

**McCall Chapter of the Idaho Master Naturalist Program
Course Syllabus
2014**

Program Contacts:

Diane Evans-Mack, Idaho Fish and Game

Terri Bryant, Ponderosa State Park

Terri Smith, McCall Chapter of the Master Naturalists

Program Website:

[http://fishandgame/idaho.gov/sites/Wildlife/ID Master Naturalist/McCall/default.aspx](http://fishandgame/idaho.gov/sites/Wildlife/ID%20Master%20Naturalist/McCall/default.aspx)

Program Overview:

The mission of the Idaho Master Naturalist Program is to develop a corps of well-informed volunteers to actively work toward stewardship of Idaho's natural environment. Participants of the Idaho Master Naturalist Program will finish their training and service with:

- 1) an increased knowledge of Idaho's natural environment and ecological principles;
- 2) an understanding of a variety of views about nature and natural resource management;
- 3) motivation to continue learning and volunteering toward conservation of Idaho's natural world;
and
- 4) the feeling they can help make a difference in their community through conservation volunteerism.

Three Components to Certification:

- 1) 40 hours of core curriculum, in both classroom and field settings;
- 2) 10 hours of advanced training;
- 3) 40 hours of service with one or more of the advisory agencies

Program Logistics for the McCall Chapter

- 1) *Certification Components* – Our scheduled class time encompasses the 40 hours of core curriculum as well as 8 hours of advanced training.
- 2) The advanced training is training in our “track” – in this case, your choice among Conservation, Interpretation, or both. 8 hours of advanced training will be on your own with an agency of your choice from among the advisory agencies or during scheduled training sessions that are different than those you originally attended. *This includes learning more about the operations of the volunteer site, shadowing a program at the site, etc. Example: members wanting to practice interpretation can attend interpretative programs they are interested in presenting in the future.*

The 40 hours of volunteer service must be completed at one of the designated sites (see list), or approved in advance by the planning committee.

Advisory or site list: Ponderosa State Park, Idaho Dept. of Fish and Game, Payette National Forest, Bureau of Reclamation-Lake Cascade, Snowden Wildlife Sanctuary, and McCall Outdoor Science School.

3) *Attendance* – each participant may miss one class. An assignment, dependent upon the class missed, will be used to make up the missing hours.

In certain extenuating cases, the planning committee may, at their discretion, approve additional missed time. To help us plan appropriately (and avoid purchasing more materials than needed), please contact us if you know you will not be able to attend a class. *Communication Regarding Class* – updates and information on class will be communicated primarily through email and the chapter website. Please check these regularly for information.

4) *Forms* – there are several forms you need to complete to participate in the Master Naturalist program. They will be introduced as we go, but will include a background check and approval for Advanced Training. These are requirements set by the state.

5) *Location* – the 3-hour classroom components will take place at the Activity Center at Ponderosa State Park, unless otherwise announced. For the field days, we will meet at the Activity Center to arrange carpools if needed, and then depart for our location for the day. For the field days, please come prepared for an entire day out in our glorious, mercurial weather!

Field trips will not be cancelled because of small showers, or small amounts of snow. We will make other plans if the weather will detract from learning. Please bring lots of water, a lunch, snacks, raingear, sunscreen, a journal/notebook, and any other items that will help with your comfort. We will provide first aid/hygiene supplies. More details on field days will be announced close to the scheduled dates.

Program Fees:

Individuals who wish to participate in this program are responsible for program costs. The total cost for the program is \$65. The \$65 cost includes the classes, a field journal, graduation fee, state mandated fee, and costs of facility usage, speaker fees and travel costs.

This fee needs to be paid in cash or check, prior to or on the first day of the start of the program.

Class Schedule for 2014 (All meetings will be held at the Ponderosa Park Activities Center, 1:00 p.m. – 4:00 p.m. unless otherwise noted)

1. Meeting: February 25, 2014

Topic: "Introduction to Master Naturalist Program"

Presenters: Sara Focht and Terri Bryant

Read Prior to Class: 100 Introduction to Idaho Master Naturalist Program

(See Course Curriculum for all reading assignments)

2. Meeting: February 27, 2014

Topic “Land Use Managers and Ownership”

Presenters: Robb and Terri Bryant

Read Prior to Class: 102 Land Use and Ownership

3. Meeting: March 4, 2014

Topic: Ecology of the Forest

Presenters: Sue Miller and Terri Bryant

Read Prior to Class: 105 Ecological Concepts: a Study on the Payette National Forest and 106 Ecosystem Management

4. Meeting: March 6, 2014

Topic “Interpretation and Environmental Education, How Are They the Same and Different?”

Presenter: Terri Bryant

Read Prior to Class: 125 Interpretation and 126 A Little More about Themes

5. Meeting: March 11, 2014

Topic: “Geology of Idaho”

Presenter: John Rygh”

Read Prior to Class: Geofinal (Read sections: 1-10, 16, 19, 23, & 30)

6. Meeting: March 13, 2014

Topic “Ichthyology and Fisheries Management”

Presenters: Dr. David Burns and Caleb Zurstadt

Read Prior to Class: 114 Ichthyology and Fisheries Management

7. Meeting: March 18, 2014

Topic: Topic: “Wildlife of Concern in this Area”

Presenters: Rob Ryan (Wolverines) and Regan Berkley (Big Horn Sheep)

Read Prior to Class: 123 Mammalogy

8. Meeting: Meeting: March 20, 2014

Topic: “Noxious Weeds and Invasive Species

Presenters: Brian McMorris and Nicholas Zurfluh

Read Prior to Class: 115 Rangeland (read pgs. 19-23), and Invasive Plants (read pgs. 49-51)

9. Meeting: April 1, 2014

Topic “Trees of Ponderosa State Park”

Presenter: Terri Bryant

Read Prior to Class: 109 Forestry

10. Meeting: April 3, 2014

Topic: “Fire and Forest Ecology”

Presenter: Richard Taplin

Read Prior to Class: 109 Forestry

11. Meeting: April 8, 2014

Topic: "Insects and Diseases of Trees"

Presenter: John Lillihaug

Read Prior to Class: 121 Entomology

12. Meeting: April 10, 2014

Topics: Raptors and Scientific Names

Presenters: Dave Hazelton and Terri Bryant

Read Prior to Class: 119 Ornithology and 107 Nature of Naming

13. Meeting: April 15, 2014

Topic: TBA

Presenter: TBA

Read Prior to Class: TBA

14. Meeting: April 17, 2014

Topic "Bird ID"

Presenter: Diane Evans-Mack

Read Prior to Class: 119 Ornithology

15. Meeting: April 22, 2014

Topic: "Fungi"

Presenter: Hope Miller

Read Prior to Class:

16. Meeting: April 24, 2014

Topic: "Plant ID"

Presenter: Terri Bryant

Read Prior to Class: 117 Plants

17. Meeting: April 29, 2014

Topic: "Hydrology"

Presenter: Leigh Bailey

Read Prior to Class: 112 Aquatic Ecology

18. Meeting: May 1, 2014

Topic: "Habitat Restoration"

Presenter: Michael Young

Read Prior to Class: 115 Rangeland (read pages 33-49 and 110 Wetlands

(TBA=to be announced, not confirmed)

May 17, 2014 Bird Walk (This is International Migratory Bird Day, so the public is welcome.)