

2. Label Example:

Collector/Date: J. Smith 01/01/01
Order Name: Ephemeroptera
Common Name/Stage: Mayfly Adult or Nymph
Body of Water: Lost Lake
County/State: Hood River, OR

3. Phases are based on the number of specimens exhibited. Each collection is progressive. Exhibitors are expected to add 5 new preserved specimens, photographs, or drawings to their exhibit each year, in addition to those exhibited the previous year. Exhibitors are not able to combine preserved specimens, photographs, or drawings as a single exhibit.
4. The entries must be accompanied by a 4-H Aquatic Ecology & Sport Fishing Explanation Card (451-07, revised 2014). Judging criteria are outlined on an Aquatic Macro-invertebrates Core Sheet (451-01, revised 2014). Both are available at the County Extension Offices and on the State 4-H website.

PHASE 1: 10 TO 20 SPECIMENS

- 451 100 181 Preserved specimens** displayed in specimen jars in display boxes
- 451 200 181 Photographs of specimens** displayed in a notebook
- 451 300 181 Original Drawings** of specimens displayed in a notebook

PHASE 2: 21 TO 35 SPECIMENS

- 451 100 182 Preserved specimens** displayed in specimen jars in display boxes
- 451 200 182 Photographs of specimens** displayed in a notebook
- 451 300 182 Original Drawings** of specimens displayed in a notebook

PHASE 3: 36 TO 50 SPECIMENS

- 451 100 183 Preserved specimens** displayed in specimen jars in display boxes
- 451 200 183 Photographs of specimens** displayed in a notebook
- 451 300 183 Original Drawings** of specimens displayed in a notebook

COMMON KNOTS

1. Knots are defined as those needed to secure line from a reel to terminal tackle. They are limited to Arbor Knot, Blood Knot, Dropper Loop, Clinch or Improved Clinch Knot, Nail Knot, Palomar Knot, Perfection Loop, Rapala Knot, Snell Knot, Double Surgeon's, Surgeon's Loop, Trilene Knot, Uni-Knot. Each knot must be represented in two mediums. One (large scale) knot must be tied using white cordage no smaller than 1/8" and no larger than 1/4" in diameter. The (normal scale) second knot is to be tied to a barbless hook using the appropriate material as it would be used in fishing (monofilament, Dacron backing, fly line, etc.) Knots must be labeled with name and displayed on an 8.5" X 11" matte board.
2. The entries must be accompanied by a 4-H Aquatic Ecology & Sport Fishing Explanation Card (451-07, revised 2014). Judging criteria are outlined on a Common Knots Score Sheet (451-02, revised 2014). Both are available at the County Extension Offices and the State 4-H website.

- 451 200 151 Common Knots, Junior**, any 5 knots (each knot represented in large and normal scale).

451 200 152 Common Knots, Intermediate, any 7 knots (each knot represented in large and normal scale).

451 200 153 Common Knots, Senior, any 9 knots (each knot represented in large and normal scale).

FISH PRINTS

1. Prints can be made using real fish or fish models. Prints can be made using, but not limited to water color, tempera, acrylic, oil, and ink. Prints can be on fabric or paper or in combination and mounted on or in a frame not to exceed 22" x 28". One print must be labeled with the common name, scientific name, and anatomy. Labels may be permanent or removable.
 2. Exhibitors are to make fish prints using real or model fish. Non-fish images are not acceptable.
- The entries must be accompanied by a 4-H Aquatic Ecology & Sport Fishing Explanation Card (451-07, revised 2014). Judging criteria are outlined on a Fish Prints Score Sheet (451-03, revised 2014). Both are available at the County Extension Offices and the State 4-H website.

- 451 200 161 Fish Prints, Junior**, 1 print
- 451 200 162 Fish Prints, Intermediate**, 2 prints
- 451 200 163 Fish Prints, Senior**, 3 prints

FLIES

1. Flies are defined as wet and dry. Dry flies are patterns used above the water line or in the surface film (e.g. adult insects, terrestrial insects, dry attractors, poppers, mouse, etc.). Wet flies are patterns used below the water line (e.g. nymphs, larvae, streamers, wet attractors, emergers, etc.). Materials (recipes) used may include but are not limited to: hackle, lead wire, dubbing, hook, copper wire, flash, quill, floss, chenille, thread, and hair. Entries may include but are not limited to: * Woolly Worm, Woolly Bugger, Hare's Ear, Scud, Caddis Pupa, Girdle Bug; ** Mickey Finn, Elk Hair Caddis, Bead Head Pheasant Tail, Parachute Adams; *** Royal Coachman, Grass Hopper, Stone Fly, Blue Winged Olive, Green Drake.
2. Flies must be labeled with name and displayed on an 8.5"x11" matte board. (*=low difficulty, **=moderate difficulty, ***=high difficulty)
3. Flies must be displayed on an 8.5" x 11" matte board. Exhibits are to be labeled to provide educational value to the public. Labels must include a title, the type of flies (wet or dry), and the name of each fly. Exhibit labels will be judged on the educational value, accuracy, completeness, clarity, and conciseness.
4. The entries must be accompanied by a 4-H Aquatic Ecology & Sport Fishing Explanation Card (451-07, revised 2014). Judging criteria are outlined on a Flies Score Sheet (451-04, revised 2014). Both are available at the County Extension Offices and the State 4-H website.

- 451 200 131 Flies, Junior**, 2 total (1 wet and 1 dry) use recipes requiring #4-6 hook.
- 451 200 132 Flies, Intermediate**, 4 total (2 wet and 2 dry) use recipes requiring #6-8 hook.
- 451 200 133 Flies, Senior**, 6 total (2 wet, 2 dry, and 2 using body dubbing) use recipes requiring #8-14 hook, 2 using body dubbing and recipes requiring #12-14 hook.

LURES

1. Lures are defined as Spoons, Spinners, Rooster Tails, Jigs, Plugs, and Spinner Baits. Materials used may include but are not limited to the following: