

Lake Tahoe Basin Invasive Weed Coordinating Group

2009 Annual Report and Newsletter



Dedicated to preventing and controlling invasive weed species in the Tahoe Basin by sharing resources and information.

Our Mission

Collectively, the Lake Tahoe Basin Weed Coordinating Group (LTBWCG) group is dedicated to ensuring that invasive weed detection, control and education is effective and seamless across the five county, bi-state region.

Since the LTBWCG inception in 2002, the group has annually prepared an action plan with specific actions and responsibilities relating to four areas of our collaborative work:

- detection and inventory of new and historical infestations,
- treatment and eradication of known sites,
- restoration as needed,
- and education and outreach.

Successful weed management requires a basin-wide approach since weeds ignore political boundaries. Through development of community partnerships and coordination of management efforts, invasive weed infestations and the ecological and economic impacts associated with them, can be tackled more effectively.

The Lake Tahoe Basin is in the relatively early stages of invasion by weeds. The LTBWCG focuses on a technique called "early detection, rapid response" to find and eradicate plants before they become huge and expensive problems.

2009 Highlights

Detection and Mapping

- Detection and monitoring surveys were completed on over **2500 acres** of public and private lands and **1880 miles** of road-way.

Control and Eradication

- **7.73 net acres** were infested with invasive weeds in the Basin, down 11% from 2008.

Education & Outreach

- **7,400+ people** were reached via trainings, presentations, events, radio, newspaper, television and workshops.
- **1000+ homeowners** received on-site evaluations to detect and control invasive plants.

Invasive weeds reproduce prolifically by seed and root, and out-compete native and other desirable plants. Once established, weed infestations:

- Reduce land and recreational values
- Damage water quality and clarity
- Contribute to soil erosion
- Degrade wildlife habitat



LAKE TAHOE BASIN
WEED COORDINATING GROUP

For more information:

Wendy West, Chair, University of California Cooperative Extension

wkwest@ucdavis.edu
530.621.5533

Visit at our website at:
www.tahoelinvasiveweeds.org



Education and control efforts help to protect the Tahoe Basin from invasive weeds.

PRIORITY WEEDS

Group 1:

Watch for, report, and eradicate immediately

These species are: 1) not currently found in the Lake Tahoe basin OR 2) documented in areas adjacent to the basin and may move into the area OR 3) are small, eradicable populations. Aggressive treatment will be pursued when these species are found; educational programs will target early detection and reporting of these species.

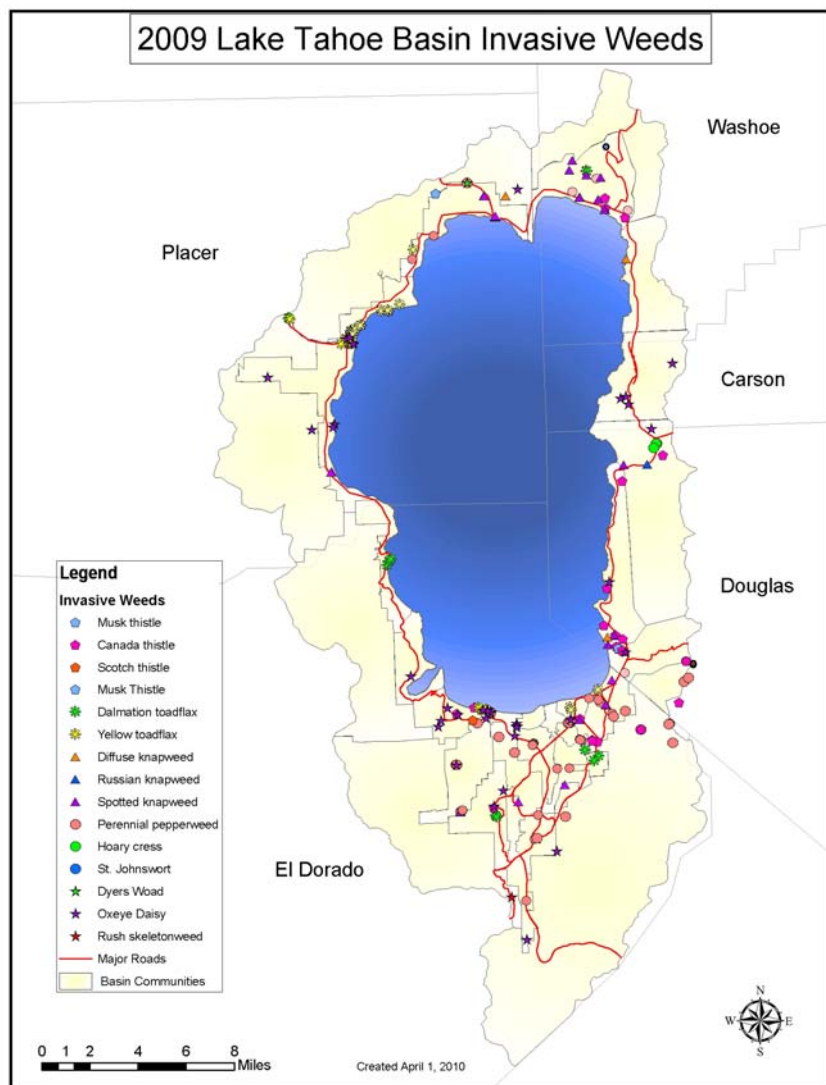
- Canada thistle (*Cirsium arvense*)
- Diffuse knapweed (*Centaurea diffusa*)
- Hoary cress (*Cardaria draba*)
- Musk thistle (*Carduus nutans*)
- Rush skeletonweed (*Chondrilla juncea*)
- Russian knapweed (*Centaurea repens*)
- Scotch thistle (*Onopordum acanthium*)
- Squarrose knapweed (*Centaurea virgata* Lam. ssp. *squarrosa*)
- Sulfur cinquefoil (*Potentilla recta*)
- Teasel (*Dipsacus fullonum*)
- Yellow starthistle (*Centaurea solstitialis*)

Group 2:

Manage infestations with a goal of eradication

Encourage the management/control of populations of these species to prevent further spread in the Lake Tahoe basin. Isolated populations will be targeted for eradication.

- Bull thistle (*Cirsium vulgare*)
- Dalmatian toadflax (*Linaria dalmatica*)
- Eurasian watermilfoil (*Myriophyllum spicatum*)
- Curlyleaf pondweed (*Potamogeton crispus*)
- Oxeye daisy (*Chrysanthemum leucanthemum*)
- Perennial pepperweed (*Lepidium latifolium*)
- Klamathweed (*Hypericum perforatum*)
- Scotch broom (*Cytisus scoparius*)
- Spotted knapweed (*Centaurea biebersteinii*)
- Yellow toadflax (*Linaria vulgaris*)



Lake Tahoe Basin Invasive Weed Coordinating Group Partners:

California Dept. of Food and Agriculture, California State Parks, California Tahoe Conservancy, California State Lands Commission, Caltrans, Douglas County Weed District, El Dorado County Agriculture Department, Lahontan Regional Water Quality Control Board, Lake Tahoe Environmental Education Coalition, Natural Resources Conservation Service, Nevada Tahoe Conservation District, Nevada/Placer County Agriculture Dept., Nevada Department of Agriculture, Tahoe Regional Planning Agency, Tahoe Resource Conservation District, University of California Cooperative Extension, University of Nevada Cooperative Extension, US Forest Service-Lake Tahoe Basin Management Unit, Washoe Tribe of Nevada and California and Nevada State Parks.