

**Topic category:** Fisheries

**Keywords:**

**County:**

**Title:** Issues in Defining, Detecting, and Quantifying Rare Species

**Author:** Abarca, F.J. and L.J. Allison

**Date:** 2000

**Publication/journal/publisher:** U.S. Bureau of Reclamation Phoenix Area Office

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:**

<http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/CAPRarityReportApril%202000FNL.pdf>

**Document Location:** On internet

**Work initiated by:** BOR

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Discusses issues related to defining and quantifying rare western US fish species and vulnerability of systems to invasion by nonnative species.

**Topic category:** Fisheries

**Keywords:** power analysis, fish monitoring

**County:**

**Title:** Power Analysis for Long-term Monitoring of Fishes in Selected Waters of the Gila River Basin, Arizona

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**Author:** Allison, L.J.

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**Date:** 2000

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**Publication/journal/publisher:** U.S. Bureau of Reclamation Phoenix Area Office

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/PwrAnalRpt.pdf>

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**Document Location:** On internet

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**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author utilizes power analysis to evaluate suitability of monitoring methods for describing abundance and distribution of Gila fishes. Describes spatial and temporal consistency of the fish assemblage and provides estimation of within-site variability.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** The Distribution and aspects of life history of *Meda fulgida* in New Mexico

**Author:** Anderson, R.M.

**Date:** 1978

**Publication/journal/publisher:** Unpublished M.S. Thesis, New Mexico State University, Las Cruces,  
New Mexico

**Type of document:** Thesis

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMSU Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Distribution of spikedace and observations of life history characteristics.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Geographic variation in the morphology of spikedace, *Meda fulgida*, in Arizona and new Mexico

**Author:** Anderson, R.M., and D.A. Hendrickson

**Date:** 1994

**Publication/journal/publisher:** Southwestern Naturalist 39: 148-155

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** University of New Mexico Library and JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Regression and principal components analysis of morphological characteristics from four isolated populations of spikedace.

**Topic category:** Fisheries  
**Keywords:** San Francisco River  
**County:**

**Title:** Stream survey of the San Francisco River

**Author:** Anderson, R.M., and P.R. Turner

**Date:** 1977

**Publication/journal/publisher:** Final report, New Mexico Department of Game and Fish, Santa Fe, New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NM Dept Game and Fish

**Work initiated by:** NMDGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Documents survey results for sites located within San Francisco River.

**Topic category:** Fisheries

**Keywords:**

**County:**

**Title:** Wildlife of special concern in Arizona

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**Author:** Arizona Game and Fish Department

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**Date:** 1996

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**Publication/journal/publisher:** Nongame and Endangered Wildlife Program, Arizona Game and Fish Department, Phoenix, Arizona

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Arizona Game and Fish

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**Work initiated by:** ADGF

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Listing of protected and sensitive wildlife for Arizona with species and status descriptions.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Feeding Ecology of a southwestern cyprinid fish, the spikedace, *Meda fulgida* Girard

**Author:** Barber, W.E. and W.L Minkley

**Date:** 1983

**Publication/journal/publisher:** Southwestern Naturalist 28:33-40

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** University of New Mexico Library and JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Feeding ecology of the spikedace, *Meda fulgida*, was investigated from July 1966 to August 1967. Foods eaten by 505 fish consisted primarily of mayfly adults and nymphs. Fish occupying pools fed exclusively on mayflies, but those in riffles ate diversified foods.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Biology of the Gila spikedace, *Meda fulgida*, in Arizona

**Author:** Barber, W.E., D.C. Williams, and W.L Minkley

**Date:** 1970

**Publication/journal/publisher:** Copeia No.1 1970:9-18

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM, JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Gila spikedace were studied in June 1966 through July 1967. These studies included breeding behavior and spawning observations.



**Topic category:** Fisheries

**Keywords:** Gila robusta, roundtail chub, Gila River

**County:**

**Title:** Distribution, status and notes on the ecology of *Gila robusta*, Cyprinidae in the Gila River Drainage of New Mexico

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**Author:** Bestgen, K.R., and D.L. Propst

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**Date:** 1989

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**Publication/journal/publisher:** Southwestern Naturalist 34: 402-412

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** University of New Mexico Library and JSTOR

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Natural and human-induced habitat alterations and establishment of non-native predator fishes are believed to be the primary reasons for the current reduced range and abundance of Roundtail chub, which has been extirpated from the San Francisco River, a major tributary of the Gila River and persists primarily in reaches of the Gila River which are free of non-native predators.

**Topic category:** Fisheries

**Keywords:** Gila River Fish

**County:**

**Title:** Movements and growth of fishes in the Gila River Drainage, Arizona and New Mexico

**Author:** Bestgen, K.R., D.A. Hendrickson, D.M. Kubly, and D.L. Propst

**Date:** 1987

**Publication/journal/publisher:** Southwestern Naturalist 32: 351-356

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** University of New Mexico Library, MAI Library, and JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Documents growth rates and lack of movement by adult and subadult fishes within the Gila Drainage. Fish assemblage of study sites was dominated by desert and Sonora suckers.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** The reproductive biology and aspects of life history of Tiaroga cobitis in southwestern New Mexico

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**Author:** Britt, K.D.

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**Date:** 1982

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**Publication/journal/publisher:** M.S. Thesis, New Mexico State University, Las Cruces, New Mexico

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**Type of document:** Thesis

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** NMSU Library

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Life history and reproductive biology of loachminnow.

**Topic category:** Fisheries

**Keywords:** roundtail chub

**County:**

**Title:** Effects of flooding on recruitment of roundtail chub, *Gila robusta*, in a southwestern river

**Author:** Brouder, M.J.

**Date:** 2001

**Publication/journal/publisher:** Southwestern Naturalist 46: 302-310

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library or JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

The author examined the relationship between late winter/early spring flooding and recruitment of roundtail chub, *Gila robusta*, to age 1 in an unregulated section of the upper Verde River, Arizona to determine whether significant differences in mean catch per unit effort (CPUE) of age 1 roundtail chub existed over an 11-year period. A strong positive relationship between maximum mean daily discharge in and mean CPUE of age 1 roundtail chub in was indicated.

**Topic category:** Fisheries

**Keywords:** Colorado River, chubs

**County:**

**Title:** Colorado River Basin Chubs Recovery Plan

**Author:** Carman, S.M.

**Date:** 2006

**Publication/journal/publisher:** New Mexico Department of Game and Fish

**Type of document:** PDF

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** <http://www.wildlife.state.nm.us/conservation/documents/ChubsRecoveryPlan.pdf>

**Document Location:** On internet

**Work initiated by:** NMDGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Plan includes information on the distribution, habitat requirements, biology, and ecology of roundtail, Gila, and headwater chubs; goal for recovery of the species, associated objective and objective parameters, issues affecting attainment of the goal and recovery plan implementation schedule.

