

1 **Appendix 9A**2 **Special-Status Aquatic Species**

3 Table 9A.1 presents a list special-status aquatic species that occur within the
4 study area and could be affected by changes under Alternatives 1 through 5 as
5 compared to the No Action Alternative and Second Basis of Comparison.

6 Special status aquatic species that occur or may occur within areas potentially
7 affected by actions that could occur under Alternatives 1 through 5 related to the
8 Central Valley Project and State Water Project operations or ecosystem
9 restoration activities. Impact potential is based on the likelihood of operational
10 changes or restoration actions to impact suitable habitat occurring in defined area
11 of analysis.

12 The area of analysis for operational changes includes open water areas of
13 reservoirs, rivers, and creeks; adjacent riparian vegetation; wetlands supported by
14 these waterbodies; and potential restoration areas in Yolo Bypass and Suisun
15 Marsh. Aquatic species are presented in alphabetical order based on
16 scientific name.

17 **Table 9A.1 Special-Status Aquatic Species**

Species or Population	Federal Status	State Status	Occurrence within Area of Analysis
River Lamprey	None	None	Feather River, American River, Sacramento River, Delta and Suisun Marsh, Stanislaus River, San Joaquin River
Pacific Lamprey	None	None	Trinity River, Klamath River, Clear Creek , Feather River, Sacramento River, American River, Delta, Stanislaus River, San Joaquin River
Green Sturgeon Southern DPS	Threatened	Species of Special Concern	Trinity River, Klamath River, Feather River , Sacramento River, Delta and Suisun Marsh
White Sturgeon	None	None	Trinity River, Klamath River, Feather River, Sacramento River, American River, San Joaquin River, Delta and Suisun Marsh
Eulachon Southern DPS	Threatened	None	Klamath River
Coho Salmon Southern Oregon/ Northern California Coast ESU	Threatened	Threatened	Trinity River, Klamath River

Appendix 9A: Special-Status Aquatic Species

Species or Population	Federal Status	State Status	Occurrence within Area of Analysis
Spring-run Chinook Salmon Upper Klamath-Trinity River ESU	Candidate	Species of Special Concern	Trinity River, Klamath River
Fall-/Late-Fall-run Chinook Salmon Central Valley ESU	None	Species of Special Concern	Clear Creek, Feather River, Sacramento River, American River, Stanislaus River, San Joaquin River, Delta and Suisun Marsh
Winter-run Chinook Salmon Sacramento River ESU	Endangered	Endangered	Sacramento River, Delta and Suisun Marsh
Spring-run Chinook Salmon Central Valley ESU	Threatened	Threatened	Clear Creek, Sacramento River, Feather River, American River, Delta and Suisun Marsh
Steelhead (winter- and summer-run) Klamath Mountains Province DPS	None	Species of Special Concern	Trinity River, Klamath River
Steelhead Central Valley DPS	Threatened	None	Clear Creek, Feather River, Sacramento River, American River, Stanislaus River, San Joaquin River, Delta and Suisun Marsh
Steelhead Central California Coast DPS	Threatened	None	San Francisco Bay region
Delta Smelt	Threatened	Endangered	Delta and Suisun Marsh
Longfin Smelt Bay Delta DPS	Candidate	Threatened	Delta and Suisun Marsh
Sacramento Splittail	None	Species of Special Concern	Feather River, American River, Sacramento River, Delta and Suisun Marsh, San Joaquin River
Hardhead	None	Species of Special Concern	Clear Creek, Feather River, Sacramento River, American River, Delta, Stanislaus River, San Joaquin River
Sacramento-San Joaquin Roach	None	Species of Special Concern	Clear Creek, Feather River, American River, Sacramento River, Delta, Stanislaus River, San Joaquin River

Species or Population	Federal Status	State Status	Occurrence within Area of Analysis
Striped Bass	None	None	Feather River, American River, Sacramento River, Delta and Suisun Marsh, Stanislaus River, San Joaquin River
American Shad	None	None	Trinity River, Feather River, American River, Sacramento River, Delta and Suisun Marsh, Stanislaus River, San Joaquin River
Black Bass (largemouth, smallmouth, spotted)	None	None	Trinity River, Feather River, American River, Sacramento River, Delta and Suisun Marsh, Stanislaus River, San Joaquin River
Killer Whale Southern Resident DPS	Endangered	None	Pacific Coast

- 1 Notes:
- 2 DPS = distinct population segment
- 3 ESU = evolutionarily significant unit

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