

Summary

Conservation Status

Distribution

Image

Comprehensive

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Comprehensive Report: Record 1 of 1 selected.

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Freshwater Drum

Unique Identifier: AFCQH01010

Informal Taxonomy: Animals, Vertebrates - Fishes

- Bony Fishes - Other Bony Fishes



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Kingdom	Phylum	Class	Order	Family	Genus
Animalia	Craniata	Actinopterygii	Perciformes	Sciaenidae	Aplodinotus

Genus Size: A - Monotypic genus**Concept Reference:** Robins, C. R., et al. 1991. Common and scientific names of fishes from the United States and Canada. American Fisheries Society, Special Publishing 20. 183 pp.**Concept Reference Code:** B91ROB01NAUS**Name Used in Concept Reference:** *Aplodinotus grunniens***Taxonomic Comments:** Monotypic genus; the only North American freshwater representative of a large family.**Conservation Status****NatureServe Status****Global Status:** G5**Global Status Last Reviewed:** 25Sep1996**Global Status Last Changed:** 25Sep1996**Rounded Global Status:** G5**Nation:** United States**National Status:**

N5

Nation: Canada**National Status:**

N5

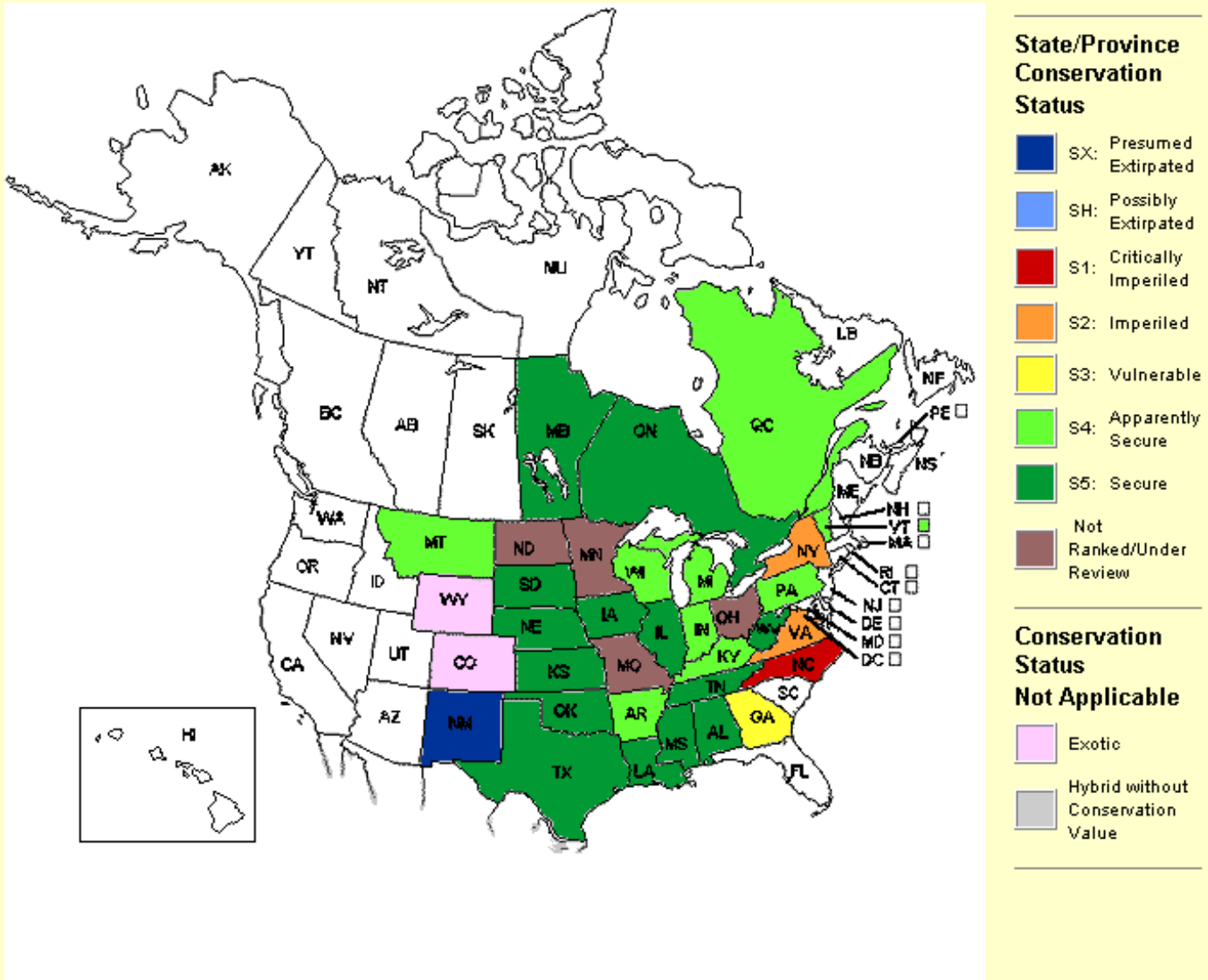
U.S. & Canada State/Province Status