**Topic category:** Fisheries

**Keywords:** Upper Gila River, fisheries monitoring

**County:**

**Title:** Results of Fish Monitoring of Selected Waters of the Gila River Basin, 1995-1996

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**Author:** Clarkson, R.W.

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**Date:** 1998

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**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Arizona Ecological Services, Arizona Game and Fish Department

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**Type of document:** PDF

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/95to96refmonrpt.pdf>

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**Document Location:** On internet

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**Work initiated by:** USFWS, NMDGF

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 1995-1996.

**Topic category:** Fisheries

**Keywords:** Upper Gila River, fisheries monitoring

**County:**

**Title:** Results of Fish Monitoring of Selected Waters of the Gila River Basin, 1997

**Author:** Clarkson, R.W.

**Date:** 1999

**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Arizona Ecological Services, Arizona Game and Fish Department

**Type of document:** PDF

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/97monrept.pdf>

**Document Location:** On internet

**Work initiated by:** USFWS, ADGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 1997.

**Topic category:** Fisheries

**Keywords:** Upper Gila River, fisheries monitoring

**County:**

**Title:** Results of Fish Monitoring of Selected Waters of the Gila River Basin, 1999

**Author:** Clarkson, R.W.

**Date:** 2001

**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Arizona Ecological Services, Arizona Game and Fish Department

**Type of document:** PDF

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/99monitoringreport.pdf>

**Document Location:** On internet

**Work initiated by:** USFWS, ADGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 1999.



**Topic category:** Fisheries

**Keywords:** Poeciliopsis o. occidentalis

**County:**

**Title:** Impact of flooding in a Sonoran Desert stream, including elimination of an endangered fish population (*Poeciliopsis o. occidentalis*, Poecilidae)

**Author:** Collins, J.P., C.Young, J. Howell, and M.L. Minkley

**Date:** 1981

**Publication/journal/publisher:** Southwestern Naturalist 26:415-423

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library, MAI Library or JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Documents physical habitat changes and loss of fish population as well as introduction of a frog and tree species within Tule Creek, Arizona due to flooding during winter of 1978.

**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Taxonomic analysis of Gila and Gila x rainbow trout in southwestern New Mexico

**Author:** David, R.E

**Date:** 1976

**Publication/journal/publisher:** M.S. Thesis, New Mexico State University, Las Cruces, New Mexico

**Type of document:** Thesis

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMSU Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries

**Keywords:** Gila Basin, listed fishes

**County:**

**Title:** Status of federal and state listed warm water fishes of the Gila Basin, with recommendations for management

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**Author:** Desert Fishes Team

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**Date:** 2003

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**Publication/journal/publisher:** Desert Fishes Team, Phoenix, Arizona, report No.1

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**Type of document:** PDF

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** [http://www.nativefishlab.net/Desert\\_Fishes\\_Team.htm](http://www.nativefishlab.net/Desert_Fishes_Team.htm)

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Reviews status, recovery and conservation actions for 12 species of Gila River warm water fishes and recommends future actions.

**Topic category:** Fisheries

**Keywords:** Gila River, unlisted fishes status

**County:**

**Title:** Status of unlisted native fishes of the Gila River Basin, with recommendations for management

**Author:** Desert Fishes Team

**Date:** 2004

**Publication/journal/publisher:** Desert Fishes Team, Phoenix, Arizona, report No.2

**Type of document:** PDF

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://www.nativefishlab.net/Desert\\_Fishes\\_Team.htm](http://www.nativefishlab.net/Desert_Fishes_Team.htm)

**Document Location:** On internet

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Reviews the status of seven native warm water fishes in the Gila River basin of central Arizona, southwestern New Mexico, and northern Sonora that are not listed under the federal Endangered Species Act.

**Topic category:** Fisheries

**Keywords:** Gila River, fishes, recovery plan

**County:**

**Title:** Analysis of recovery plan implementation for threatened and endangered warm water fishes of the Gila River Basin

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**Author:** Desert Fishes Team

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**Date:** 2006

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**Publication/journal/publisher:** Desert Fishes Team, Phoenix, Arizona, report No.3

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**Type of document:** PDF

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** [http://www.nativefishlab.net/Desert\\_Fishes\\_Team.htm](http://www.nativefishlab.net/Desert_Fishes_Team.htm)

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Documents extent of implementation of existing recovery plans for the federally-listed warm water fishes in the Gila River basin.

**Topic category:** Fisheries

**Keywords:** Plagopterini, evolution

**County:**

**Title:** Evolutionary relationships of the Plagopterins (Teleostei: Cyprinidae) from cytochrome b sequences

**Author:** Dowling, T.E., C.A. Tibbets, W.L. Minkley and G.R. Smith

**Date:** 2002

**Publication/journal/publisher:** Copeia 2002:665-678

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Based on cytochrome b sequence data, genera of the Tribe Plagopterini: *Lepidomeda*, *Meda*, *Plagopterus*, and *Snyderichthys*, were most closely affiliated with the chubs *Couesius* and *Margariscus* of northern and eastern North America. *Snyderichthys* was intimately related to *Lepidomeda*.

**Topic category:** Fisheries

**Keywords:** Fire, native fishes, nonnatives

**County:**

**Title:** Effects of fire on fish populations: landscape perspectives on persistence of native fishes and non-native fish invasions.

---

**Author:** Dunham, J.B., M.K. Young, R.E. Gresswell, and B.E. Rieman.

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**Date:** 2003

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**Publication/journal/publisher:** Forest Ecology and Management.

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:**

[http://www.fs.fed.us/rm/boise/research/fisheries/fire/FAE%20Papers/dunham\\_final.pdf](http://www.fs.fed.us/rm/boise/research/fisheries/fire/FAE%20Papers/dunham_final.pdf)

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Authors evaluate and discuss management efforts to promote persistence of fishes in fire-prone landscapes.

**Topic category:** Fisheries

**Keywords:** roundtail chub, loach minnow

**County:**

**Title:** Habitat study of roundtail chub (*Gila robusta grahamsi*) and loach minnow (*Tiaroga cobitis*), Gila National Forest, Silver City, New Mexico

---

**Author:** Ecology Audits, Inc.

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**Date:** 1979

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**Publication/journal/publisher:** U.S. Forest Service final report, Albuquerque, New Mexico

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:**

<http://www.ose.state.nm.us/PDF/ISC/BasinsPrograms/GilaSanFrancisco/HabitatStudyLoachMinnowandRoundtailChub.pdf> (partial report)

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**Document Location:** On internet

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**Work initiated by:** USFS

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**Work funded by:** USFS

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides a literature review and habitat study / sampling results for loach minnow and roundtail chub within several creeks tributary to the San Francisco and Gila drainages.



