

FISHES OF THE EASTERN SIERRAS: SAVING THE NATIVES

LECTURE WITH PROFESSOR PETER MOYLE (UC DAVIS)
PRESENTED BY THE UC DAVIS TAHOE ENVIRONMENTAL RESEARCH CENTER



Date: Tuesday, February 19, 2008
Time: 5:30 – 7:30 p.m.
Lecture begins promptly at 6:00 p.m.
Cost: \$5 donation requested. No-Host Bar.
Location: Assembly Rooms 139 & 141,
Tahoe Center for Environmental Sciences
291 Country Club Drive, Incline Village, Nevada

Dr. Peter B. Moyle has been studying the ecology and conservation of freshwater and estuarine fishes in California for over 35 years. He has worked on the conservation of many native species in California as well on invasions of alien species. Much of his research has focused on understanding the biology of native and alien species in order to develop conservation strategies for native species and ecosystems. His studies have mostly been conducted in the Sierra Nevada and the San Francisco Estuary, but he has worked all over northern California.

The Eastern Sierras of California has a special and distinctive native fish fauna of about 10 species with about 10 endemic subspecies. These native fish communities have been disrupted by invasions of about 15 alien species and numerous disturbances to their stream habitats. Nevertheless, native fishes persist in many places and can benefit from conservation efforts. In this talk, I will present an

overview of the natural history of native fishes and then discuss recent studies focused on understanding the fish communities of Martis and Sagehen creeks, and conservation of Lahontan cutthroat trout and Eagle Lake rainbow trout. The talk should provoke discussion on how to conserve native fishes and their habitats in the face of growing human use of the eastern Sierras and climate change.