

# **ABUNDANCE AND DISTRIBUTION OF FISH IN CITY OF PORTLAND STREAMS**

**FINAL REPORT 2001-03**

**VOLUME 2 – SUPPLEMENTAL MAPS**

**Prepared for:**

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## OVERVIEW

This volume contains GIS-based maps of streams surveyed, which indicate where we found salmonids and lampreys during surveys from 2001 through 2003. Salmonids include cutthroat trout *Oncorhynchus clarki*, rainbow/steelhead *O. mykiss*, Chinook salmon *O. tshawytscha*, and coho salmon *O. kisutch*. Each is indicated separately. Lampreys include Pacific lamprey *Lampetra tridentata* and western brook lamprey *L. richardsoni*. Because of the difficulty in identifying lamprey ammocoetes to species in the field, maps indicate the distribution of both species together.

Information is limited to these species because (1) they are native species sensitive to habitat perturbations, (2) they are of cultural, commercial, or recreational importance to humans, and (3) they are either listed, candidates to be listed, or petitioned to be listed under the federal Endangered Species Act.

Although Volume 1 of this Final Report contains detailed information concerning fish surveys conducted in City of Portland streams from 2001-03, maps in this volume are designed to provide, at a glance, a visual reference to the distribution of these important species. Information can be used as a baseline for comparison to findings from future surveys.