**Topic category:** Fisheries

**Keywords:** conservation, extinction

**County:**

**Title:** Rarity, fragmentation, and extinction risk in desert fishes

**Author:** Fagan, W.F., P.J. Unmack, C. Burgess, and M.L. Minkley

**Date:** 2002

**Publication/journal/publisher:** Ecology 83: 3250-3256

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library or ESA online journals

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors present a biogeographic test detailing the occurrence patterns of freshwater fishes of the Sonoran Desert (a gravely endangered fauna) and found that fragmentation was consistently associated with elevated extinction risk.

**Topic category:** Fisheries

**Keywords:** invasion, salmonids, fish barriers

**County:**

**Title:** The invasion versus isolation dilemma: tradeoffs in managing native salmonids with barriers to upstream movement

---

**Author:** Fausch, K.D., B.E. Rieman, J.B. Dunham, M.K. Young, and D.P. Peterson

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**Date:** 2009

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**Publication/journal/publisher:** Conservation Biology 00:000-000 Published Online: February 6, 2009.  
DOI: 10.1111/j.1523-1739.2008.01159.x

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**Type of document:** Journal article

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** [http://www.fs.fed.us/rm/boise/publications/fisheries/rmrs\\_2009\\_fauschk001.pdf](http://www.fs.fed.us/rm/boise/publications/fisheries/rmrs_2009_fauschk001.pdf)

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

**Abstract or brief summary:**

The authors propose a conceptual framework to address four questions: First, are populations of conservation value present (considering evolutionary legacies, ecological functions, and socioeconomic benefits as distinct values)? Second, are populations vulnerable to invasion and displacement by non-native salmonids? Third, would these populations be threatened with local extinction if isolated with barriers? And, fourth, how should management be prioritized among multiple populations?

**Topic category:** Fisheries

**Keywords:** Gila, Mimbres drainages

**County:**

**Title:** Fisheries survey of Gila and Mimbres drainages

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**Author:** Huntington, E.H.

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**Date:** 1952-1955

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**Publication/journal/publisher:** Report, New Mexico Department of Game and Fish, Santa Fe, New Mexico

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:**

<http://www.ose.state.nm.us/PDF/ISC/BasinsPrograms/GilaSanFrancisco/FishiesSurveyMimbresRiver-1952-1955.pdf>

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Presents results of fish surveys completed from 1952-1955 within Gila and Mimbres drainages.

**Topic category:** Fisheries

**Keywords:** desert sucker

**County:**

**Title:** Time of spawning by desert sucker

**Author:** Ivanyi, C.S., J.P. Hill, and W.J. Matter

**Date:** 1995

**Publication/journal/publisher:** Southwestern Naturalist 40:425-426

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library CSA online journals

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

documents spawning behavior and seasonality for desert sucker

**Topic category:** Fisheries

**Keywords:** Gila River Fish

**County:**

**Title:** Fisheries reconnaissance survey Gila River, New Mexico

**Author:** Jester, D.B., H. Olson and H.J. McKirdy

**Date:** 1968

**Publication/journal/publisher:** US forest Service report, Albuquerque, New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** USFS

**Work initiated by:** USFS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents results of fish surveys completed prior to proposed inundation of Hooker dam and reservoir.

**Topic category:** Fisheries

**Keywords:** NM fish

**County:**

**Title:** Guide to the Fishes of New Mexico

**Author:** Koster, W.J.

**Date:** 1957

**Publication/journal/publisher:** University of New Mexico Press, Albuquerque, New Mexico

**Type of document:** Book - out of print

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library, used book sellers

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information regarding biology and distribution of NM fishes.

**Topic category:** Fisheries  
**Keywords:** Gila River, native fishes  
**County:**

**Title:** Native fishes of the Upper Gila River System, New Mexico

**Author:** La Bounty, J.F. and W.L. Minkley

**Date:** 1972

**Publication/journal/publisher:** Symposium on Rare and Endangered Wildlife of the Southwestern United States, Albuquerque, New Mexico

**Type of document:** Technical Document

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:**

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries

**Keywords:** thermal tolerance, trout

**County:**

**Title:** Critical thermal maxima of five trout species in the southwestern United States

**Author:** Lee, R.M., and J.N. Rinne

**Date:** 1980

**Publication/journal/publisher:** Transaction of the American Fisheries Society 109(6) 632-635

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** AMS online journals

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Critical thermal maxima was determined for native and introduced trout species. Results indicated that introduced species are adapted to elevated water temperatures occurring in southwestern US streams.



**Topic category:** Fisheries

**Keywords:** native trout, New Mexico

**County:**

**Title:** Biochemical genetic studies of native New Mexico trout

**Author:** Loudenslager, E.J., J.N. Rinne, A.E. Gall, and R.E. David

**Date:** 1986

**Publication/journal/publisher:** Southwestern Naturalist 31 (2) 221-234

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Reports results of genetic studies of native and introduced trout species within Arizona and New Mexico which focused on identifying level of genetic differentiation and hybridization.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2000 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

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**Author:** Marsh, P.C.

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**Date:** 2004

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**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2000RptTxt.pdf>

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**Document Location:** On internet

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**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2000.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2001 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C.

---

**Date:** 2004

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

---

**Purchase Price:**

---

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2001RptTxt.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2001.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2002 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C.

---

**Date:** 2004

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2002RptTxt.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

---

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2002.

**Topic category:** Fisheries

**Keywords:** Gila River, Fisheries Monitoring

**County:**

**Title:** Analysis of Fish Population Monitoring Data for

Selected Waters of the Gila River Basin, Arizona, for the Five-year Period 1995-1999

**Author:** Marsh, P.C. and B.R. Kesner

**Date:** 2004

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/95to99monfinalrept.pdf>

**Document Location:** On internet

**Work initiated by:** BOR

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors present analyses of fish monitoring in selected Gila waters for 1995-1999.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2004 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2005

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2004FnIRpt.pdf>

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**Document Location:** On internet

---

**Work initiated by:** BOR

---

**Work funded by:**

---

**Type of review:**

---

**Location of Work:**

---

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2004.