United States	Alabama (S5), Arkansas (S4), Colorado (SNA), Georgia (S3S4), Illinois (S5), Indiana (S4), Iowa (S5), Kansas (S5), Kentucky (S4S5), Louisiana (S5), Michigan (S4S5), Minnesota (SNR), Mississippi (S5), Missouri (SNR), Montana (S4), Nebraska (S5), New Mexico (SX), New York (S2), North Carolina (S1?), North Dakota (SNR), Ohio (SNR), Oklahoma (S5), Pennsylvania (S4), South Dakota (S5), Tennessee (S5), Texas (S5), Vermont (S4), Virginia (S2), West Virginia (S5), Wisconsin (S4), Wyoming (SNA)
Canada	Manitoba (S5), Ontario (S5), Quebec (S4)

Other Statuses**NatureServe Conservation Status Factors**

Distribution

U.S. States and Canadian Provinces



Endemism: occurs (regularly, as a native taxon) in multiple nations

U.S. & Canada State/Province Distribution	
United States	AL, AR, CO, GA, IA, IL, IN, KS, KY, LA, MI, MN, MO, MS, MT, NC, ND, NE, NM, NY, OH, OK, PA, SD, TN, TX, VA, VT, WI, WV, WY
Canada	MB, ON, QC

Range Map

No map available.

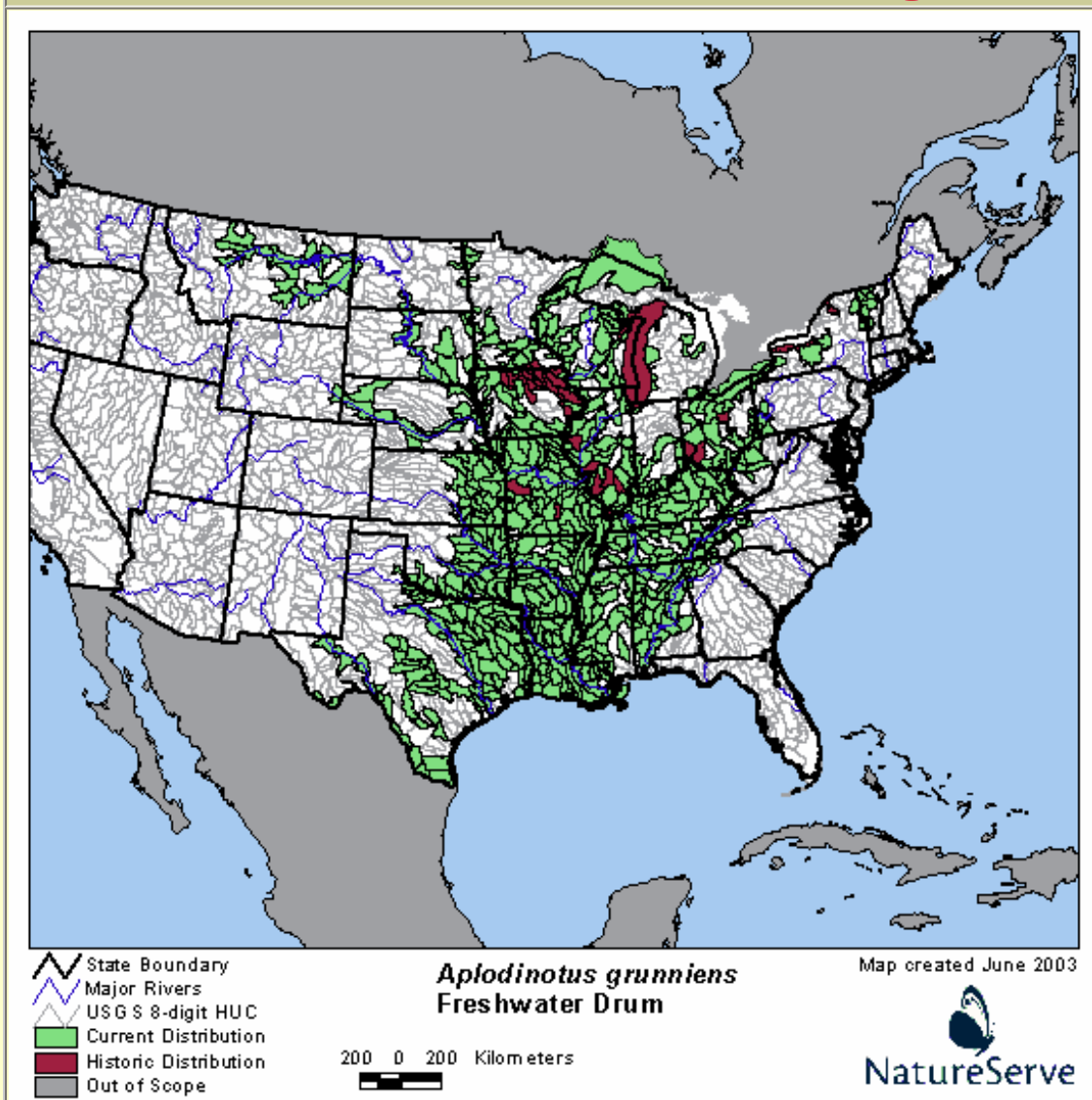
Global Range Comments: St. Lawrence-Great Lakes, Hudson Bay, and Mississippi River basins from Quebec to northern Manitoba and southern Saskatchewan, south to the Gulf Coast; Gulf Coast drainages from Mobile Bay system, Alabama and Georgia, through eastern Mexico to Rio Usumacinta system, Guatemala (Page and Burr 1991).