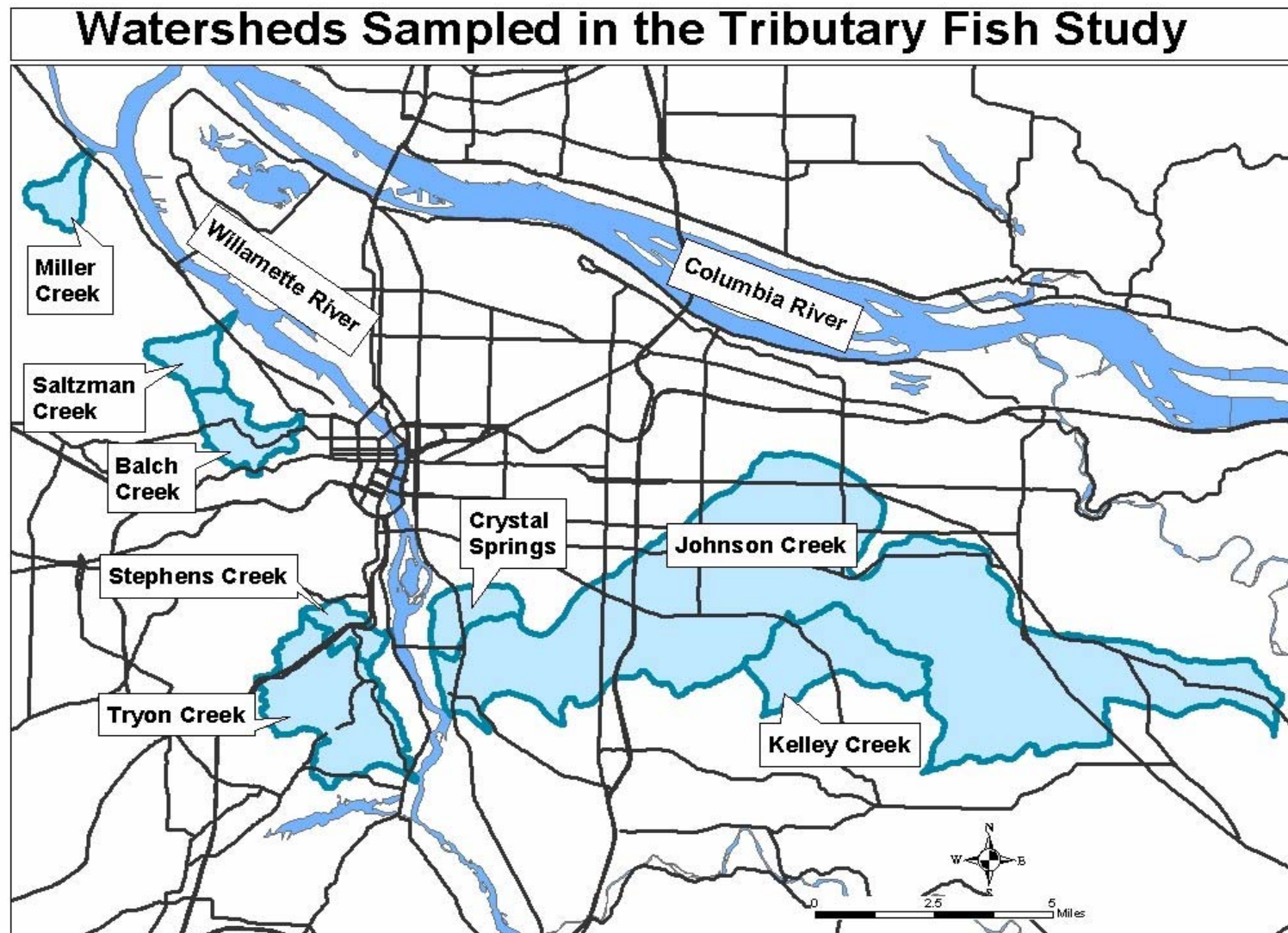


Figure 1. City of Portland streams surveyed from 2001-03. Watersheds for each stream are highlighted.

