

## Curriculum Vitae

### G. Gary Scoppettone

#### Education:

B. A., Biology, San Jose State University-1971

M. A., Biology, San Jose State University-1974

#### Experience:

**From 1969 to 1973 employed by the school of biology at San Jose State University and served as Assistant Curator of Ichthyology.**

**From 1974 to 1977 employed by DeAnza Community College, Cupertino, CA and Chabot Community College, Hayward, Ca serving as a general biology and ecology instructor.**

**From 1977 to the present, employed by the Department of Interior, conducting investigations on federally listed threatened, and endangered fishes. Information generated is used in recovery plan development and satisfying recovery plan informational request. Past and ongoing investigation include:** White River spinedace life history, status and habitat use; relative abundance and distribution of White River fishes; Moapa dace life history, status, and interspecific interactions with nonnative fishes; cui-ui life history, status, and population dynamics; Pahrnagat chub life history and status; shortnose sucker life history and status; Lost River and shortnose sucker life history and habitat use; Modoc sucker status; Ash Meadows pupfish habitat use, status and interactions with nonnative species; Warm Springs pupfish habitat use and status; Ash Meadows speckled dace habitat use, status and interactions with nonnative species; Independence Valley speckled dace and tui-chub seasonal distribution; and Lahontan cutthroat population dynamics.

#### **PUBLICATIONS PERTAINING TO FISHES INHABITING SPRINGS FED BY THE CARBONATED AQUIFER**

##### **PUBLICATIONS PERTAINING TO WHITE RIVER FISHES**

Scoppettone, G. G., and P. H. Rissler. 2002. Status of the Preston White River springfish (*Crenichthys baileyi albivallis*). *Western North American Naturalist* 62:82-87.

Scoppettone, G. G., J. E. Harvey, and J. Heinrich. 2004. Conservation, status, and life history of the endangered White River spinedace, *Lepidomeda albivallis* (Cyprinidae). *Western North American Naturalist* 64:38-44.

Scoppettone, G. G., P. H. Rissler, and S. Shea. 2004. A fish survey of the White River, Nevada. *Western North American Naturalist* 64:45-52.

### **REPORTS PERTAINING TO PAHRANAGAT RIVER (A.K.A PAHRANAGAT CREEK) FISHES**

Tuttle, P., G. G. Scoppettone, D. Withers. 1990. Status and life history of Pahrnagat River Fishes. Final Report National Fishery Research Center Seattle, Washington, and Nevada Department of Wildlife, Reno, Nevada.

### **PUBLICATIONS PERTAINING TO MUDDY RIVER FISHES**

Scoppettone, G. G. , H. L. Burge, and P. L. Tuttle. 1992. Life history, abundance , and distribution of Moapa dace (*Moapa coriacea*). *Great Basin Naturalist*. 52:216-225.

Scoppettone, G. G. 1993. Interactions between native and nonnative fishes of the Upper Muddy River, Nevada. *Transactions of the American Fisheries Society* 122:599-608.

Scoppettone, G. G., and H. L. Burge. 1994. Growth and survivorship of Moapa dace (Osteichthyes: Cyprinidae: *Moapa coriacea*) in an isolated stream reach on Moapa National Wildlife Refuge. *Southwestern Naturalist*. 39:192-195.

Scoppettone, G. G., P. H. Rissler, M.B. Nielsen, and J. E. Harvery. 1998. The status of *Moapa coriacea* and *Gila seminuda* and status information on other fishes of the Muddy River, Clark County, Nevada. *The Southwestern Naturalist* 43:115-122.

Scoppettone, G. G., J. A. Salgado, and M. B. Nielsen. 2005. Blue tilapia (*Oreochromis aureus*) predation on fishes in the Muddy River system, Clark County, Nevada. *Western North American Naturalist* 65:410-414.

### **PUBLICATIONS PERTAINING TO ASH MEADOWS FISHES**

Scoppettone, G. G. P. H. Rissler, C. Gourley, and C. Martinez. 2005. Habitat restoration as a means of controlling non-native fish in a Mojave Desert Oasis. *Restoration Ecology* 13:247-256.

Scoppettone, G. G., P. H. Rissler, and M. B. Nielsen. In Review. Interactive advantage of Ash Meadows pupfish over sailfin molly and implications for spring system restoration.

### **AWARDS**

Special Achievement Award-U.S. Fish and Wildlife Service (1981)

Special Achievement Award-U.S. Fish and Wildlife Service (1985)

Special Achievement Award-U.S. Fish and Wildlife Service (1986)

Special Achievement Award-U.S. Fish and Wildlife Service (1987)  
Special Achievement Award-U.S. Fish and Wildlife Service (1989)  
Quality Performance Award-U.S. Fish and Wildlife Service (1990)  
Special Achievement Award-U.S. Fish and Wildlife Service (1992)  
Special Achievement Award-National Biological Survey (1993)  
Quality Performance Award-National Biological Survey (1994)  
Quality Performance Award-National Biological Service (1995)  
Excellence Award-National Biological Service (1996)  
Star Award-U.S. Geological Survey (1998)  
Star Award-U.S. Geological Survey (2000)  
Star Award-U.S. Geological Survey (2005)  
Star Award-U.S. Geological Survey (2006)  
Star Award-U.S. Geological Survey (2006)  
Star Award-U.S. Geological Survey (2007)

#### Current Membership on Recovery Teams and Working Groups

White River Valley Fishes Recovery Implementation Team  
Pahranagat Valley Recovery Implementation Team  
Railroad Valley Recovery Implementation Team  
Big Spring Spinedace Recovery Implementation Team  
Muddy River Fishes Recovery Implementation Team  
Devils Hole Pupfish Recovery Team  
Ash Meadows Working Group  
Wall Canyon Sucker Working Group  
Truckee River Recovery Implementation Team  
Soldier Meadows Fishes Working Group

**PRESENTATIONS PERTAINING TO MOAPA DACE:**

Scoppettone, G. G. 1985. Habitat design for the endangered Moapa dace on the Moapa National Wildlife Refuge. American Fisheries Society, California/Nevada. Chapter meeting in Monterey, California.

Scoppettone, G. G. 1986. Importance of stream hydraulics to optimal foraging in the endangered Moapa dace. Desert Fishes Council Meeting, Death Valley, California.

Scoppettone, G. G. 1989. Life history and foraging behavior of Moapa dace. American Fisheries Society, Western Division meeting, Seattle, Washington.