

Simms 2002

012627
2002 12 30

CENTRAL FILES	CASE FILE ✓	READER FILE	S V FILE
---------------	-------------	-------------	----------

7b 61

520 258-7208

(932) 6840

December 30, 2002

Peter Reinthal, Ph.D., Associate Curator
Department of Ecology
and Evolutionary Biology
University of Arizona
Tucson, AZ 85721

Dear Dr. Reinthal,

I am submitting 3 jars containing fish specimens from various field collections. The tall thin jar contains 10 *Poeciliopsis occidentalis*, 2 *Gila intermedia*, 5 *Agosia chrysogaster* all collected on April 3, 2002 from Cienega Creek on the County Preserve, Pima County, Arizona (map enclosed). The party on this survey consisted of myself, Dennis Caldwell, Heidi Blasius (AGFD) and Ann Watson (USFWS).

The fish were fixed in formalin for a week, soaked in several changes of water and then preserved in a 70% solution of ethyl alcohol. The alcohol has been changed once since the initial preservation.

In the other 2 jars you will find fish collected on the Gila River in 2001 by myself and Heidi Blasius. The collection in the spaghetti jar is from June 26 and has specimens collected in a reach adjacent to confluence with the San Francisco River, Greenlee County, Arizona. You will find 1 *Micropterus salmoides*, 5 *Micropterus dolomieu*, and 4 *Pimephales promelas*.

In the nalgene jar you will find specimens collected on June 27 adjacent to the confluence of Eagle Creek, Greenlee County, Arizona. Specimens consist of 11 *Micropterus dolomieu*.

Specimens from the Gila River were fixed and preserved in a manner similar to that described for the Cienega Creek specimens above. One exception would be the use of formalin that had a large percentage of formaldehyde precipitate out of solution. This may have compromised the fixation of these specimens to some unknown degree. Please, acknowledge receipt and provide a collection number for my records.

Sincerely,

Jeffrey R. Simms
Fishery Biologist

Enclosure:

1 - Specimen jars (3)

cc: Gila Box RNCA Manager
Rob Bettaso, Arizona Game and Fish Department, Phoenix
Region 5 Fisheries Specialist, Tucson

JSIMMS:rmc:vouch02