**Topic category:** Fisheries

**Keywords:** Gila River, Fisheries Monitoring

**County:**

**Title:** Analysis of Fish Population Monitoring Data for Selected Waters of the Gila River Basin, Arizona, for the Five-year Period 2000-2004

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2006

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

---

**Purchase Price:**

---

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/FnIRpt2000tto2004.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

---

**Work funded by:**

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**Type of review:**

---

**Location of Work:**

---

**Abstract or brief summary:**

Authors present analyses of fish monitoring in selected Gila waters for 2000-2004.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2005 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2006

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

---

**Purchase Price:**

---

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2005FnlAnnRpt.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

---

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2005.



**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2003 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2007

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**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

---

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/SY2003FnIRpt.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2003.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2006 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2007

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/Final2006AnnualReport.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

---

**Work funded by:**

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**Type of review:**

---

**Location of Work:**

---

**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2006.

**Topic category:** Fisheries

**Keywords:** Gila River, fisheries monitoring

**County:**

**Title:** Central Arizona Project Fish Monitoring - Draft Summary of Sample Year 2007 Fish Surveys in Behalf of a Long-term Monitoring Plan for Fish Populations in Selected Waters of the Gila River Basin, Arizona

---

**Author:** Marsh, P.C. and B.R. Kesner

---

**Date:** 2008

---

**Publication/journal/publisher:** U.S. Bureau of Reclamation Lower Colorado Region, Phoenix Area Office

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

---

**Web site address:** <http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/2007monitorReport.pdf>

---

**Document Location:** On internet

---

**Work initiated by:** BOR

---

**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Author presents results of fish monitoring in selected Gila waters for 2007.

**Topic category:** Fisheries

**Keywords:** spikedace and loach minnow

**County:**

**Title:** Spikedace (*Meda fulgida*) and Loach minnow (*Tiaroga cobitis*) relative to red shiner (*Cyprinella lutrensis*)

**Author:** Marsh, P.C., F.J. Abarca, and M.E. Douglas

**Date:** 1989

**Publication/journal/publisher:** Arizona Game and Fish Department report, Phoenix, Arizona

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** Arizona Game and Fish

**Work initiated by:** AGFD

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries

**Keywords:** spikedace and loach minnow

**County:**

**Title:** Fishes of Eagle Creek, Arizona, with records for threatened spikedace and loach minnow (Cyprinidae)

---

**Author:** Marsh, P.C., J.E. Brooks, D.A. Hendrickson and W.L. Minkley

---

**Date:** 1991

---

**Publication/journal/publisher:** Journal of the Arizona-Nevada Academy of Science 23:107-116

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:**

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**Work initiated by:**

---

**Work funded by:**

---

**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

**Topic category:** Fisheries  
**Keywords:** Gila National Forest, habitat quality  
**County:**

**Title:** A test of the Habitat Quality Index in forested headwater streams of the Gila National Forest, New Mexico

**Author:** McHenry, M.L.

**Date:** 1986

**Publication/journal/publisher:** M.S. Thesis, New Mexico State University, Las Cruces, New Mexico

**Type of document:** Thesis

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMSU Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**  
Author evaluates the Habitat Quality Index using headwater streams of the Gila as test sites.

**Topic category:** Fisheries

**Keywords:** Southwestern fishes, replacement

**County:**

**Title:** Predation and species replacement in American Southwestern fishes: a case study

**Author:** Meffe, G.K.

**Date:** 1985

**Publication/journal/publisher:** Southwestern Naturalist 30(2): 173-187

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

The Sonoran topminnow was studied to identify mechanisms leading to local extirpation. Habitat destruction was the cause of several population losses and interactions with introduced mosquitofish were responsible for reduction of topminnows via predation.

**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Population status and distribution of Gila trout in New Mexico

**Author:** Mello, K. and P. Turner

**Date:** 1980

**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Albuquerque, New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** USFWS

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Author evaluates populations status and provides distribution information for Gila trout.



**Topic category:** Fisheries

**Keywords:** Gila Bird Area

**County:**

**Title:** Fisheries survey report for the Gila Bird and Wildlife Area 2002

**Author:** Miller, D.

**Date:** 2002

**Publication/journal/publisher:** Western New Mexico University and Gila National Forest

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** PDF, WNMU

**Work initiated by:** WNMU, USFS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents results of fish surveys completed from within Gila Bird Area during summer 2002.

**Topic category:** Fisheries

**Keywords:** Gila Bird Area

**County:**

**Title:** Fisheries survey report for the Gila Bird and Wildlife Area 2004

**Author:** Miller, D.

**Date:** 2004

**Publication/journal/publisher:** Western New Mexico University and Gila National Forest

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** PDF, WNMU

**Work initiated by:** WNMU, USFS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents results of fish surveys completed from within Gila Bird Area during summer 2004.

**Topic category:** Fisheries

**Keywords:** Plagopterini

**County:**

**Title:** The spiny-rayed cyprinid fishes (Plagopterini) of the Colorado River System

**Author:** Miller, R.R. and C.L. Hubbs

**Date:** 1960

**Publication/journal/publisher:** Miscellaneous Publications - Museum of Zoology, University of Michigan  
115:1-39

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

University of Michigan Library

**Purchase Price:**

**Web site address:**

**Document Location:** UM Library server

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Describes physical characters and relationships between the genera belonging to the Tribe Plagopterini (spiny-rayed fishes).

**Topic category:** Fisheries

**Keywords:** Gila chub

**County:**

**Title:** Status report for Gila intermedia (Gila chub)

**Author:** Minkely, W.L.

**Date:** 1983

**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Albuquerque, New Mexico

**Type of document:** Technical report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** USFWS

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries

**Keywords:** chubs

**County:**

**Title:** Taxonomy of chubs (Teleostei, Cyprinidae, genus: Gila) in the American Southwest with comments on conservation

---

**Author:** Minkley, W.L., and B.D. DeMarais

---

**Date:** 2000

---

**Publication/journal/publisher:** Copeia 1: 251-256

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** BioOne

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Reports on investigation of the genus: Gila. Three full species, robusta, intermeda, and nigra are recognized and listing under the Endangered Species Act is suggested for all Colorado River basin species of Gila.

**Topic category:** Fisheries

**Keywords:** San Francisco River,

**County:**

**Title:** Spawning by *Rhinichthys osculus* (Cyprinidae), in the San Francisco River, New Mexico

**Author:** Mueller, G.A.

**Date:** 1984

**Publication/journal/publisher:** The Southwestern Naturalist 29 (3): 354

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Observations of reproductive biology and spawning activity of *Rhinichthys osculus* at the San Francisco River, New Mexico.

