

Appendix F. Complete List of Stress/Source Combinations Identified by the Taxonomic Advisory Committees

This appendix contains the list of all stress and source combinations identified by the TACs. This includes those identified both for habitat groups (as shown in Appendix G) and those identified for individual species.

Stress	Stress Source
Change in channel morphology or bed structure	Agriculture
Changes to nutrient inputs	Agriculture
Fire: suppression	Agriculture
Habitat destruction	Agriculture
Habitat fragmentation	Agriculture
Herbicides and/or fungicides	Agriculture
Hydrologic regime alteration	Agriculture
Insecticides	Agriculture
Natural succession	Agriculture
Organic pollutants	Agriculture
Other aquatic stress	Agriculture
Sediment load alteration	Agriculture
Turbidity alteration	Agriculture
Habitat degradation	Atmospheric deposition
Metals	Atmospheric deposition
Other toxin	Atmospheric deposition
Air temperature changes	Climate alteration or atmospheric change
Habitat degradation	Climate alteration or atmospheric change
Hydrologic regime alteration	Climate alteration or atmospheric change
Other aquatic stress	Climate alteration or atmospheric change
Water temperature regime alteration	Climate alteration or atmospheric change
Intentional legal take	Economic use of species
Food supply or trophic structure changes	Exotic or introduced species
Habitat degradation	Exotic or introduced species
Habitat destruction	Exotic or introduced species
Predation	Exotic or introduced species
Change in channel morphology or bed structure	Forestry
Fire: suppression	Forestry
Food supply or trophic structure changes	Forestry
Habitat degradation	Forestry
Habitat destruction	Forestry
Habitat fragmentation	Forestry
Hydrologic regime alteration	Forestry
Insecticides	Forestry
Loss of ecological functions	Forestry
Natural succession	Forestry
Habitat destruction	Industrial: mineral extraction
Hydrologic regime alteration	Industrial: mineral extraction
Complications due to small populations	Industrial: other
Metals	Industrial: other

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Stress	Stress Source
Organic pollutants	Industrial: other
Other toxin	Industrial: other
Habitat destruction	Industrial: power generation
Unintentional capture or killing	Industrial: power generation
Change in channel morphology or bed structure	Municipal development
Changes to nutrient inputs	Municipal development
Fire: suppression	Municipal development
Habitat destruction	Municipal development
Habitat fragmentation	Municipal development
Herbicides and/or fungicides	Municipal development
Hydrologic regime alteration	Municipal development
Insecticides	Municipal development
Loss of ecological functions	Municipal development
Other toxin	Municipal development
Salinity regime alteration	Municipal development
Sediment load alteration	Municipal development
Competition	Native species
Genetic alteration (e.g., hybridization)	Native species
Habitat degradation	Native species
Habitat destruction	Native species
Hydrologic regime alteration	Native species
Other organismal stress	Native species
Parasitism	Native species
Predation	Native species
Fire: manipulation of timing or frequency	Other land management
Natural succession	Other land management
Unintentional capture/killing	Other land management
Intentional legal take	Other sources of stress
Habitat degradation	Recreational use of habitat
Other organismal stress	Recreational use of habitat
Changes to nutrient inputs	Roadways
Habitat destruction	Roadways
Habitat fragmentation	Roadways
Hydrologic regime alteration	Roadways
Organic pollutants	Roadways
Other toxin	Roadways
Salinity regime alteration	Roadways
Unintentional capture or killing	Roadways
Intentional legal take	Scientific use of species
Complications due to small populations	Source not appropriate
Habitat destruction	Source not appropriate
Intentional legal take	Source not appropriate
Complications due to small populations	Unknown
Food supply or trophic structure changes	Unknown