

Rules relevant to Amphibians effectiveness questions

This document is intended to provide a list of rules relevant to the following questions and associated Biological Goals and Objectives (BGOs) on amphibians. The AMPC will discuss this list of rules and then narrow it to those they are most interested in assessing via the adaptive management process. Note that the Columbia and Southern torrent salamanders are only found west of the crest of the cascades. Also, the AMPC explicitly excluded rules for yarding corridors and skid trails from these assessments.

Question 3. The following sub-questions are informed by direction from the PFA Report to “better understand how riparian and unstable slope protections of at least the current and proposed rules for private forestland impact persistence of populations.”¹ These questions are focused on the Columbia and Southern torrent salamanders.

Question 3.1. How do rules for no-harvest RMAs affect Columbia and Southern torrent salamanders’ habitat?

BGO from Draft PFA HCP:

Goal 2: Shade and watershed processes controlling stream temperature provide cool water compatible with the needs of the covered species.

Objective 2.2 – No-harvest RMAs maintain stream shade sufficient to support desired cool water temperatures for covered amphibians.

Note: Also, I assume that since there is a question that addresses Type N streams, the no-harvest RMAs for portions of Type N streams (e.g., 629-643-0105(3, 4)) are not to be addressed in this question. Goal 2 and Objective 2.2 keep the focus on RMAs that affect stream shade, thus no harvest RMAs for stream-adjacent wetlands and seeps/springs are included. Only the portions of the following rules associated with Type F and SSBT streams in western Oregon are to be addressed.

Rules relevant to question 3.1:

629-643-0100 Western Oregon; Standard Practice Vegetation Retention Prescription for Type F and Type SSBT Streams

629-643-0135 Standard Practice Vegetation Retention for Seeps and Springs, Side Channels, and Stream-Associated Wetlands (1, 3)

629-643-0140 Small Forestland Owner Minimum Option Vegetation Retention Prescription Requirements (2, 4)

629-643-0141 Western Oregon; Small Forestland Owner Minimum Management Option Prescription (1-5)

629-643-0145 Small Forestland Owner Minimum Option Prescription for Seeps and Springs (1, 3, 4)

629-635-310(1)(b) Wetlands and Side Channels – add additional 25 feet of required RMA width to entirely include any stream associated wetland or side channel

¹ Private Forest Accord Report, p. 121.

Question 3.2. How do rules for Type N streams affect Columbia and Southern torrent salamanders' habitat?

BGO from Draft PFA HCP:

Goal 3: Stream network connectivity satisfies freshwater habitat needs for covered species.

Objective 3.3 – Timber harvest maintains stream-associated connectivity in riparian areas along non-fish streams sufficient to support covered amphibians.

Note: Only the portions of the following rules applicable to Type N streams in western Oregon are to be addressed.

Rules relevant to question 3.2:

629-643-0105 Western Oregon Standard Practice Vegetation Retention Prescription for Type N Streams

629-643-0130 Standard Practice Requirements for Small Type N Streams

629-643-0135 Standard Practice Vegetation Retention for Seeps and Springs, Side Channels, and Stream-Associated Wetlands (1, 3)

629-643-0140 Small Forestland Owner Minimum Option Vegetation Retention Prescription Requirements

629-643-0141 Western Oregon; Small Forestland Owner Minimum Management Option Prescription

629-643-0143 Small Forestland Owners Small Type N Streams Vegetation Requirements

629-643-0145 Small Forestland Owner Minimum Option Prescription for Seeps and Springs (1, 3, 4)

629-643-0300 Alternative Vegetation Retention Prescriptions

629-660-0060 Headwater Amphibian Species

629-635-310(1)(b) Wetlands and Side Channels – add additional 25 feet of required RMA width to entirely include any stream associated wetland or side channel

Question 3.3. How do rules for steep/unstable slope protections affect Columbia and Southern torrent salamanders' habitat?

BGO from Draft PFA HCP:

Goal 4: Riparian areas function to support complex habitats for the covered species.

Objective 4.3 – Designated Debris Flow Traversal Areas function to deliver large wood to fish-bearing streams.

Objective 4.4 – Forest practices maintain stream-associated wetlands and stream-adjacent seep and spring habitat for amphibians.

Note: Div. 623 rules are designed to protect human infrastructure, and are thus excluded from consideration. Similarly, tethered logging is currently only permitted via Plans for Alternate Practices and are thus excluded from consideration.

Rules relevant to question 3.3:

629-625-0200 Road Location (3(b, h, i), 4, 5)

629-625-0310 Road Prism (1-5)

629-625-0330 Drainage (3)

629-625-0410 Disposal of Waste Materials (1,2)

629-625-0500 Rock Pits and Quarries (4)

629-625-0600 Road Maintenance (1(d, e), 2)

629-625-0650 Vacating Forest Roads and Water Crossings (2)

629-630-0150 Ground-Based Harvesting On Steep Or Erosion-Prone Slopes

629-630-0500 Harvesting on High Landslide Hazard Locations

629-630-0900 Western Oregon Harvests; Slopes Model

629-630-0905 Western Oregon Harvesting; Standard Practice; Designated Debris Flow Traversal Areas

629-630-0910 Western Oregon Harvesting; Standard Practice; Designated Sediment Source Areas and Slope Retention Areas

629-630-0915 Statewide Harvesting; Standard Practice; Stream Adjacent Failures

629-630-0920 Small Forestland Owner Minimum Option; Harvesting on Features Identified in the Slopes Model and Stream Adjacent Failures

629-630-0925 Written Plans to Evaluate Harvesting on Features Identified in the Slopes Model