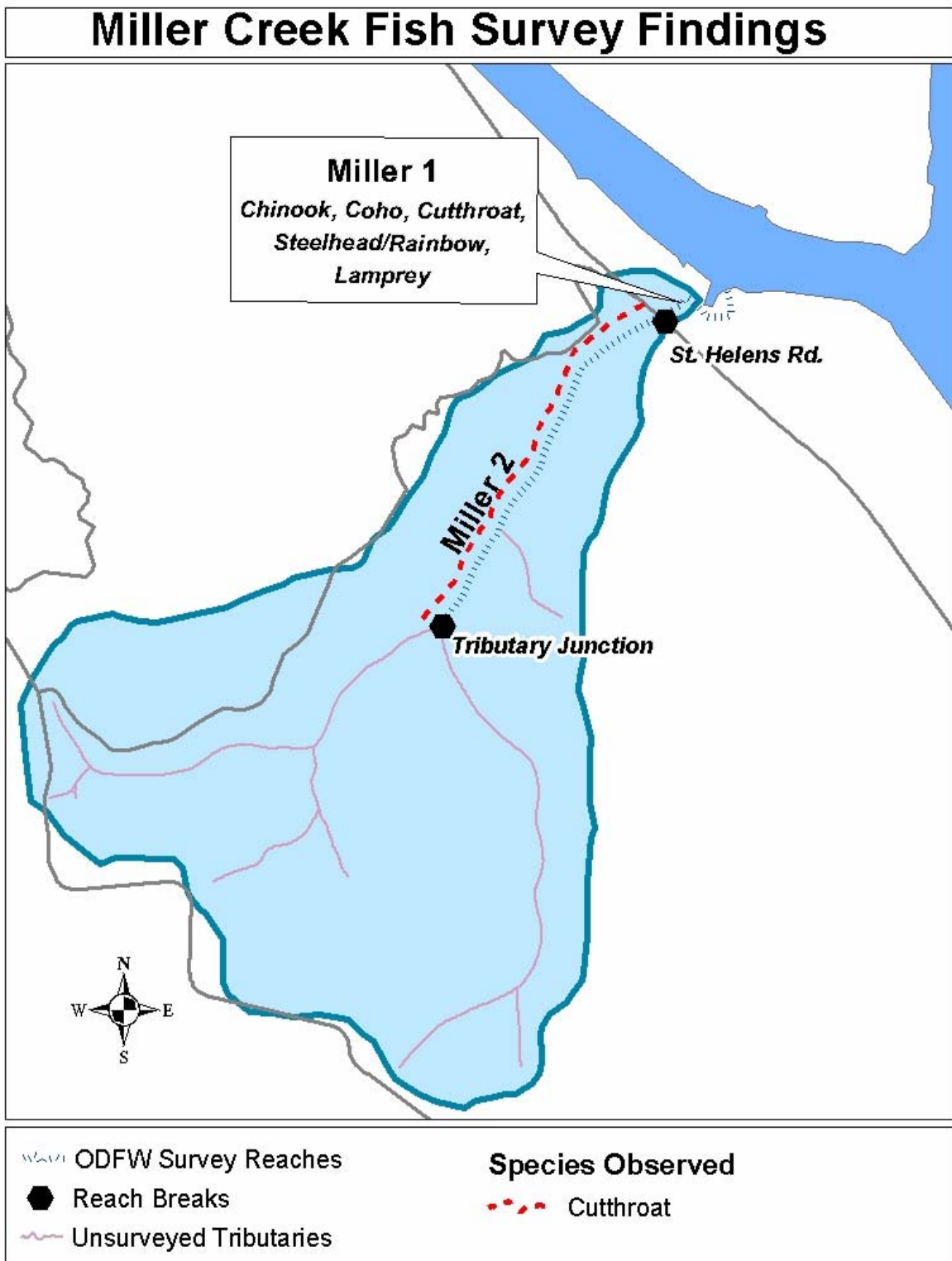


Figure 2. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Miller Creek, 2001-03. Only cutthroat trout were observed above Reach 1.

