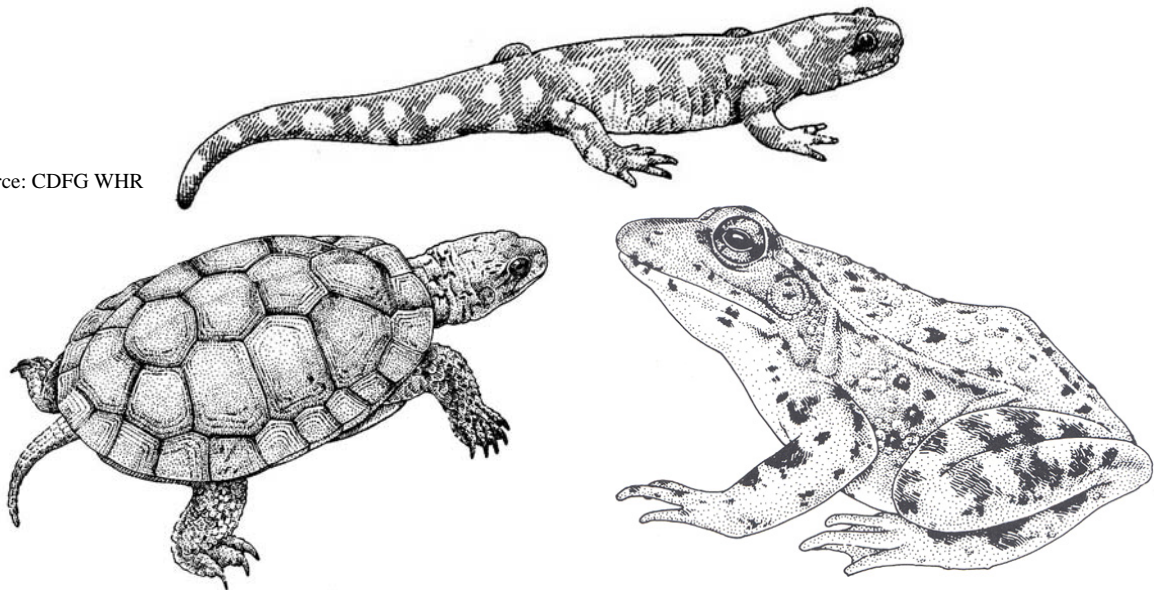


Rare Pond Species Survey Techniques Workshop

March 31- April 1, 2012 at Laguna Learning Center, Santa Rosa, CA

Sponsored by the Laguna de Santa Rosa Foundation & The Wildlife Project

Source: CDFG WHR



This workshop is designed to provide practical training on aquatic survey techniques for the California tiger salamander (CTS), California red-legged frog (RLF) and western pond turtle (WPT). The two amphibians are federally listed as threatened or endangered and all are State Species of Concern. The range of these rare and protected species overlap and they often occur in similar pond habitats. The lecture session will include a review of the basic biology and ecology of these three species, identification of life stages, and U. S. Fish and Wildlife Service and California Department of Fish and Game regulations and approved survey protocols. There will be four field trips to differing habitats. Instructors for this workshop include Dave Cook and Jeff Alvarez. Both are experts on amphibian and reptile ecology and conservation, conduct herpetological research, and hold state and federal permits for the three pond species.

The field trip sessions will provide field training and hands-on experience in aquatic survey techniques, including dip net sampling for CTS larvae, evening spotlighting for frogs, and turtle visual encounter and trapping. Also, seining (netting) and snorkel survey techniques will be demonstrated, if weather conditions permit. The field trips will visit CTS preserves on the Santa Rosa Plain, constructed red-legged frog mitigation ponds or other ponds, turtles at SSU campus pond, and an optional turtle trip to marsh and/or river habitats. To participate in surveys, attendees must bring their own personal field equipment including: chest or hip waders, binoculars, and headlamp. Decontamination of field gear is required, which may fade boots and waders. Other field equipment will be provided.

RARE POND SPECIES SURVEY TECHNIQUES WORKSHOP: MARCH 31- APRIL 1, 2012

TENTATIVE SCHEDULE

Saturday	Sunday
<p>Rare Pond Species Lectures:</p> <ul style="list-style-type: none"> • Meet: Laguna Learning Center • Registration (8:00am) • Ecology & Identification (8:30) <ul style="list-style-type: none"> • RLF, CTS, WPT (30min each) • Break (10:00am) • Aquatic Survey Techniques and Protocols (10:30am) <p>WPT Field Trip (on campus):</p> <ul style="list-style-type: none"> • Survey: trapping & seining demonstrations (11:00am) • Gear: binoculars <p>Lunch: 12:30-1:30pm (provided)</p>	<p>WPT Field Trip (optional):</p> <ul style="list-style-type: none"> • Survey: visual encounter • Time: 10:00-11:30am • Meet: TBA • Gear: binoculars, field cloths
<p>Session 1: CTS & RLF Field Trip</p>	<p>Session 2: CTS & RLF Field Trip</p>
<p>Meet: Laguna Learning Center at 1:15pm. Transit to field sites provided.</p> <p>California Tiger Salamander</p> <ul style="list-style-type: none"> • Survey: larval dipnet • Time: 1:30-5:30pm • Gear: waders, field cloths 	<p>Meet: Laguna Learning Center at 1:15pm. Transit to field sites provided.</p> <p>California Tiger Salamander</p> <ul style="list-style-type: none"> • Survey: larval dipnet • Time: 1:30-5:30pm • Gear: waders, field cloths
<p>Break: 5:30pm-7:30pm (We will stop at a restaurant)</p>	<p>Break: 5:30pm-7:30pm (We will stop at a restaurant)</p>
<p>California Red-legged Frog</p> <ul style="list-style-type: none"> • Survey: evening spotlight • Time: 7:30pm-10:30pm • Gear: waders, binoculars, field cloths. 	<p>California Red-legged Frog.</p> <ul style="list-style-type: none"> • Survey: evening spotlight • Time: 7:30pm-10:30pm • Gear: waders, binoculars, field cloths.

Registration

Fill out the attached registration form. Preference for field session dates is on a first come first served basis. The optional WPT field trip is open to all participants. Additional flyers are available at www.lagunafoundation.org under "Outings & Events".

Location

Laguna Learning Center: 900 Sanford Road, Santa Rosa, CA 95401. For directions visit: <http://www.lagunafoundation.org>

Lecture Session: Laguna Learning Center.

Field Trip Sessions: Details on meeting locations for all of the field trips and recommended personal field equipment will be sent to registered participants. Personal transportation is required for the optional WPT field trip on Sunday.

