



# Upper Colorado River Endangered Fish Recovery Program

Stephen D. Guertin, Chairman  
Implementation Committee

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Recovery Program

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# Nonnative Fish Management River Specific Fact Sheets 2011

# Colorado River

**Between Rifle, Colorado (River Mile 240) and the Westwater boat landing (River Mile 128) near the Colorado-Utah State Line, including the lower two miles of the Gunnison River below the Redlands Diversion Dam**

**Who:** U.S. Fish and Wildlife Service, Grand Junction, Colorado  
Colorado Division of Wildlife, Grand Junction, Colorado

**What:** Smallmouth bass, largemouth bass, other centrarchids (sunfish species), northern pike and walleye. During a single trip from Rifle to Debeque Canyon, these species will be captured and euthanized. On the first trip from Palisade to the Colorado-Utah Stateline, smallmouth bass will be marked and released back into the river. During 10 subsequent trips, smallmouth bass, and the other species listed, will be captured and euthanized.

**When:** April through September, 2011

**Why:** See related questions and answers.

**Contact:** U.S. Fish and Wildlife Service, Grand Junction, Colorado  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

Colorado Division of Wildlife, Denver, Colorado  
Harry Crockett, 970-472-4339, harry.crockett@state.co.us

Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
Debbie Felker, 303-969-7322, ext. 227, debbie\_felker@fws.gov  
Pat Martinez, 970-245-9319, ext. 41, patrick\_martinez@fws.gov

## **Other Recovery Program studies/activities within this river section:**

- Sediment and channel monitoring
- Floodplain topographical surveys
- Stocking of endangered fishes; monitoring of stocked fish
- Colorado pikeminnow monitoring/population estimate
- Humpback chub monitoring/population estimate

**NOTE: Nonnative fish management is only one piece of the recovery puzzle. Recovery efforts are also underway to provide river flows, restore habitat, construct fish screens and maintain and operate fish passages, produce and stock endangered fish, and monitor results. For more information, visit the Upper Colorado River Endangered Fish Recovery Program's website: [ColoradoRiverRecovery.org](http://ColoradoRiverRecovery.org).**

4/6/2011

# Duchesne River

## **Between the town of Myton, Utah (River Mile 40) and the Green River confluence.**

**Who:** U.S. Fish and Wildlife Service, Vernal, Utah  
Utah Division of Wildlife Resources, Vernal, Utah  
Ute Indian Tribe Fish and Wildlife Department, Ft. Duchesne, Utah

**What:** Smallmouth bass: one trip during high flows and one trip during low flows to gage the current distribution and abundance of smallmouth bass to determine if more intensive removal efforts need to be applied. All smallmouth bass will be tagged and released to better understand how this population uses habitats in the Green River mainstem.

Northern pike: Any northern pike encountered will be removed and euthanized.

**When:** April through October, 2011

**Why:** See related questions and answers.

**Contact:** U.S. Fish and Wildlife Service, Vernal, Utah  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

Ute Indian Tribe Fish and Wildlife Department, Ft. Duchesne, Utah  
Jay Groves, 435-725-4816, jayg@utetribe.com

Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
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Pat Martinez, 970-245-9319, ext. 41, patrick\_martinez@fws.gov

### **Other Recovery Program studies/activities within this river section:**

-Sediment monitoring

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4/6/2011

# Green River

## **Between Brown's Park (River Mile 398) and Rainbow Park (River Mile 328) in Colorado and Utah**

**Who:** Colorado State University, Fort Collins, Colorado  
U.S. Fish and Wildlife Service, Vernal, Utah

**What:** Smallmouth bass. During two sampling trips, smallmouth bass will be removed and euthanized.

Northern pike, burbot Any northern pike and burbot captured during sampling trips will be removed and euthanized.

**When:** June through September, 2011

**Why:** See related questions and answers.

**Contact:** Colorado State University  
Kevin Bestgen, 970-491-1848, kbestgen@cnr.colostate.edu

U.S. Fish and Wildlife Service, Vernal, Utah  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

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### **Other Recovery Program studies/activities within this river section:**

- Sediment monitoring
- Fish community monitoring

## **Between Echo Park (River Mile 344) and Split Mountain (River Mile 319) in Utah**

**Who:** Utah Division of Wildlife Resources, Moab, Utah  
U.S. Fish and Wildlife Service, Vernal, Utah

**What:** Smallmouth bass. On the first trip, smallmouth bass will be marked and released back into the river. On 11 subsequent trips, smallmouth bass will be removed and euthanized.