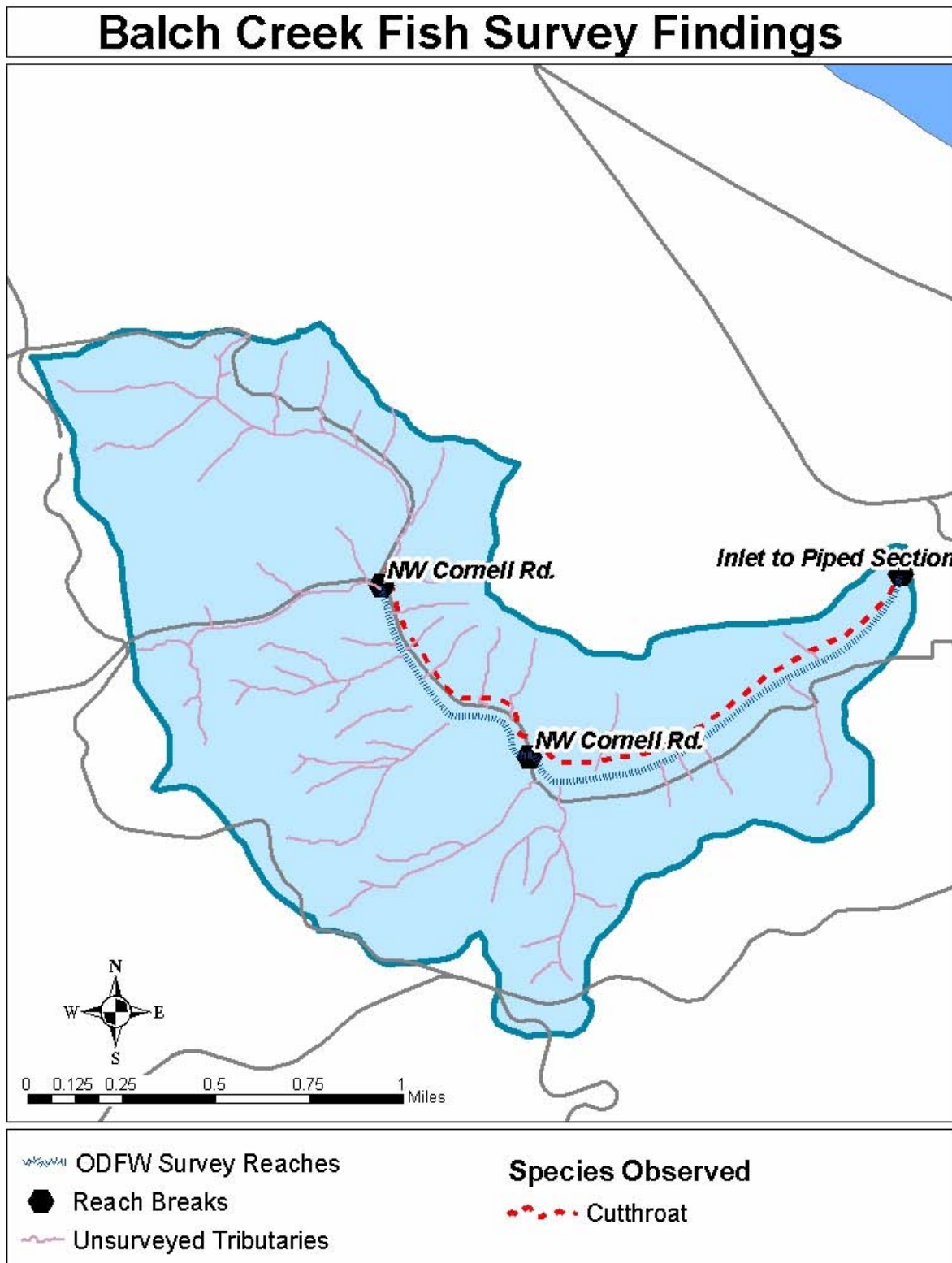


Figure 3. General distribution of salmonids in Balch Creek, 2001-03. Cutthroat trout were the only salmonid species observed. No lampreys were observed.



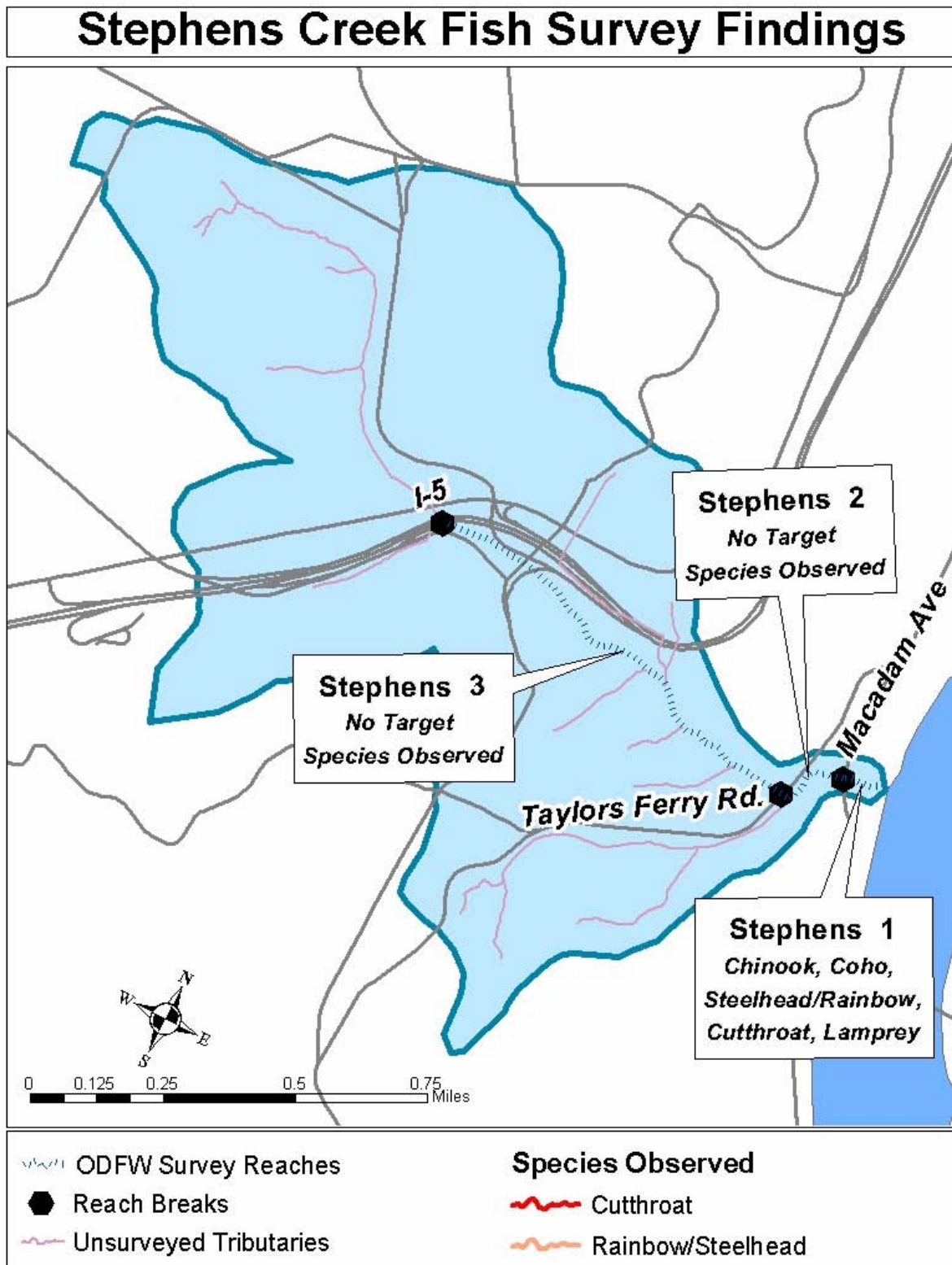


Figure 4. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Stephens Creek, 2001-03. No fish were observed upstream from Reach 1.