**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Age, growth and reproduction of Gila trout in a small headwater stream in the Gila National Forest

---

**Author:** Nankervis, J.M.

---

**Date:** 1988

---

**Publication/journal/publisher:** M.S. Thesis, New Mexico State University, Las Cruces, New Mexico

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**Type of document:** MS thesis

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** NMSU Library

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

---

**Abstract or brief summary:**

Presents findings of thesis studies involving Age, growth and reproduction of Gila trout in a Gila headwater stream.

**Topic category:** Fisheries  
**Keywords:** Endangered Species, New Mexico  
**County:**

**Title:** Handbook of Species Endangered in New Mexico

**Author:** New Mexico Department of Game and Fish

**Date:** 1988

**Publication/journal/publisher:** Report C-128, New Mexico Department of Game and Fish, Santa Fe,  
New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMDGF

**Work initiated by:** NMDGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents status, distribution, natural history, life history, and conservation information for NM listed species.



**Topic category:** Fisheries  
**Keywords:** survey, Gila River  
**County:**

**Title:** Fisheries inventory of the lower Gila River

---

**Author:** Parish, R.

---

**Date:** 1973

---

**Publication/journal/publisher:** Report, New Mexico Department of Game and Fish, Santa Fe, New Mexico

---

**Type of document:** Technical Report

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

---

**Purchase Price:**

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**Web site address:**

<http://www.ose.state.nm.us/PDF/ISC/BasinsPrograms/GilaSanFrancisco/FisheriesInventoryLowerGilaRiver07-13-1973.pdf> (partial report)

---

**Document Location:** On internet, OSE, NMDGF

---

**Work initiated by:** NMDGF

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

---

**Abstract or brief summary:**

Provides results of 1973 inventory of lower Gila River sampling sites .

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Captive propagation and rearing of spikedace, *Meda fulgida*

**Author:** Parmeter, H.L. and S.P. Platania

**Date:** 2004

**Publication/journal/publisher:** U.S. Bureau of Reclamation final report, Phoenix Area Office

**Type of document:** PDF

**Source of document / Search method (phone, internet, library, etc.):**

MAI Library

**Purchase Price:** \$10.00

**Web site address:**

**Document Location:** MAI Library

**Work initiated by:** BOR

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Describes attempts to spawn spikedace in captivity with recommendations for future work and management.

**Topic category:** Fisheries

**Keywords:** Spikedace, Loachminnow, Chub, Gila River Basin

**County:**

**Title:** Distribution of Spikedace, Loachminnow, and Chub Species in the Gila River Basin, New Mexico 1908-2007

---

**Author:** Paroz, Y.M., and D.L. Propst

---

**Date:** 2007

---

**Publication/journal/publisher:** US Fish and Wildlife Service, Albuquerque, New Mexico

---

**Type of document:** Technical Report, PDF

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**Source of document / Search method (phone, internet, library, etc.):** Internet

---

**Purchase Price:**

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**Web site address:**

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**Document Location:** On internet

---

**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

---

**Location of Work:**

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**Abstract or brief summary:**

Data from permit reports, field notes, technical reports and museum collections were compiled to create a database of rare Gila Drainage species. From these, geo-referenced distribution maps for chub species, spikedace, and loach minnow were created from three time periods ranging from 1908 to 2007.

**Topic category:** Fisheries

**Keywords:** Gila River fish

**County:**

**Title:** Long-term monitoring of fish assemblages in the Gila River Drainage, New Mexico

**Author:** Paroz, Y.M., D.L. Propst, and J. Stefferud

**Date:** 2006

**Publication/journal/publisher:** U.S. Fish and Wildlife Service, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:**

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Eight native and fifteen nonnative fish species were collected from six study sites during 1988-2005. Abundance of native fishes declined at most sites. Abundance of nonnative fishes increased substantially at one location.

**Topic category:** Fisheries

**Keywords:**

**County:**

**Title:** Reconnaissance Survey of Mule Creek near the town of Mule Creek, Grant County, New Mexico, July 23-25, 1985

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**Author:** Pierce, S.T.

---

**Date:** 1986

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**Publication/journal/publisher:** NMED SWQB - EID/SWQ-86/7. 21 p

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**Type of document:** Technical report

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**Source of document / Search method (phone, internet, library, etc.):**  
SWQB addition

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**Purchase Price:**

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**Web site address:**

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**Document Location:**

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**Work initiated by:** NMED

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information from a reconnaissance survey of Mule Creek.

**Topic category:** Fisheries  
**Keywords:** State NM protected fishes  
**County:**

**Title:** Threatened and endangered fishes of New Mexico

**Author:** Propst, D.L.

**Date:** 1999

**Publication/journal/publisher:** New Mexico Department of Game and Fish technical report No. 1

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

MAI Library - Available from NMDGF Conservation Services Division

**Purchase Price:** \$10.00

**Web site address:**

**Document Location:** NMDGF

**Work initiated by:** NMDGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents status, distribution, natural history, life history , and conservation information for 23 NM listed fish species.

**Topic category:** Fisheries  
**Keywords:** middle river fishes  
**County:**

**Title:** Systematic investigations of warm water fish communities

**Author:** Propst, D.L.

**Date:** 2002

**Publication/journal/publisher:** New Mexico Department of Game and Fish unpublished report

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMDGF

**Work initiated by:** NMDGF

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries  
**Keywords:** Chihuahua chub  
**County:**

**Title:** Distribution and status of the Chihuahua chub (Teleostei: Cyprinidae: Gila nigrescens), with notes on its ecology and associated species

**Author:** Propst, D.L. and J.A. Stefferud

**Date:** 1994

**Publication/journal/publisher:** Southwestern Naturalist 39:224-234

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors documented distribution and status, life history attributes and habitat, as well as factors contributing to the decline of Chihuahua chub based on surveys in the historic range during 1987-1991.



**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Population dynamics of Gila trout in the Gila River drainage of the southwestern United States

**Author:** Propst, D.L. and J.A. Stefferud

**Date:** 1997

**Publication/journal/publisher:** Journal of Fish Biology 51(6) 1137-1154

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** Wiley interscience online journals

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Documents population characteristics of Gila trout in several Gila Drainage streams. Findings indicated that populations fluctuated numerically seasonally and annually. Population density varied with elevation and drainage size.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Habitat and biology of loach minnow in New Mexico

**Author:** Propst, D.L., and K.R. Bestgen

**Date:** 1991

**Publication/journal/publisher:** Copeia 1: 29-38

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Natural history studies of loach minnow resulted in the following findings: Spawning in the Cliff-Gila Valley reach of the Gila River in New Mexico occurred briefly in April 1984 in water from 16-20 C. Larval growth was rapid. Few individuals exceeded 60 mm SL or Age II. Loachminnow fed primarily upon ephemeropteran naiads and chironomid larvae.

