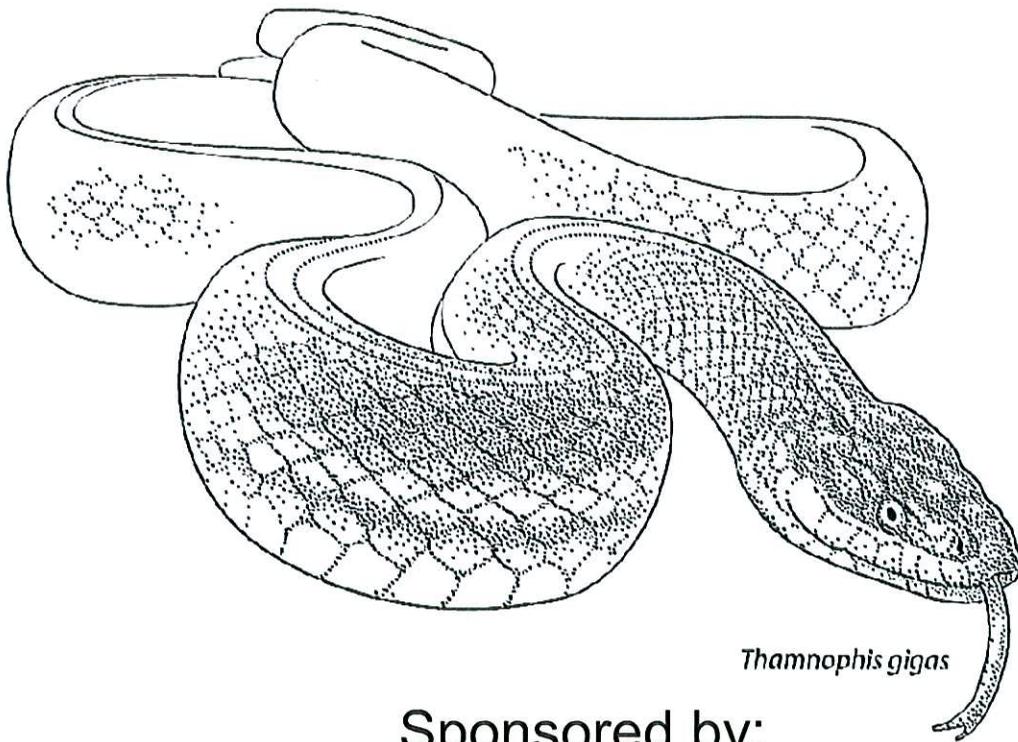




The Sacramento-Shasta Chapter
of The Wildlife Society
welcomes you to the
**2011 Giant Garter Snake
Workshop**



Thamnophis gigas

Sponsored by:





Giant Garter Snake Workshop

University of California, Davis Alumni Center
February 16, 2011

- 7:00 AM – 8:00 AM Registration
- 8:00 AM – 8:10 AM Introduction
- 8:10 AM – 9:30 AM An Introduction to Giant Garter Snakes
- *Life History of Giant Gartersnakes* – Glenn Wylie
 - *Genetic Analysis of Giant Garter Snake (Thamnophis gigas) populations in the San Joaquin and Sacramento Valleys* – Tag Engstrom
 - *Notes and procedures for identifying the giant garter snake (Thamnophis gigas)* – Eric Hansen
 - *An Adaptive Survey Protocol for the Giant Gartersnake* – Brian Halstead
- 9:30 AM – 10:10 AM Habitat Selection
- *Habitat Suitability and Habitat Selection of the Giant Gartersnake in the Sacramento Valley of California* – Brian Halstead and Pete Coates
 - *Functional, dynamic relationships between occupancy of giant garter snake and environmental variables* – Erica Fleishman
- 10:10 AM – 10:30 AM Break
- 10:30 AM – 11:10 AM Population Dynamics
- *Survival of Adult Giant Gartersnakes in the Sacramento Valley, California* – Brian Halstead
 - *Giant garter snake (Thamnophis gigas) reproduction and population models as tools for species management* – Kristen Strohm
- 11:10 AM – 12:10 PM Assessments of Health
- *Using time-dependent models to investigate body condition and growth rate between sexes of the Giant Gartersnake* – Pete Coates
 - *Baseline Contaminant Data for the Giant Garter (Thamnophis gigas) and Valley Garter (T. sirtalis fitchi) in the Central Valley of California* – Bob Poppenga
 - *Health Assessments of Giant Garter Snakes* – Ray Wack
- 12:10 PM – 1:20 PM Lunch
- 1:20 PM – 2:00 PM Endangered Species Act Compliance and Recovery Plan Update
- *Biological Assessments for GGS: Ways to avoid the "Bring Me Another Rock" loop* – Dan Russell
 - *Giant Garter Snake Recovery Plan Update* – David Kelly
- 2:00 PM – 3:20 PM Conservation Land Planning and Restoration
- *Regional Planning for Giant Garter Snake Conservation* – Dave Zezulak
 - *Ecological Restoration and the Giant Garter Snake: Historic Habitat Significance and Land Use Change Implications to Habitat Recovery* – Greg Sutter
 - *Restoring Habitat for the Giant Garter Snake, a State- and Federally Listed Threatened Species* – Debra Bishop
 - *The response of the giant garter snake (Thamnophis gigas) to water primrose (Ludwigia hexapetala) removal at the Cosumnes River Preserve* – Eric Hansen

3:20 PM – 3:40 PM Break

3:40 PM – 4:40 PM Long-term Integrated Management with Agriculture

- *Rice management practices and industry perspectives on the giant garter snake* – Chris Greer
- *Managing Refuge Lands for Wildlife: A Science Based Approach* – Mike Carpenter
- *Land Management for Giant Gartersnakes (Thamnophis gigas): Science Based Actions* – Mike Casazza

4:40 PM – 5:30 PM Panel Discussion: Future Vision for GGS Recovery

5:30 PM – 7:00 PM Poster Session and Reception

Posters:

An eleven-fold difference in giant garter snake (Thamnophis gigas) capture rates favoring galvanized funnel traps over vinyl-coated funnel traps: Results from a two-year study – Cody Howard

An improved trapping strategy to facilitate statistically rigorous spatial and habitat occupancy analyses for the giant garter snake (Thamnophis gigas) – Matt Partin

Body Temperature Selection of the Giant Garter Snake – Glenn Wylie

Habitat selection of female giant gartersnake in relation to snake activity periods and agricultural practices: a landscape-level analysis – Pete Coates

Habitat Suitability of the Giant Gartersnake in the Sacramento Valley of California – Brian Halstead

Habitat use and movements of giant garter snakes in the Colusa Basin Drainage Canal, California – Glenn Wylie

Habitat use of giant garter snakes in restored wetlands at Colusa National Wildlife Refuge – Glenn Wylie

Metals and trace elements in giant garter snakes (Thamnophis gigas) – Glenn Wylie

Population Characteristics of the Giant Gartersnake at Multiple Sites – Glenn Wylie

Presence/absence surveys for the giant garter snake in the Central Valley – David Kelly

San Joaquin Valley giant garter snake habitat restoration at Volta Wildlife Area – Christina Sousa

Space use of the threatened Giant Gartersnake in agriculture and constructed wetlands – Brian Halstead

Status and distribution of the giant garter snake (Thamnophis gigas) in the San Joaquin Valley, California – Eric Hansen

Survival of Adult Giant Gartersnakes in the Sacramento Valley, California – Brian Halstead

The efficacy of heat branding giant garter snakes (Thamnophis gigas) with medical cautery units to complement passive integrated transponder tags in multi-year, mark-recapture studies – Michael Starkey

Using time-dependent models to investigate body condition and growth rate between sexes of the Giant Gartersnake – Pete Coates