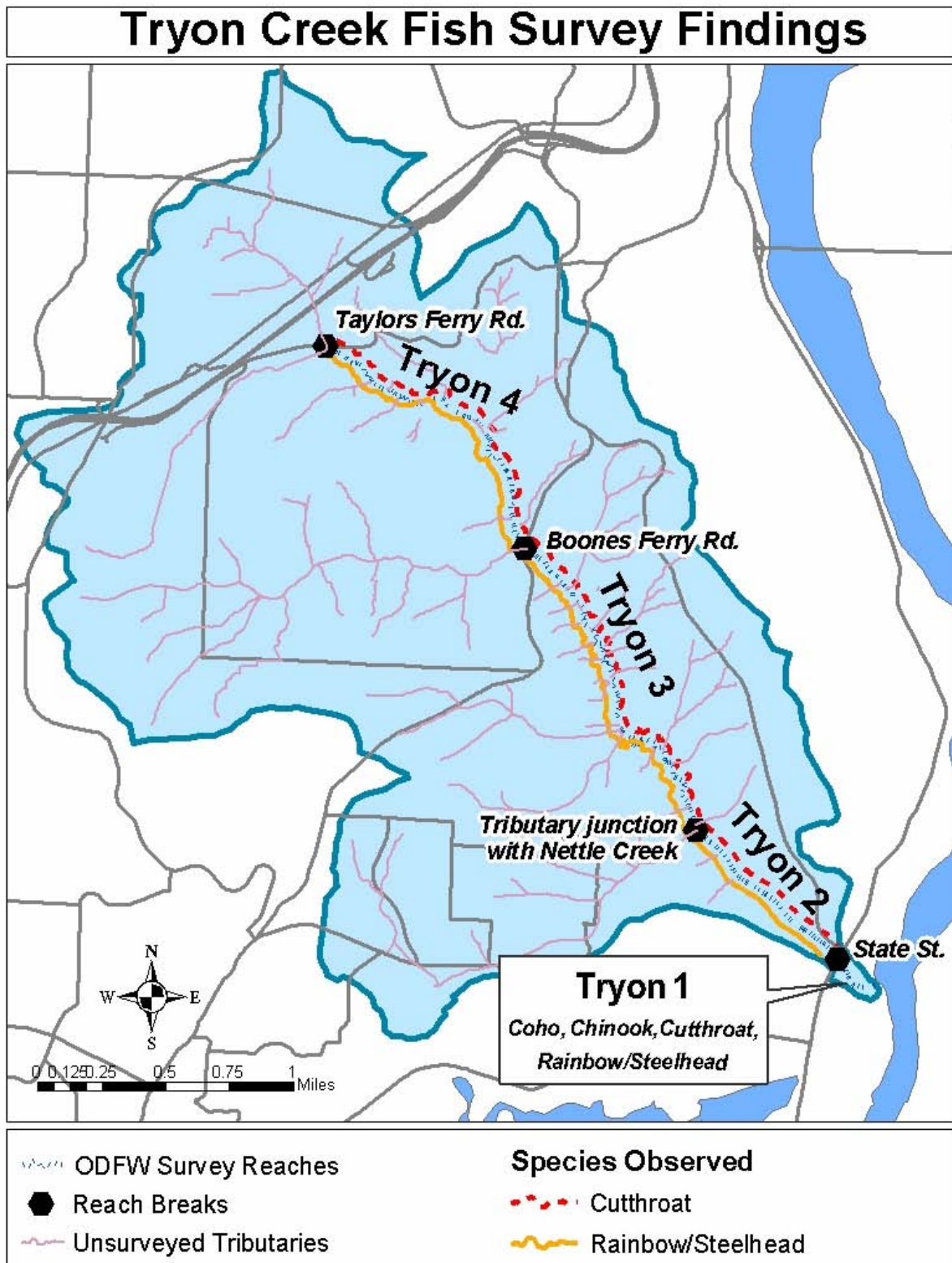


Figure 5. General distribution of salmonids in Tryon Creek, 2001-03. No lampreys were observed.



