

Chiricahua Leopard Frog Survey Training*
18-19 May 2015
Western New Mexico University-
Harlan Hall (HH), Rooms 111 &115
Silver City, New Mexico

Note: This training is intended for individuals that will be performing leopard frog presence/absence surveys. The training only prepares you to conduct presence/absence surveys; it does not permit you to conduct surveys under the ESA. For those intending to conduct Chiricahua Leopard frog surveys, a federal endangered species permit is required. State permits may also apply.

Information regarding federal permits can be found at <http://www.fws.gov/permits/>.

*This training will immediately precede the Aquatic Gartersnakes training. Separate registration is required for each Chiricahua leopard frog and Aquatic Gartersnake training. Both trainings will be held over the course of 18-20 May 2015.

Training provided in cooperation with:

U.S. Fish and Wildlife Service (USFWS); Ecological Services; 2105 Osuna NE, Albuquerque, NM 87113

U.S.D.A Forest Service (USDAFS); Southwestern Region; 333 Broadway Blvd. SE, Albuquerque, NM 87102

Western New Mexico University (WNMU); Department of Natural Sciences; Gila Center for Natural History; P.O. Box 680; Silver City, NM 88062

New Mexico Department of Game and Fish (NMDGF); Endangered Species Program; P.O. Box 25112; Santa Fe, NM 87504

Agenda

Please bring waders (no felt bottoms), binoculars, and flashlight/headlamps for field activities

Additional equipment to bring if you have it GPS, pH meter, thermometer, conductivity meter, and camera

*******A Partial Field Guide to Frogs and Toads of the Gila National Forest will be provided. *******

Field activities may require a 4x4 vehicle, please bring one if possible. We will carpool as much as possible.

18 May (FROGS Only)

0900-0910 Introduction: Michelle Christman, HH 111

- 0910-0945 USFWS Permit Process: Michelle Christman, HH 111**
- 0945-1045 Identification of Southwestern Frogs: Randy Jennings, HH 111
Adult Morphology and Calls**
- 1045-1100 Break**
- 1100-1200 Identification of Southwestern Frogs: Bruce Christman, HH 111
Larval Morphology**
- 1200-1315 Lunch**
- 1315-1500 Identification of Southwestern Frogs: Jennings, Christman, and Christman HH 115
Specimens of Frogs and Tadpoles**
- 1500-1530 Survey Protocols: Randy Jennings, HH 111
Diurnal and Nocturnal Surveys**
- 1530-1545 Break**
- 1545-1630 Survey Protocols: Bruce Christman, HH 111
Field Data Collection**
- 1630-1730 Chytrid Fungus: Randy Jennings, HH 111
History & Biology
Field Evaluation
Field Protocols to Control Spread**
- 1730-2030 Dinner Break**
- 2030-2230 Nocturnal Surveys**

19 May (A.M.=Frogs / P.M.= Snakes)

Field Activities

- 0800-1130 Mimbres Valley: A Complex Riparian System**
- 1130-1:30 Return to Silver Lunch / END FROG TRAINING**
- 2:00 Start Aquatic Gartersnake Training; separate registration for gartersnake training is required.**

20 May (GARTERSNAKES Only)

- 8:00-15:00 Aquatic Gartersnake Training; separate registration for gartersnake training is required.**