**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Conservation and status of Gila trout, *Oncorhynchus gilae*

**Author:** Propst, D.L., J.A. Stefferud, and P.R. Turner

**Date:** 1992

**Publication/journal/publisher:** Southwestern Naturalist 37(2) 117-125

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Gila trout formerly occurred in suitable habitat in much of the Gila River Drainage in NM and AZ, but when described in 1950 it was restricted to a few remote headwater streams in NM. In the past 20 years conservation efforts focused on establishing additional populations. Prior to 1989, 11 populations existed. Natural events in 1988 and 1989 eliminated one population and reduced others. Successful conservation of this species will require continued protection and enhancement of extant populations.

**Topic category:** Fisheries

**Keywords:** non-native fishes, arid river systems

**County:**

**Title:** Natural flow regimes, nonnative fishes, and native fish persistence in arid-land river systems

**Author:** Propst, D.L., K.B Gido and J.A. Stefferud

**Date:** 2008

**Publication/journal/publisher:** Ecological Applications 18:5, 1236-1252

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

internet - Ecological Society of America

**Purchase Price:**

**Web site address:**

**Document Location:** ESA, pubmed online journals

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors found that over nineteen years across six study sites data suggested that native fish assemblages are compromised by the presence of nonnative fishes and unnatural flow regimes. In addition, natural flow regime alone was unlikely to ensure persistence of native fish assemblages. Concluded maintaining natural flow regimes while simultaneously suppressing or excluding nonnative fishes from remaining native fish strongholds is critical to conservation of native fish assemblages in a system such as the upper Gila River drainage.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Distribution, status, biology, and conservation of spikedace (*Meda fulgida*) in New Mexico

**Author:** Propst, D.L., K.R. Bestgen, and C.W. Painter

**Date:** 1986

**Publication/journal/publisher:** Endangered Species Report No. 15. U.S. Fish and Wildlife Service, Albuquerque, New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** USFWS

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Distribution, status, biology and conservation of loach minnow, *Tiaroga cobitis* Girard in New Mexico

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**Author:** Propst, D.L., K.R. Bestgen, and C.W. Painter

---

**Date:** 1988

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**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico, Endangered Species Report No 17

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** USFWS

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides distribution, status, biology information for loach minnow in New Mexico with recommendations for conservation.

**Topic category:** Fisheries

**Keywords:** roundtail chub

**County:**

**Title:** Roundtail chub (*Gila robusta robusta*): A Technical Conservation Assessment

**Author:** Rees, D.E., Ptacek, J.A., and W. Miller

**Date:** 2005

**Publication/journal/publisher:** Species conservation Project - US Department of Agriculture Forest Service, Rocky Mountain Region

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** <http://www.fs.fed.us/r2/projects/scp/assessments/roundtailchub.pdf>

**Document Location:** On internet

**Work initiated by:** USDA

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Document provides information on biology, ecology, conservation status, and management of the roundtail chub with a focus on geographic and ecological characteristics in the USFS Region 2.

**Topic category:** Fisheries

**Keywords:** Fish Barriers

**County:**

**Title:** Upper Gila Basin New Mexico Fish Barriers Feasibility Study

**Author:** Riley, J. and R. Clarkson

**Date:** 2005

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico. Central Arizona Project Fund Transfer Program Task 4-35.

**Type of document:** Technical Report - BOR addition

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:**

<http://www.usbr.gov/lc/phoenix/biology/azfish/pdf/NMfishbarrierfeasibilityreportfinal.pdf>

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors investigated seven Gila River Drainage sites for suitability of fish barrier placement as mitigation for Central Arizona Project effects to Gila Basin fishes as determined in the Gila River Biological Opinion. Suitable sites were recommended.



**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Movement, home range, and growth of a rare southwestern trout in improved and unimproved habitats

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**Author:** Rinne, J.N.

---

**Date:** 1982

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**Publication/journal/publisher:** North American Journal of Fisheries Management 2(2): 150-157

---

**Type of document:** Journal Article

---

**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** [http://www.humboldt.edu/~storage/pdfmill/Batch\\_7/TroutHabitatBehavior.pdf](http://www.humboldt.edu/~storage/pdfmill/Batch_7/TroutHabitatBehavior.pdf)

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**Document Location:** On internet

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Data were collected for 129 recaptured Gila trout in three streams on the Gila National Forest, New Mexico. Findings indicated that this species moved and grew little in streams containing larger fish populations and streams containing log improvement structures.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Physical habitat use of loach minnow, *Tiaroga cobitis*(Pisces: Cyprinidae), in southwestern desert streams

**Author:** Rinne, J.N.

**Date:** 1989

**Publication/journal/publisher:** Southwestern Naturalist 34: 109-117

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR, MAI Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Presents data regarding habitat use (substrata, water velocity) by loach minnow adults, larvae, and juveniles.

**Topic category:** Fisheries

**Keywords:** spikedace, red shiner, competition

**County:**

**Title:** Physical habitat use by spikedace, *Meda fulgida* (Pisces: Cyprinidae) in southwestern streams with reference to probable habitat competition by red shiner, *Notropis lutrensis* (Pisces: Cyprinidae)

**Author:** Rinne, J.N.

**Date:** 1991

**Publication/journal/publisher:** Southwestern Naturalist 36:7-13

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** UNM Library JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Spikedace, *Meda fulgida*, used habitat in several southwestern desert streams according to availability. Velocity of water occupied by spikedace did not increase with increased stream size. Habitat used by spikedace as described in literature and measured in one stream suggests that habitat partitioning takes place when spikedace co-occurs with red shiner.

**Topic category:** Fisheries

**Keywords:** effects of fire to fishes within Gila River and  
Mimbres River tributaries

**County:**

**Title:** Wildfire in the Southwestern USA: Effects on Rare, Native Fishes and their Habitats

**Author:** Rinne, J.N. and D. Miller

**Date:** 2004

**Publication/journal/publisher:** International Wildland fire Symposium

**Type of document:** Symposium presentation

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** PDF

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Effects of fire to fishes within southwestern streams.

