on page 22.
3. No migratory feathers, nests or eggs allowed for exhibition.

Class A—Study of Birds

Premium for lots 101-106	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Exhibit of at least 5 - 10 birds, drawings or cut-outs identified by member. Properly labeled. Food habits, Migratory habits, habitat, and nesting habits of each bird included.
102. Picture or Drawing, bird parts
103. Two different single unit bird houses for wren, bluebird, tree swallow, or one martin house
104. Two different bird feeders
105. Exhibit, bird observation sheets (at least six)
106. Any other bird related exhibit

Class B—Fishing

Premium for lots 101-111	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Exhibit showing 10 fish of Wisconsin (properly identified)
102. Exhibit of 10 knots for fishing (mounted and labeled)
103. Exhibit of 10 knots for boating (mounted and labeled)
104. Exhibit of 5 fishing lures (Made by exhibitor, explain use)
105. Exhibit of 5 fishing flies (Made by exhibitor, explain use)
106. Exhibit of parts of a fishing reel (identified)
107. Exhibit on Wisconsin fishing rules
108. Fishing trip plans or report
109. Ten recipes for preparing fish
110. Any aspect of boating safety
111. Any other related fish/fishing exhibit

Class C—Insects

RULES:
1. Insects exhibited must have been collected since last year's fair.

Premium for lots 101-110	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

CREEPY CRAWLIES

Lot No. Description
101. Identify insect parts
102. Display showing how insects move.
103. Any other entomology, one exhibit

WHAT'S BUGGING YOU

104. Display showing insect control
105. Collection of 5 types of insects properly mounted and labeled
106. Exhibit on entomology careers
107. Any other entomology, two exhibits

DRAGONS, HOUSES, AND OTHER FLIES

108. Collection of 10 insects, representing 4 different mouth types
109. Collection of insect wings, showing wing types and parts
110. Any other entomology, three exhibits

Class D—Trees

Premium for lots 101-107	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Collection of leaves from 20 trees (Identify name of tree, date of collection, county, habitat).
102. Collection, 10 kinds of tree seeds (Include name of tree, means of seed dispersal, desirable seed bed conditions, date and place of collection).
103. 15 different leaf prints labeled according to species.
104. Chart or diagram showing the annual life history of a tree.
105. Collection of 10 lumber specimens of native trees. (Label with name of wood properties, uses, date and place of collection, not to exceed 2" X 2".)
106. One pint of maple syrup made by exhibitor in last year.
107. Any other forestry exhibit

Class E—Wildflowers

Premium for lots 101-107	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Homemade plant press with explanation of use
102. Exhibit pressed blossom of a flower (With all flower parts properly labeled.)
103. Collection of 10 kinds of wildflower seeds. (Show dispersal by wind, water, birds, and mammals.)
104. Mounted collection of 10 wildflower photos
105. An exhibit on edible or medicinal plant uses
106. A photo story, Show the creation and maintenance of a wildflower garden
107. Any other exhibit related to wildflower management.

Class F—Adventures

Premium for lots 101-120	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

DISPLAY SHOWING BASIC CARE AND MAINTENANCE OF EQUIPMENT
101. Backpacking
102. Winter Travel
103. Canoeing
104. Bicycling

EXHIBIT ON TRAVEL OR TRIP EXPERIENCE
105. Backpacking
106. Winter Travel
107. Canoeing
108. Bicycling

EXHIBIT ON SAFETY
109. Backpacking
110. Winter Travel
111. Canoeing
112. Bicycling

EXHIBIT OF FIRST AID KIT OR REPAIR KIT
113. Backpacking
114. Winter Travel
115. Canoeing
116. Bicycling

ANY OTHER EXHIBIT
117. Backpacking
118. Winter Travel
119. Canoeing
120. Bicycling

Class G—Shooting Sports

Premium for lots 101-160	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

POSTER, EXHIBIT OR DISPLAY OF SAFETY
101. Archery
102. Rifle
103. Air Pistol
104. Shotgun
105. Muzzleloading

POSTER SHOWING PROPER SHOOTING STANCE
106. Archery
107. Rifle
108. Air Pistol
109. Shotgun
110. Muzzleloading

SCRAPBOOK USING PHOTOS TO SHOW GROWTH AND DEVELOPMENT OF INDIVIDUAL
111. Archery
112. Rifle
113. Air Pistol
114. Shotgun
115. Muzzleloading

EXHIBIT OR REPORT OF COMPETITION EXPERIENCE
116. Archery
117. Rifle
118. Air Pistol
119. Shotgun
120. Muzzleloading

POSTER, EXHIBIT OR DISPLAY OF TECHNIQUES AND/OR EQUIPMENT USED IN HUNTING (NO GUNS)
121. Archery
122. Rifle
123. Air Pistol
124. Shotgun
125. Muzzleloading

POSTER OR EXHIBIT SHOWING CARE AND MAINTENANCE OF EQUIPMENT
126. Archery
127. Rifle
128. Air Pistol
129. Shotgun
130. Muzzleloading

POSTER SHOWING PARTS AND/OR EQUIPMENT USED IN SPORT
131. Archery
132. Rifle
133. Air Pistol
134. Shotgun
135. Muzzleloading

ANY OTHER POSTER OR DISPLAY NOT IDENTIFIED ABOVE
136. Archery
137. Rifle
138. Air Pistol
139. Shotgun
140. Muzzleloading
141. Wildlife

ANY OTHER EXHIBIT NOT IDENTIFIED ABOVE
142. Archery
143. Rifle
144. Air Pistol
145. Shotgun
146. Muzzleloading
147. Wildlife

HUNTING AND ECOLOGY

Lot No. Description
148. Poster, exhibit, or display which explains or teaches hunter safety
149. Exhibit related to outdoor cookery/camping
150. Photo display on the project with a report
151. Poster showing identification characteristics of an animal species
152. Exhibit or display, plaster cast of a wild animal's tracks
153. Poster of at least four photos of wild life (animal or bird) taken during a "camera hunt"
154. Exhibit or display of a home made decoy (any animal or bird)
155. Exhibit or display of an animal silhouette target
156. Exhibit or display of a home made article used for hunting
157. Essay on hunting ethics (at least 250 words)
158. Poster or exhibit on the principles of game management
159. Poster or exhibit relating to Wisconsin Hunting Laws
160. Any other poster, exhibit or display not identified above

Class H—Wildlife Habitat

Premium for lots 101-104	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Exhibit showing wildlife as a resource
102. Identify wildlife and their foods
103. Wildlife Management practices/plan
104. Any other wildlife exhibit

CLASS I — ENVIRONMENTAL-RECYCLING

Premium for lots 101-108	*1st*	*2nd*	*3rd*	*4th*
	2.00	*1.75*	*1.50*	*1.25*

Lot No. Description
101. Exhibit showing natural cycles (Water, nutrient, etc.)
102. Exhibit, renewable and non-renewable resources
103. Display or exhibit on composting
104. Display or exhibit on turning trash into cash
105. Other related recycling
106. Display, exhibit, or poster on air pollution/causes & reduction
107. Display or poster on water pollution or prevention
108. Exhibit of record keeping (showing work in progress from current project year)