Northern pike, walleye, and burbot. On all 12 trips, any of these species encountered will be removed and euthanized.

**When:** July through October, 2011

**Why:** See attached questions and answers.

**Contact:** Utah Division of Wildlife Resources, Moab, Utah  
Paul Badame, 435-259-3780, paulbadame@utah.gov

U.S. Fish and Wildlife Service, Grand Junction, Colorado  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
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Pat Martinez, 970-245-9319, ext. 41, patrick\_martinez@fws.gov

### **Other Recovery Program studies/activities within this section of river:**

- Sediment monitoring
- Larval razorback sucker drift and entrainment study
- Stocking of endangered fishes
- Colorado pikeminnow monitoring/population estimates (smallmouth bass, northern pike, walleye, and burbot captured incidentally will be euthanized)
- Larval Colorado pikeminnow and larval razorback sucker monitoring
- White sucker removal

## **Between Split Mountain (River Mile 319) and the Sand Wash boat launch (River Mile 215) in Utah**

**Who:** Utah Division of Wildlife Resources, Vernal, Utah

**What:** Smallmouth bass. On 11 of 12 sampling trips, smallmouth bass will be removed and euthanized. On the third trip, smallmouth bass will be marked and released back into the river.

Northern pike, walleye, burbot. On all trips, any of these species encountered will be removed and euthanized. During weekly trips (March-April), northern pike will be removed and euthanized.

**When:** Late-March through October, 2011

**Why:** See attached questions and answers.

**Contact:** Utah Division of Wildlife Resources, Vernal, Utah  
Matt Breen, 435-790-9785, mattbreen@utah.gov

U.S. Fish and Wildlife Service, Grand Junction, Colorado  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

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### **Other Recovery Program studies/activities within this river section:**

- Sediment monitoring
- Larval razorback sucker drift and entrainment study
- Stocking of endangered fishes
- Colorado pikeminnow monitoring/population estimates (smallmouth bass, northern pike, walleye, and burbot captured incidentally will be euthanized)
- Larval Colorado pikeminnow and larval razorback sucker monitoring
- Larval Colorado pikeminnow survival study in backwater nursery habitats
- White sucker removal
- Floodplain habitat monitoring

**Desolation Canyon between the Sand Wash boat launch (River Mile 215) and Swasey's Rapid (River Mile 132) in Utah**

- Who:** Utah Division of Wildlife Resources, Moab, Utah
- What:** Smallmouth bass. On two trips, smallmouth bass will be removed and euthanized.  
Northern pike, walleye, burbot. Any of these species encountered will be removed and euthanized.
- When:** Mid-July through mid-August, 2011
- Why:** See attached questions and answers.
- Contact:** Utah Division of Wildlife Resources, Moab, Utah  
Paul Badame, 435-259-3780, paulbadame@utah.gov  
  
Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
Debbie Felker, 303-969-7322, ext. 227, debbie\_felker@fws.gov  
Pat Martinez, 970-245-9319, ext. 41, patrick\_martinez@fws.gov

**Other Recovery Program studies/activities within this river section:**

- Colorado pikeminnow monitoring/population estimates (smallmouth bass, northern pike, walleye, and burbot captured incidentally will be euthanized)
- Humpback chub monitoring

**NOTE: Nonnative fish management is only one piece of the recovery puzzle. Recovery efforts are also underway to provide river flows, restore habitat, construct fish screens and maintain and operate fish passages, produce and stock endangered fish, and monitor results. For more information, visit the Upper Colorado River Endangered Fish Recovery Program's website: [ColoradoRiverRecovery.org](http://ColoradoRiverRecovery.org).**

4/21/11

# Yampa River

## **Between Hayden (River Mile 177) and Craig (River Mile 135) in Colorado**

**Who:** U.S. Fish and Wildlife Service, Vernal, Utah

**What:** Northern pike. On seven trips during high flows, northern pike will be removed and relocated to the Yampa State Park Headquarters pond , to provide angling opportunity for the public.

Smallmouth bass. On all trips, smallmouth bass will be removed and euthanized.