U.S. Distribution by County (based on available natural heritage records) ?

State	County Name (FIPS Code)
NC	Madison (37115)
NY	Erie (36029)
VA	Russell (51167), Scott (51169)

U.S. Distribution by Watershed (based on available natural heritage records) ?

Watershed Region ?	Watershed Name (Watershed Code)
04	Buffalo-Eighteenmile (04120103)
06	Upper French Broad (06010105), Upper Clinch (06010205)

U.S. Distribution by Watershed (based on multiple information sources) ?**Economic Attributes****Management Summary**

Ecology & Life History

Reproduction Comments: Spawns in spring or summer at water temperatures of 19-22 C; eggs hatch in 1-2 days; males generally sexually mature in 2-4 years, females in 4-6 years (Becker 1983).

Ecology Comments

Schooling species.

Habitat Type: Freshwater

Non-Migrant: N

Locally Migrant: N

Long Distance Migrant: N

Riverine Habitat(s): BIG RIVER, Low gradient, MEDIUM RIVER

Lacustrine Habitat(s): Deep water, Shallow water

Habitat Comments: Seems to prefer large silty lakes and medium to large rivers but occurs in wide variety of habitats (Lee et al. 1980, Page and Burr 1991). Usually in open water over mud bottom. Spawns pelagically in open water, usually far from shore; eggs float at surface (Becker 1983).

Adult Food Habits: Invertivore, Piscivore

Immature Food Habits: Invertivore, Piscivore

Food Comments: Young feed mainly on minute crustaceans; adults mostly are bottom feeders, eat insect larvae, crustaceans, fishes, and (mostly in rivers) clams and snails (Becker 1983, Scott and Crossman 1973, Lee et al. 1980).

Adult Phenology: Circadian

Immature Phenology: Circadian

Phenology Comments: Activity and feeding greatly reduced in winter; apparently will feed at all hours (Becker 1983).

Weight: 18000 grams

Population/Occurrence Delineation

Population/Occurrence Viability

Authors/Contributors

Element Ecology & Life History Edition Date: 28Apr1993

Element Ecology & Life History Author(s): Hammerson, G.

Zoological data developed by NatureServe and its network of natural heritage programs (see [Local Programs](#)) and other contributors and cooperators (see [Sources](#)).