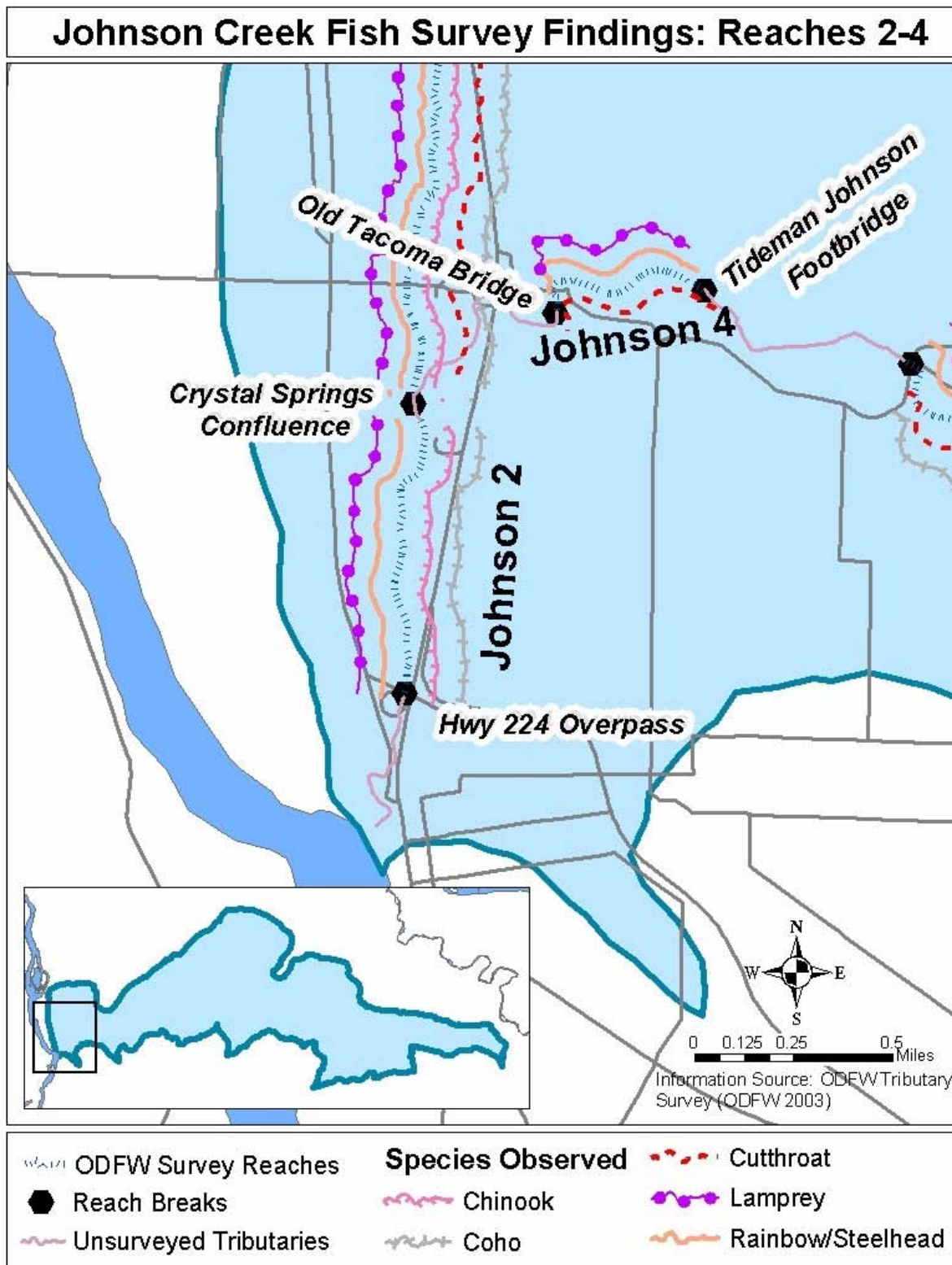


Figure 6. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Johnson Creek, reaches 2-4 (only even-numbered reaches were surveyed), 2001-03.

