

Pool Depth and Adult Cutthroat

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Species Information

Common Name: Cutthroat Trout
Genus: *Oncorhynchus clarkii*

Stressor Details

Stressor Name: Pool Depth
Units: m
Metric: Pool Depth
Scale: linear
Function Type: continuous
Vital Rate/Process: Density

Life Stage & Context

Life Stages: Adults
Geography: Umpqua Basin, Oregon

Descriptions

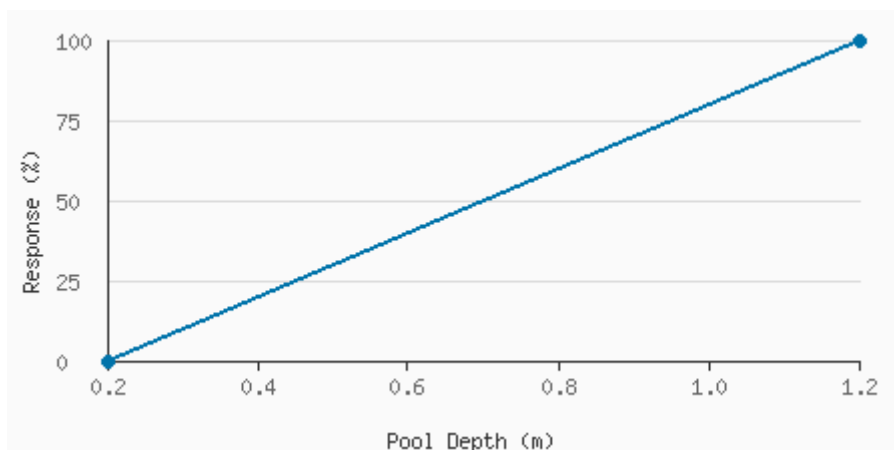
Overview

Figure 11B. Snorkel observations of adult cutthroat presence within pools of tributaries to the main and South Umpqua Basin, author's data.
Parr of all salmonid species strongly avoided areas with depths

Function Derivation

field study

Stressor Response Data



Stressor (m)	Mean System Capacity (%)	SD	low.limit	up.limit
0.195072	0	0	0	0
1.2192	100	0	100	100

Citations

Cramer, S. P., & Ackerman, N. K. (2009). Linking stream carrying capacity for salmonids to habitat features. In American Fisheries Society Symposium (Vol. 71, pp. 225-254).

References

Cramer & Ackerman 2009 - https://www.researchgate.net/profile/Steven-Cramer-4/publication/228343244_Linking_Stream_Carrying_Capacity_for_Salmonids_to_Habitat_Features/links/00b495193f52dd1bae000000/Linking-Stream-Carrying-Capacity-for-Salmonids-to-Habitat-Features.pdf