

**REPORT FORM- 2002 SCIENTIFIC COLLECTING PERMIT**Dr Mr  
(circle one)**Jeffrey R. Simms**Affiliation (if applicable) **US Bur. Of Land Management**Address **12661 E. Broadway**City **Tucson**State **AZ**Permit # **SP741082**Date Issued **12/23/03**

Names of agents working un

Nine sites were sampled at Aravaipa Creek on April 5-6, 2003 by Peter Reinthal and Jeff Simms. All sampling was conducted with seines and fish were returned to the creek after counting. All data were distributed to interested individuals after compilation.

For the purposes of this report, species abbreviations will be used. These include AGCH = *Agosia chrysogaster*, TICO = *Tiaroga cobitis*, RHOS = *Rhinichthys osculus*, MEFU = *Meda fulgida*, GIRO = *Gila robusta*, CAIN = *Catostomus insignis*, PACL = *Panosteus clarki*, AMNA = *Ameiurus natalis*, GAAG = *Gambusia affinis*, CYLU = *Cyprinella lutrensis*, and CHCY = *Chaenobryttus cyanellus*.

## Site # 1 TNC House

AGCH 35  
CAIN 8  
GIRO 3  
MEFU 6  
PACL 8  
TICO 5

## Site #2 Chimney Rock

AGCH 126  
CAIN 1  
MEFU 29  
PACL 20  
RHOS 1  
TICO 15

## Site #3 Turkey Creek Confluence

CAIN 8  
GIRO 36  
MEFU 2  
PACL 37  
TICO 13

## Site #4 Deer Canyon/Hell Hole

AGCH 68  
MEFU 8  
GIRO 2  
PACL 26  
PACL+CAIN juveniles 886  
TICO 1  
CAIN 3

## Site #5 Horse Camp

AGCH adult 39  
AGCH juvs 30

GIRO 2  
 CAIN 5  
 PACL 3  
 PACL juvs 15  
 TICO 2  
 CHCY 2

Site #6 Painted Creek

AGCH 5  
 CAIN 1  
 GIRO 3  
 TICO 1  
 PACL 1  
 ICNA 2  
 Juv Sucker 39

Site #7 Woods Ranch (trail end)

AGCH adult 52  
 AGCH juv 159  
 PACL 2  
 CAIN 2  
 Sucker sp juv 10  
 TICO 1

Site #8 White's Ranch

AGCH 134

Site # 9 Above Fish Barrier

AGCH adult 21  
 AGCH juvs 476  
 CYLU 55  
 TICO 2

Fall 2003 Sampling - Nine sites were sampled at Aravaipa Creek on September 28 2003 by Peter Reinthal and Jeff Simms. All sampling was conducted with seines and fish were returned to the creek after counting. All data were distributed to interested individuals after compilation.

SEINING

Site #1 TNC house

AGCH 19  
 CAIN 16  
 GIRO 12  
 MEFU 5  
 PACL 40  
 TICO 38  
 RHOS 34

Site #2 Chimney Rock

AGCH 174  
 CAIN 4  
 MEFU 59  
 PACL 11  
 RHOS 1  
 TICO 14  
 GIRO 0

## Site #3 Turkey Ck confluence

AGCH 6  
CAIN 9  
GIRO 38  
MEFU 97  
PACL 76  
TICO 61  
RHOS 5

## Site #4 Deer Canyon/Hell Hole

AGCH 23  
MEFU 82  
GIRO 43  
PACL 19  
RHOS 1  
TICO 4  
CAIN 17

## Site #5 Horse Camp

AGCH adult 29  
MEFU 8  
GIRO 9  
CAIN 13  
PACL 11

## Site #6 Painted Creek

AGCH 6  
CAIN 13  
GIRO 7  
MEFU 2  
PACL 10  
AMNA 4  
CYLU 1  
LECY 2

## Site #7 Woods Ranch (trail end)

AGCH adult 52  
GIRO 7  
PACL 4  
CAIN 17  
TICO 2  
AMNA 1

## Site #8 White's Ranch

AGCH 32  
TICO 3  
CAIN 1  
PACL 2  
CYLU 43  
AMNA 0

## Site #9 Above Fish Barrier

AGCH adult 352  
CAIN 6  
CYLU 381  
TICO 108  
PACL 5

AMNA 3

In addition, electrofishing was conducted September 27 and 28, 2003 at 100 meter sections at six of the sites to examine the efficacy of the seining. The results of fishing at the six sites are listed below. All fish were returned to the creek after sampling. One AGCH expired at site #3 and 69 AMNA were euthanized for stomach content analysis at the University of Arizona and are being deposited in the University of Arizona Fish Collection.

## ELECTROFISHING

## Site #1 TNC house

AGCH 51  
CAIN 81  
GIRO 46  
MEFU 15  
PACL 66  
TICO 44  
RHOS 24

## Chimney Rock #2

AGCH 275  
CAIN 25  
MEFU 16  
PACL 74  
RHOS 29  
TICO 153  
GIRO 11

## Turkey Ck confluence #3

AGCH 1  
CAIN 12  
GIRO 29  
PACL 15  
TICO 94

## Woods Ranch (trail end) #7

AGCH adult 163  
GIRO 15  
PACL 49  
CAIN 45  
TICO 37  
AMNA 52

## White's Ranch #8

AGCH 118  
TICO 9  
CAIN 3  
PACL 12  
CYLU 11  
AMNA 17

## Barrier Above #9

AGCH adult 116  
CAIN 3  
CYLU 7  
TICO 154  
PACL 17