References

- ALLEN, CRAIG R., STEPHEN DEMARAIS, AND R. SCOTT LUTZ. 1994. RED IMPORTED FIRE ANT IMPACT ON WILDLIFE: AN OVERVIEW. TEXAS J. SCI. 46(1):51-59.
- ANDERSON, ALLISON A., CLARK HUBBS, KIRK O. WINEMILLER, AND ROBERT J. EDWARDS. 1995. TEXAS FRESHWATER FISH ASSEMBLAGES FOLLOWING THREE DECADES OF ENVIRONMENTAL CHANGE. SOUTHWEST. NAT. 40(3):314-321.
- Becker, G. C. 1983. Fishes of Wisconsin. Univ. Wisconsin Press, Madison. 1052 pp.
- Daiber, F. C. 1952. The food and feeding relationships of freshwater drum, APODINOTUS GRUNNIENS (Rafinesque), in western Lake Erie. Ohio J. Sci. 52(1):35-46.
- Douglas, Neil H. 1974. Freshwater fishes of Louisiana. Claitor's publ. div. Baton Rouge, Louisiana. 443 pp.
- Edsall, T.A. 1967. Biology of the freshwater drum in west-ern Lake Erie. Ohio J. Sci. 67(6):321-340.
- Etnier, David A. and Wayne C. Starnes. 1993. The Fishes of Tennessee. University of Tennessee Press, Knoxville. 681 pp.
- Everhart, W. H. and W. R. Seaman. 1971. Fishes of Colorado. Colorado Game, Fish and Parks.
- GEORGE, C.J. 1980. THE FISHES OF THE ADIRONDACK PARK. NYS DEPT. ENVIRON. CONSERV. ALBANY, NY 94 PP.
- Lee, D. S., C. R. Gilbert, C. H. Hocutt, R. E. Jenkins, D. E. McAllister, and J. R. Stauffer, Jr. 1980. Atlas of North American Freshwater Fishes. North Carolina State Museum of Natural History. 867 pp.
- Nelson, J. S. 1984. Fishes of the world. Second edition. John Wiley & Sons, New York. xv + 523 pp.
- Page, L. M., and B. M. Burr. 1991. A field guide to freshwater fishes: North America north of Mexico. Houghton Mifflin Company, Boston, Massachusetts. 432 pp.
- Phelps, A., C. B. Renaud, and F. Chapleau. 2000. First record of a freshwater drum, APLODINOTUS GRUNNIENS, in the Rideau River, Ottawa, Ontario. Canadian Field-Naturalist 114:121-125.
- Priegel, G. R. 1967c. The freshwater drum-its life history, ecology, and management. Wis. Dep. Nat. Resour. Publ. 236. 15 pp.
- ROSS, STEPHEN T. 1996. INLAND FISHES OF MISSISSIPPI. SELECTED SPECIES ACCOUNTS. COAUTHORED WITH W. M. BRENNEMAM, W.T. SLACK, M.T. O'CONNELL, AND T.L. PETERSON. ILLUSTRATED BY D.G. ROSS. DRAFT COPY.
- Robins, C. R., et al. 1991. Common and scientific names of fishes from the United States and Canada. American Fisheries Society, Special Publishing 20. 183 pp.
- Scott, W. B., and E. J. Crossman. 1973. Freshwater fishes of Canada. Fisheries Res. Bd. Canada, Bull. 184. 966 pp.
- Scott, W.B. and E.J. Crossman. 1979. Freshwater Fishes of Canada. Fisheries Research Board of Canada, Ottawa. 966 pp.
- Smith, C.L. 1985. The Inland Fishes of New York State. New York State Department of Environmental Conservation. Albany, NY. 522pp.
- Smith, P. W. 1979. The fishes of Illinois. Univ. Illinois Press, Urbana. 314 pp.
- WERNER, R.G. 1980. FRESHWATER FISHES OF NEW YORK STATE. N.Y.: SYRACUSE UNIV. PRESS. 186 PP.

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Note: This report was printed on **May 18, 2005** .

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Citation for data on website including Watershed and State Distribution maps:

NatureServe. 2005. NatureServe Explorer: An online encyclopedia of life [web application]. Version 4.4. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: May 18, 2005).

Citation for Bird Range Maps of North America:

Ridgely, R.S., T.F. Allnutt, T. Brooks, D.K. McNicol, D.W. Mehlman, B.E. Young, and J.R. Zook. 2003.

Digital Distribution Maps of the Birds of the Western Hemisphere, version 1.0. NatureServe, Arlington, Virginia, USA.

Acknowledgement Statement for Bird Range Maps of North America:

"Data provided by NatureServe in collaboration with Robert Ridgely, James Zook, The Nature Conservancy - Migratory Bird Program, Conservation International - CABS, World Wildlife Fund - US, and Environment Canada - WILDSPACE."

Citation for Mammal Range Maps of North America:

Patterson, B.D., G. Ceballos, W. Sechrest, M.F. Tognelli, T. Brooks, L. Luna, P. Ortega, I. Salazar, and B. E. Young. 2003. Digital Distribution Maps of the Mammals of the Western Hemisphere, version 1.0. NatureServe, Arlington, Virginia, USA.

Acknowledgement Statement for Mammal Range Maps of North America:

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NOTE: Full metadata for the Bird Range Maps of North America is available at:

<http://www.natureserve.org/library/birdDistributionmapsmetadatav1.pdf>.

Full metadata for the Mammal Range Maps of North America is available at:

<http://www.natureserve.org/library/mammalsDistributionmetadatav1.pdf>.

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