

## References for green sturgeon 4(d) rule

- Adams, W. E., L. W. Kallemeyn, and D. W. Willis. 2006. Lake sturgeon population characteristics in Rainy Lake, Minnesota and Ontario. *Journal of Applied Ichthyology* **22**:97-102.
- Bigelow, J. P., and R. R. Johnson. 1996. Estimates of survival and condition of juvenile salmonids passing through the downstream migrant fish protection facilities at Red Bluff Diversion Dam on the Sacramento River, spring and summer 1994. Red Bluff Research Pumping Plant Report Series, Volume 1. U.S. Fish and Wildlife Service Annual Report. Northern Central Valley Fish and Wildlife Office, Red Bluff, California.
- Brown, K. 2007. Evidence of spawning by green sturgeon, *Acipenser medirostris*, in the upper Sacramento River, California. *Environmental Biology of Fishes* **79**:297-303.
- Buell, J. W. 1992. Fish entrainment monitoring of the Western-Pacific dredge *RW Lofgren* during operations outside the preferred work period. Buell & Associates, Inc. Prepared for the Western-Pacific Dredging Company.
- California Department of Fish and Game. 2002. California Department of Fish and Game comments to NMFS regarding green sturgeon listing. California Department of Fish and Game. 79 pp (plus appendices).
- California Department of Fish and Game. 2003. DFG takedown of sturgeon, caviar poachers involve mother/son ringleaders. *in* DFG News Release. <http://www.dfg.ca.gov/news/news03/03038.html>.
- California Department of Fish and Game. 2004. DFG breaks up Delta sturgeon poaching ring; four arrested. *in* DFG Newsroom News Release. <http://www.dfg.ca.gov/news/news04/04040.html>.
- California Department of Fish and Game. 2006. DFG targets 20 for arrest in statewide sturgeon and abalone poaching bust. DFG Newsroom News Release. <http://www.dfg.ca.gov/news/news06/06073.html>.
- Cohen, A. 1997. Sturgeon poaching and black market caviar: a case study. *Environmental Biology of Fishes* **48**:423-426.
- Cooke, D. W., and S. D. Leach. 2004. Implications of a migration impediment on shortnose sturgeon spawning. *North American Journal of Fisheries Management* **24**:1460-1468.
- Davis, J. A., M. D. May, B. K. Greenfield, R. Fairey, C. Roberts, G. Ichikawa, M. S. Stoelting, J. S. Becker, and R. S. Tjeerdema. 2002. Contaminant concentrations in sport fish from San Francisco Bay, 1997. *Marine Pollution Bulletin* **44**:1117-1129.
- Deng, X., J. P. Van Eenennaam, and S. I. Doroshov. 2002. Comparison of early life stages and growth of green and white sturgeon. *American Fisheries Society Symposium* **28**:237-248.
- Domagalski, J. L., D. L. Knifong, P. D. Dileanis, L. R. Brown, J. T. May, V. Connor, and C. N. Alpers. 2000. Water quality in the Sacramento River Basin, California, 1994-98. U.S. Geological Survey, Sacramento, CA.