**Topic category:** Fisheries

**Keywords:** fisheries management

**County:**

**Title:** Hydrology, geomorphology and management: implications for sustainability of native southwestern fishes

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**Author:** Rinne, J.N. and D. Miller

---

**Date:** 2006

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**Publication/journal/publisher:** Reviews in Fisheries Science 14: 91-110

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):** Internet

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**Purchase Price:**

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**Web site address:** <http://www.searanching.org/program/documents/Samplepaper.pdf>

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**Document Location:** Internet PDF

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Authors present data comparing fish assemblages in Gila and Verde rivers in Arizona and New Mexico over a period of 7–12 years on hydrographs, geomorphology, past fisheries, water, and land management activities. Findings indicate that peak flow, mean flow volume and variability of flow, canyon-bound and broad alluvial reaches, dams, and introduced fishes are directly or indirectly related to fish assemblages. Suggest that hydrograph, geomorphology, and management are critical in determining native fish assemblages.

**Topic category:** Fisheries  
**Keywords:** Gila, Verde rivers habitat restoration  
**County:**

**Title:** Riparian habitat restoration and native southwestern USA fish assemblages: a tale of two rivers

**Author:** Rinne, J.N. and D. Miller

**Date:** 2008

**Publication/journal/publisher:** American Fisheries Society Symposium 49: 867-878

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** MAI Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Comparison of results of removing livestock to fish assemblages within segments of the Verde and Gila rivers and suggests that riparian restoration is not the most important factor in sustaining native fish assemblages.

**Topic category:** Fisheries

**Keywords:** creek chub

**County:**

**Title:** Phylogenetic relationships of the creek chubs and the spine-fins: an enigmatic group of North American cyprinid fishes (Actinopterygii: Cyprinidae)

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**Author:** Simons, A.M. and R.L. Mayden

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**Date:** 1997

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**Publication/journal/publisher:** Cladistics 13:187-205

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Wiley Interscience online journals

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Authors present mitochondrial 12S ribosomal RNA analysis which support recognition of *Snyderichthys*, formerly considered a subgenus of *Gila*, and indicate that the Plagopterin Clade is sister to the Creek Chub Clade. Analysis does not support hypotheses of a relationship between plagopterins and other Western taxa.

**Topic category:** Fisheries

**Keywords:** Bear Creek

**County:** Grant

**Title:** Reconnaissance Survey of Bear Creek in Grant County, New Mexico, October 20-22 and November 6, 1986.

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**Author:** Smolka, L.R.

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**Date:** 1987

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**Publication/journal/publisher:** NMED SWQB Report - EID/SWQ-87/2. 19 p

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**  
SWQB addition

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**Purchase Price:**

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**Web site address:**

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**Document Location:**

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**Work initiated by:** NMED

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides survey findings for Survey of Bear Creek in Grant County.



**Topic category:** Fisheries

**Keywords:** Gila chub

**County:**

**Title:** Petition to list the Gila chub (Cyprinidae, *Gila intermedia*) under the US Endangered Species Act of 1973

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**Author:** Southwest Center for Biological Diversity

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**Date:** 1998

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**Publication/journal/publisher:** Southwest Center for Biological Diversity, endangered species series No. 38

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**Type of document:** PDF, Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**  
internet

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**Purchase Price:**

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**Web site address:**

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**Document Location:** internet

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**Work initiated by:** SCBD

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides natural and life history information for Gila chub as well as status, distribution and conservation information in support of the petition to list this species as endangered.

**Topic category:** Fisheries  
**Keywords:** fish, New Mexico  
**County:**

**Title:** The Fishes of New Mexico

**Author:** Sublette, J.E., M.D. Hatch, and M. Sublette

**Date:** 1990

**Publication/journal/publisher:** University of New Mexico Press, Albuquerque, New Mexico

**Type of document:** Book

**Source of document / Search method (phone, internet, library, etc.):**

MAI Library

**Purchase Price:**

**Web site address:**

**Document Location:** out of print

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides overview and species specific information for fishes which occur within New Mexico.

**Topic category:** Fisheries  
**Keywords:** Gila trout restoration  
**County:**

**Title:** Restoration of the endangered Gila trout

**Author:** Turner, P.R.

**Date:** 1986

**Publication/journal/publisher:** Proceedings of the 66th Annual Conference of the Western Association of Fish and Wildlife Agencies Pages 122-133

**Type of document:** Conference Proceedings

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:**

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

**Topic category:** Fisheries  
**Keywords:** Spikedace, Loachminnow  
**County:**

**Title:** Endangered and Threatened Wildlife  
and Plants; Designation of Critical  
Habitat for the Spikedace (Meda  
fulgida) and the Loach Minnow  
(Tiaroga cobitis)

**Author:** US fish and Wildlife Service

**Date:** 2007

**Publication/journal/publisher:** Federal Register 72: (54) 13355-13422

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007\\_register&docid=fr21mr07-12](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr21mr07-12)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on the biology and status of spikedace and loach minnow and designates critical habitat.

**Topic category:** Fisheries  
**Keywords:** Chihuahua chub  
**County:**

**Title:** Endangered and threatened wildlife and plants; threatened status of *Gila nigrescens* (Chihuahua chub)

**Author:** U.S. Fish and Wildlife Service

**Date:** 1983

**Publication/journal/publisher:** Federal Register 48: 46053-46057

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** Internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology of Chihuahua chubs well as status determination species.

**Topic category:** Fisheries

**Keywords:** woundfin

**County:**

**Title:** Recovery Plan for woundfin, *Plagopterus argentissimus* Cope

**Author:** U.S. Fish and Wildlife Service

**Date:** 1984a

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** Technical Report

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** USFWS

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of woundfin as well as management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Endangered and threatened wildlife and plants; Proposal to determine the loach minnow to be a threatened species and to determine its critical habitat

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**Author:** U.S. Fish and Wildlife Service

---

**Date:** 1985

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**Publication/journal/publisher:** Federal Register 50: (117) 25380-25387

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Internet

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information on the biology of loach minnow and proposes it to be a threatened species with critical habitat

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Endangered and threatened wildlife and plants; determination of threatened status for loach minnow

---

**Author:** U.S. Fish and Wildlife Service

---

**Date:** 1986

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**Publication/journal/publisher:** Federal Register 51: (208) 39468-39478

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Internet

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information on the biology of loach minnow and determines it to be a threatened species.



**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Endangered and threatened wildlife and plants; Determination of threatened status for the spikedace

---

**Author:** U.S. Fish and Wildlife Service

---

**Date:** 1986

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**Publication/journal/publisher:** Federal Register 51:23769-23781

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Internet

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information on the biology of spikedace and determines it to be a threatened species.

