

**National Park Service
Research Report
Sorted by Park + Subject + Year + Researcher
Years included: 1996-1996**

Park Name: Pecos National Historical Park
Activity: Research
Subject: Ichthyology

Report Year: 1996
Project Title: Life history of the Rio Grande chub (Cyprinidae:Gila pandora) in Glorieta Creek, San Miguel County, New Mexico

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Objective: Objectives of the study are to investigate the following life history attributes of the Rio Grande chub: reproductive biology, age and growth, diet and habitat.

Findings: Preliminary results indicate that Rio Grande chub (females) are sexually mature at age I (ca. 85-90 mm TL) and ova are ripe at 1.26-1.82 mm diameter. The species appears to have an extended spawning season that is temperature and flow dependant. Spawning was observed from May through September in 1993 and 1994. Chironomids are an important food item, present in 41% of all stomachs examined so far. Masses of filamentous algae and snails were abundant in stomachs (28% of those examined to date) in summer. After specimens are examined, they will be accessioned at the Museum of Southwestern Biology, University of New Mexico, Albuquerque.

Reports Produced: (None)