- Erickson, D. L., J. A. North, J. E. Hightower, J. Weber, and L. Lauck. 2002. Movement and habitat use of green sturgeon *Acipenser medirostris* in the Rogue River, Oregon, USA. *Journal of Applied Ichthyology* **18**:565-569.
- Fairey, R., K. Taberski, S. Lamerdin, E. Johnson, R. P. Clark, J. W. Downing, J. Newman, and M. Petreas. 1997. Organochlorines and other environmental contaminants in muscle tissues of sportfish collected from San Francisco Bay. *Marine Pollution Bulletin* **34**:1058-1071.
- Feist, G. W., M. A. H. Webb, D. T. Gundersen, E. P. Foster, C. B. Schreck, A. G. Maule, and M. S. Fitzpatrick. 2005. Evidence of detrimental effects of environmental contaminants on growth and reproductive physiology of white sturgeon in impounded areas of the Columbia River. *Environmental Health Perspectives* **113**:1675-1682.
- Foster, E. P., M. S. Fitzpatrick, G. W. Feist, C. B. Schreck, and J. Yates. 2001a. Gonad organochlorine concentrations and plasma steroid levels in white sturgeon (*Acipenser transmontanus*) from the Columbia River, USA. *Bulletin of Environmental Contamination and Toxicology* **67**:239-245.
- Foster, E. P., M. S. Fitzpatrick, G. W. Feist, C. B. Schreck, J. Yates, J. M. Spitsbergen, and J. R. Heidel. 2001b. Plasma androgen correlation, EROD induction, reduced condition factor, and the occurrence of organochlorine pollutants in reproductively immature white sturgeon (*Acipenser transmontanus*) from the Columbia River, USA. *Archives of Environmental Contamination and Toxicology* **41**:182-191.
- Gaines, P. D., and C. D. Martin. 2002. Abundance and seasonal, spatial and diel distribution patterns of juvenile salmonids passing the Red Bluff Diversion Dam, Sacramento River. U. S. Fish and Wildlife Service, Red Bluff, CA.
- Greenfield, B. K., J. A. Davis, R. Fairey, C. Roberts, D. Crane, and G. Ichikawa. 2005. Seasonal, interannual, and long-term variation in sport fish contamination, San Francisco Bay. *Science of the Total Environment* **336**:25-43.
- Harrell, B., and T. Sommer. 2006. Fishing the flood: research studies in California's Yolo Bypass. *Pisces: Newsletter of the California-Nevada Chapter of the American Fisheries Society* **35**:20-24.
- Herren, J. R., and S. S. Kawasaki. 2001. Inventory of water diversions in four geographic areas in California's Central Valley. Pages 343-355 in R. L. Brown, editor. *Fish Bulletin 179: Contributions to the Biology of Central Valley Salmonids, Volume 2*. Scripps Institution of Oceanography Library, Fish Bulletin: 179.
- Heublein, J. C. 2006. Migration of green sturgeon *Acipenser medirostris* in the Sacramento River. M.S. San Francisco State University.
- Israel, J. A., J. F. Cordes, M. A. Blumberg, and B. May. 2004. Geographic patterns of genetic differentiation among collections of green sturgeon. *North American Journal of Fisheries Management* **24**:922-931.
- Kaufman, R. C., A. G. Houck, and J. J. Cech Jr. 2008. Effects of dietary selenium and methylmercury on green and white sturgeon bioenergetics in response to changed environmental conditions. in 5th Biennial CALFed Science Conference, Sacramento, CA.