**When:** April through June, 2011

**Why:** See related questions and answers.

**Contact:** U.S. Fish and Wildlife Service, Vernal, Utah  
Dale Ryden, 970-245-9319, ext. 2519, dale\_ryden@fws.gov

Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
Debbie Felker, 303-969-7322, ext. 227, debbie\_felker@fws.gov  
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### **Other Recovery Program studies/activities within this river section:**

- None

## **Between Craig, Colorado (River Mile 134) and near Cross Mountain Canyon (River Mile 61) in Colorado**

**Who:** Colorado Division of Wildlife, Grand Junction, Colorado

**What:** Northern pike. On the first trip, northern pike will be marked with an external tag and released back into the river. On subsequent trips during high flows (five minimum), northern pike will be removed and relocated to the Yampa State Park Headquarters pond, to provide angling opportunity for the public. On trips during low flows in July, northern pike will be removed and euthanized.

Smallmouth bass. On one sampling pass, smallmouth bass will be marked with an external tag and released back into the river. On subsequent trips throughout the entire sampling season (five minimum), all smallmouth bass captured will be euthanized.

**When:** April through July, 2011

**Why:** See attached questions and answers.

**Contact:** Colorado Division of Wildlife, Denver, Colorado  
Harry Crockett, 970-472-4339, [harry.crockett@state.co.us](mailto:harry.crockett@state.co.us)

Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado  
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Pat Martinez, 970-245-9319, ext. 41, [patrick\\_martinez@fws.gov](mailto:patrick_martinez@fws.gov)

### **Other Recovery Program studies/activities within this river section:**

- Smallmouth bass experiment to evaluate removal effectiveness
- Native and endangered fish response evaluation
- Colorado pikeminnow monitoring/population estimates (smallmouth bass, northern pike, walleye, and burbot captured incidentally will be euthanized)

**Within Little Yampa Canyon (River Mile 100 to 124) and within Lily Park (River Mile 51 to 56) in Colorado**

**Who:** Colorado State University, Fort Collins, Colorado

**What:** Smallmouth bass. On one sampling trip, smallmouth bass will be marked with an external tag and released back into the river. On subsequent trips, smallmouth bass will be removed and euthanized. In past years, smallmouth bass greater than 10 inches in length were relocated to Elkhead Reservoir. This relocation effort was halted in 2011 due to excessive escapement of smallmouth bass from the reservoir. In late summer, crews will sample shoreline habitats with electric seines to remove and euthanize young smallmouth bass from 12 miles of Little Yampa Canyon and in Lily Park.

Northern pike. On the first trip, northern pike will be marked with an external tag and released back into the river. On subsequent trips during high flows, northern pike will be removed and relocated to the Yampa State Park Headquarters pond to provide angling opportunity for the public. On trips during low flows in July, northern pike will be removed and euthanized.

White sucker and common carp. On smallmouth bass and northern pike removal trips, crews will determine if white sucker and common carp can also be effectively removed without compromising the primary objective of smallmouth bass and northern pike management. All fish will be euthanized.

**When:** April through August, 2011

**Why:** See attached questions and answers.

**Contact:** Colorado Division of Wildlife, Denver, Colorado  
Harry Crockett, 970-472-4339, [harry.crockett@state.co.us](mailto:harry.crockett@state.co.us)

Colorado State University, Fort Collins, Colorado  
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Pat Martinez, 970-245-9319, ext. 41, [patrick\\_martinez@fws.gov](mailto:patrick_martinez@fws.gov)

**Other Recovery Program studies/activities within this river section:**

- Native and endangered fish response evaluation
- Colorado pikeminnow monitoring/population estimates (smallmouth bass, northern pike, walleye, and burbot captured incidentally will be euthanized)

## **Yampa Canyon Between Dinosaur National Monument (River Mile 46) and the Green River Confluence (RM 0) in Colorado**

**Who:** U.S. Fish and Wildlife Service, Vernal, Utah

**What:** Smallmouth bass. On the first trip, smallmouth bass will be marked with an external tag and released back into the river. On six subsequent trips, smallmouth bass will be removed and euthanized.

Channel catfish. On all seven trips, any channel catfish encountered that are greater than 15 inches in length will be removed and euthanized. Smaller channel catfish will be returned to the river.

Northern pike. Any northern pike captured will be removed and euthanized.

**When:** June through July, 2011

**Why:** See attached questions and answers.

**Contact:** U.S. Fish and Wildlife Service, Vernal, Utah  
Dale Ryden, 970-245-9319, ext. 25, dale\_ryden@fws.gov

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Pat Martinez, 970-245-9319, ext. 41, patrick\_martinez@fws.gov

### **Other Recovery Program studies/activities within this river section:**

- Sediment monitoring
- Larval Colorado pikeminnow and razorback sucker monitoring

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