**Topic category:** Fisheries  
**Keywords:** Chihuahua chub  
**County:**

**Title:** Recovery Plan for Chihuahua Cub (*Gila nigrescens* Girard)

**Author:** U.S. Fish and Wildlife Service

**Date:** 1986

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://ecos.fws.gov/docs/recovery\\_plan/860414c.pdf](http://ecos.fws.gov/docs/recovery_plan/860414c.pdf)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of Chihuahua chub as well as management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Loach Minnow, Tiaroga cobitis Recovery Plan

**Author:** U.S. Fish and Wildlife Service

**Date:** 1991

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://ecos.fws.gov/docs/recovery\\_plan/910930f.pdf](http://ecos.fws.gov/docs/recovery_plan/910930f.pdf)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of loachminnow as well as management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** spikedace

**County:**

**Title:** Spikedace, *Meda fulgida* Recovery Plan

**Author:** U.S. Fish and Wildlife Service

**Date:** 1991

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://ecos.fws.gov/docs/recovery\\_plan/910930d.pdf](http://ecos.fws.gov/docs/recovery_plan/910930d.pdf)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of spikedace as well as management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** Gila trout

**County:**

**Title:** Gila Trout Recovery Plan, Revised

**Author:** U.S. Fish and Wildlife Service

**Date:** 1993

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://ecos.fws.gov/docs/recovery\\_plan/030910.pdf](http://ecos.fws.gov/docs/recovery_plan/030910.pdf)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of Gila Trout as well as management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** Rio Yaqui

**County:** Hidalgo

**Title:** Rio Yaqui Fishes Recovery Plan

**Author:** U.S. Fish and Wildlife Service

**Date:** 1995

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:** [http://ecos.fws.gov/docs/recovery\\_plan/950329.pdf](http://ecos.fws.gov/docs/recovery_plan/950329.pdf)

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides species accounts, status information and goals for recovery of for four fishes of the Rio Yaqui system in Arizona and New Mexico - Yaqui chub, Yaqui topminnow, Yaqui catfish, and beautiful shiner.

**Topic category:** Fisheries

**Keywords:** Gila chub

**County:**

**Title:** Endangered and threatened wildlife and plants; listing Gila chub as endangered with critical habitat; proposed rule

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**Author:** U.S. Fish and Wildlife Service

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**Date:** 2002

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**Publication/journal/publisher:** Federal Register 67: 51948-51985

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Internet

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information on the biology of Gila chub and proposes it to be listed as an endangered species with critical habitat.

**Topic category:** Fisheries

**Keywords:** Gila chub

**County:**

**Title:** Endangered and threatened wildlife and plants; listing Gila chub as endangered with critical habitat

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**Author:** U.S. Fish and Wildlife Service

---

**Date:** 2005

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**Publication/journal/publisher:** Federal Register 70: 66664-66721

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** Internet

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

---

**Abstract or brief summary:**

Provides information on the biology of Gila chub and determines it to be listed as an endangered species with critical habitat.



**Topic category:** Fisheries

**Keywords:** Spikedace, Loachminnow

**County:**

**Title:** Endangered and Threatened Wildlife and Plants; Proposed Designation of Critical Habitat for the Spikedace and Loach Minnow

---

**Author:** U.S. Fish and Wildlife Service

---

**Date:** 2006

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**Publication/journal/publisher:** Federal Register 71: (192) 58574-58575

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**Type of document:** Technical Report

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:**

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**Work initiated by:** USFWS

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Provides information on the biology and status of spikedace and loach minnow and proposes to designate critical habitat.

**Topic category:** Fisheries

**Keywords:** loach minnow, spikedace

**County:** Catron

**Title:** Catron County Board of Commissioners, NM v United States Fish and Wildlife Service: Is functional equivalence the solution to the emerging critical habitat problem

---

**Author:** Van Deren, K.

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**Date:** 1998

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**Publication/journal/publisher:** Natural Resources 38 (1) 327-335

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:**

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

The author proposes that, in the title case, functional equivalence would have allowed the Fish & Wildlife Service an exemption from environmental assessment requirements under the National Environmental Policy Act, since a similar assessment must be performed under the Endangered Species Act.

**Topic category:** Fisheries

**Keywords:** Gila trout, speckled dace

**County:**

**Title:** Comparative food habits of Gila trout and speckled dace in a southwestern headwater stream

**Author:** Van Eimeren, P.A.

**Date:** 1988

**Publication/journal/publisher:** M.S. Thesis, New Mexico State University, Las Cruces, New Mexico

**Type of document:** M.S. Thesis

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** NMSU Library

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Results of investigations regarding diets of Gila trout and speckled dace.

**Topic category:** Fisheries

**Keywords:** loach minnow

**County:**

**Title:** Autumn spawning and other reproductive notes on loach minnow, a threatened cyprinid fish of the American southwest

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**Author:** Vives, S.P. and W.L. Minckley

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**Date:** 1990

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**Publication/journal/publisher:** Southwestern Naturalist 35: 451-454

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**Type of document:** Journal Article

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**Source of document / Search method (phone, internet, library, etc.):**

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**Purchase Price:**

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**Web site address:**

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**Document Location:** University of New Mexico Library, Jstor

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**Work initiated by:**

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**Work funded by:**

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**Type of review:**

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**Location of Work:**

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**Abstract or brief summary:**

Authors report observation of autumn spawning of loach minnow and additional reproductive behavior observations.

**Topic category:** Fisheries

**Keywords:** Gila topminnow

**County:**

**Title:** Gila topminnow, *Poeciliopsis occidentalis occidentalis* Revised Recovery Plan

**Author:** Weedman, D.A.

**Date:** 1998

**Publication/journal/publisher:** USFWS, Albuquerque, New Mexico

**Type of document:** PDF, Technical Report

**Source of document / Search method (phone, internet, library, etc.):** Internet

**Purchase Price:**

**Web site address:**

<http://www.fws.gov/southwest/es/Arizona/Documents/SpeciesDocs/GilaTopminnow/gtop94fn.pdf>

**Document Location:** On internet

**Work initiated by:** USFWS

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Provides information on biology and status of Gila Topminnow as well as recovery objectives and management strategies for recovering the species.

**Topic category:** Fisheries

**Keywords:** Gila River, fishes, parasites

**County:**

**Title:** Parasites of fishes in the Gila River drainage of southwestern New Mexico USA

**Author:** Wier, W., L.F. Mayberry, H.G. Kinzrm, and P.R. Turner

**Date:** 1983

**Publication/journal/publisher:** Journal of Wildlife Diseases 19: 59-60

**Type of document:** Journal Article

**Source of document / Search method (phone, internet, library, etc.):**

**Purchase Price:**

**Web site address:**

**Document Location:** JSTOR

**Work initiated by:**

**Work funded by:**

**Type of review:**

**Location of Work:**

**Abstract or brief summary:**

Authors document parasites recovered from five species of Gila Drainage fishes.