- Kruse, G. O., and D. L. Scarnecchia. 2002. Assessment of bioaccumulated metal and organochlorine compounds in relation to physiological biomarkers in Kootenai River white sturgeon. *Journal of Applied Ichthyology* **18**:430-438.
- Kynard, B., E. Parker, and T. Parker. 2005. Behavior of early life intervals of Klamath River green sturgeon, *Acipenser medirostris*, with a note on body color. *Environmental Biology of Fishes* **72**:85-97.
- Linville, R. G., S. N. Luoma, L. Cutter, and G. A. Cutter. 2002. Increased selenium threat as a result of invasion of the exotic bivalve *Potamocorbula amurensis* into the San Francisco Bay-Delta. *Aquatic Toxicology* **57**:51-64.
- Moser, M., and S. Lindley. 2006. Use of Washington estuaries by subadult and adult green sturgeon. *Environ. Biol. fish* **79**:243-253.
- Moser, M. L., and S. W. Ross. 1995. Habitat use and movements of shortnose and Atlantic sturgeons in the lower Cape Fear River, North Carolina. *Transactions of the American Fisheries Society* **124**:225-234.
- National Marine Fisheries Service. 1998. Endangered Species Act - Section 7 Consultation, Draft Biological Opinion: California Toxics Rule. Issued to the U.S. Environmental Protection Agency.
- National Marine Fisheries Service. 2000. Endangered Species Act - Section 7 Consultation, Final Biological Opinion: California Toxics Rule. Issued to the U.S. Environmental Protection Agency.
- National Marine Fisheries Service. 2006. Biological Opinion on nine Corps permits for sand mining in the San Francisco Bay-Delta estuary, California. National Marine Fisheries Service, Southwest Region, Long Beach, CA.
- National Marine Fisheries Service. 2008. Endangered Species Act - Section 7 Consultation, Biological Opinion: Environmental Protection Agency Registration of Pesticides Containing Chlorpyrifos, Diazinon, and Malathion. Issued to the U.S. Environmental Protection Agency, November 18, 2008. Headquarters Office, Silver Spring, Maryland.
- Nguyen, R. M., and C. E. Crocker. 2006. The effects of substrate composition on foraging behavior and growth rate of larval green sturgeon, *Acipenser medirostris*. *Environmental Biology of Fishes* **79**:231-241.
- Nobriga, M. L., Z. Matica, and Z. P. Hymanson. 2004. Evaluating entrainment vulnerability to agricultural irrigation diversions: A comparison among open-water fishes. *American Fisheries Society Symposium* **39**:281-295.
- Owens, P. N., R. J. Batalla, A. J. Collins, B. Gomez, D. M. Hicks, A. J. Horowitz, G. M. Kondolf, M. Marden, M. J. Page, D. H. Peacock, E. L. Peticrew, W. Salomons, and N. A. Trustrum. 2005. Fine-grained sediment in river systems: Environmental significance and management issues. *River Research and Applications* **21**:693-717.
- Radtke, L. D. 1966. Distribution of smelt, juvenile sturgeon, and starry flounder in the Sacramento-San Joaquin Delta with observations on food of sturgeon. *Fish Bulletin* **136**:115-129.
- Scrivener, J. C., and M. J. Brownlee. 1989. Effects of forest harvesting on spawning gravel and incubation survival of chum (*Oncorhynchus keta*) and coho salmon (*O. kisutch*) in Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences* **46**:681-696.
- Webb, M. A. H., G. W. Feist, M. S. Fitzpatrick, E. P. Foster, C. B. Schreck, M. Plumlee, C. Wong, and D. T. Gundersen. 2006. Mercury concentrations in gonad, liver, and

muscle of white sturgeon *Acipenser transmontanus* in the lower Columbia River. Archives of Environmental Contamination and Toxicology **50**:443-451.

Williamson, D. F. 2003. Caviar and conservation: Status, management, and trade of North American sturgeon and paddlefish. TRAFFIC North America, Washington, D.C.: World Wildlife Fund.

### **Federal Register**

- U.S. Federal Register, Volume 65 No. 132 (65 FR 42481). July 10, 2000. Limitation on Section 9 protections applicable to salmon and steelhead listed as threatened under the Endangered Species Act (ESA), for action under Tribal Resource Management Plans.
- U.S. Federal Register, Volume 68 No. 19 (68 FR 4433). January 29, 2003. Endangered and threatened wildlife and plants: 12-month finding on a petition to list North American green sturgeon as a threatened or endangered species.
- U.S. Federal Register, Volume 70 No. 10 (70 FR 2664). January 14, 2005. Final bulletin: Final Information Quality Bulletin for peer review.
- U.S. Federal Register, Volume 71 No. 67 (71 FR 17757). April 7, 2006. Final rule: Endangered and threatened wildlife and plants: Threatened status for Southern Distinct Population Segment of North American green sturgeon.
- U.S. Federal Register, Volume 70 No. 65 (70 FR 17386). April 6, 2005. Proposed rule: Endangered and threatened wildlife and plants: Proposed threatened status for Southern Distinct Population Segment of North American green sturgeon.
- U.S. Federal Register, Volume 73 No. 174 (73 FR 52084). September 8, 2008. Proposed rule: Endangered and threatened wildlife and plants: Proposed rulemaking to designate critical habitat for the threatened Southern Distinct Population Segment of North American green sturgeon.
- U.S. Federal Register, Volume 74 No. 97 (74 FR 23822). May 21, 2009. Proposed rule: Endangered and threatened wildlife and plants: Proposed rulemaking to establish take prohibitions for the threatened Southern Distinct Population Segment of North American green sturgeon.
- U.S. Federal Register, Volume 74 No. 195 (74 FR 52300). October 9, 2009. Final rule: Endangered and threatened wildlife and plants: Final rulemaking to designate critical habitat for the threatened Southern Distinct Population Segment of North American green sturgeon.