## Johnson Creek Fish Survey Findings: Reaches 6-8

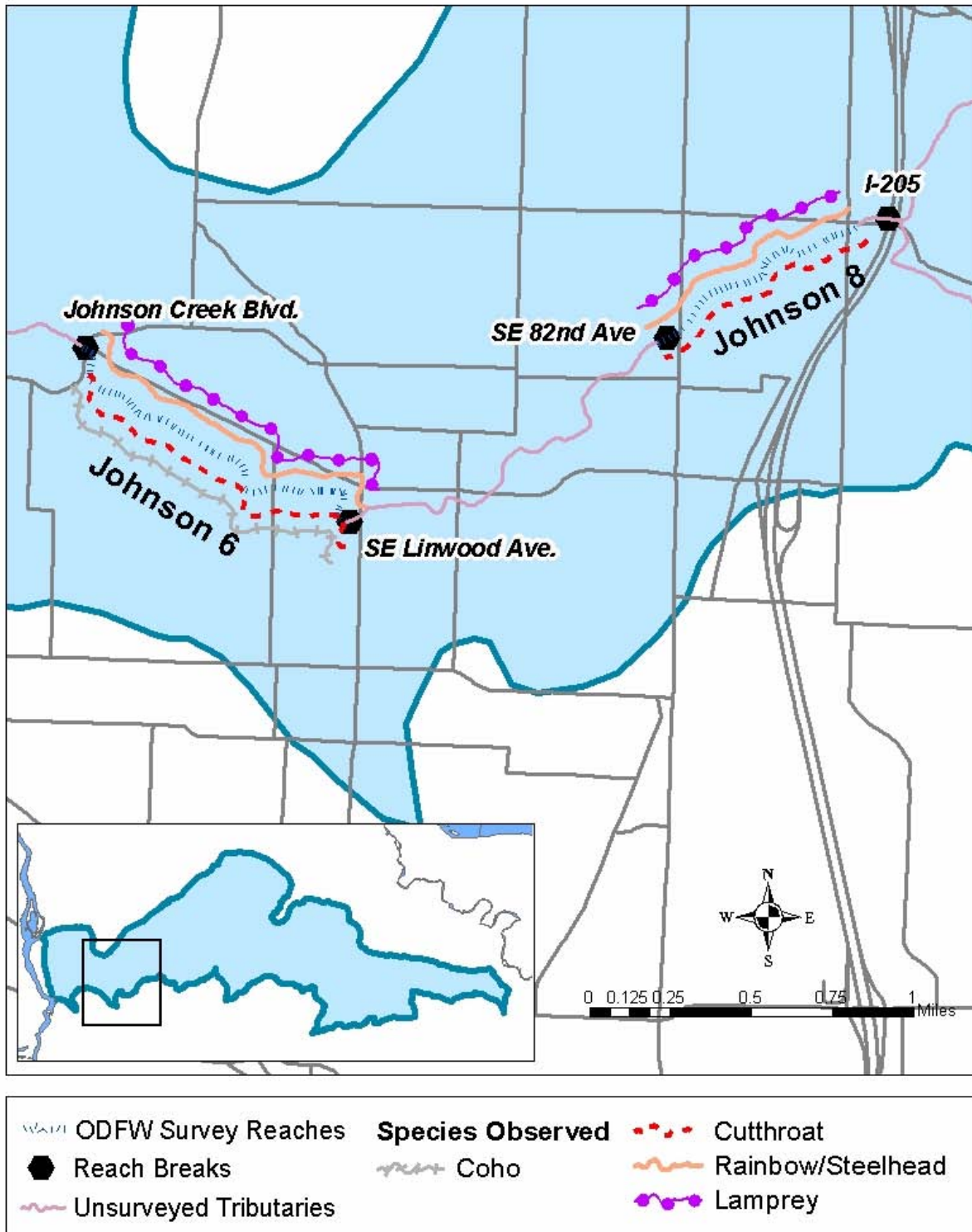


Figure 7. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Johnson Creek, reaches 6-8 (only even-numbered reaches were surveyed), 2001-03.

## Johnson Creek Fish Survey Findings: Reaches 10-12

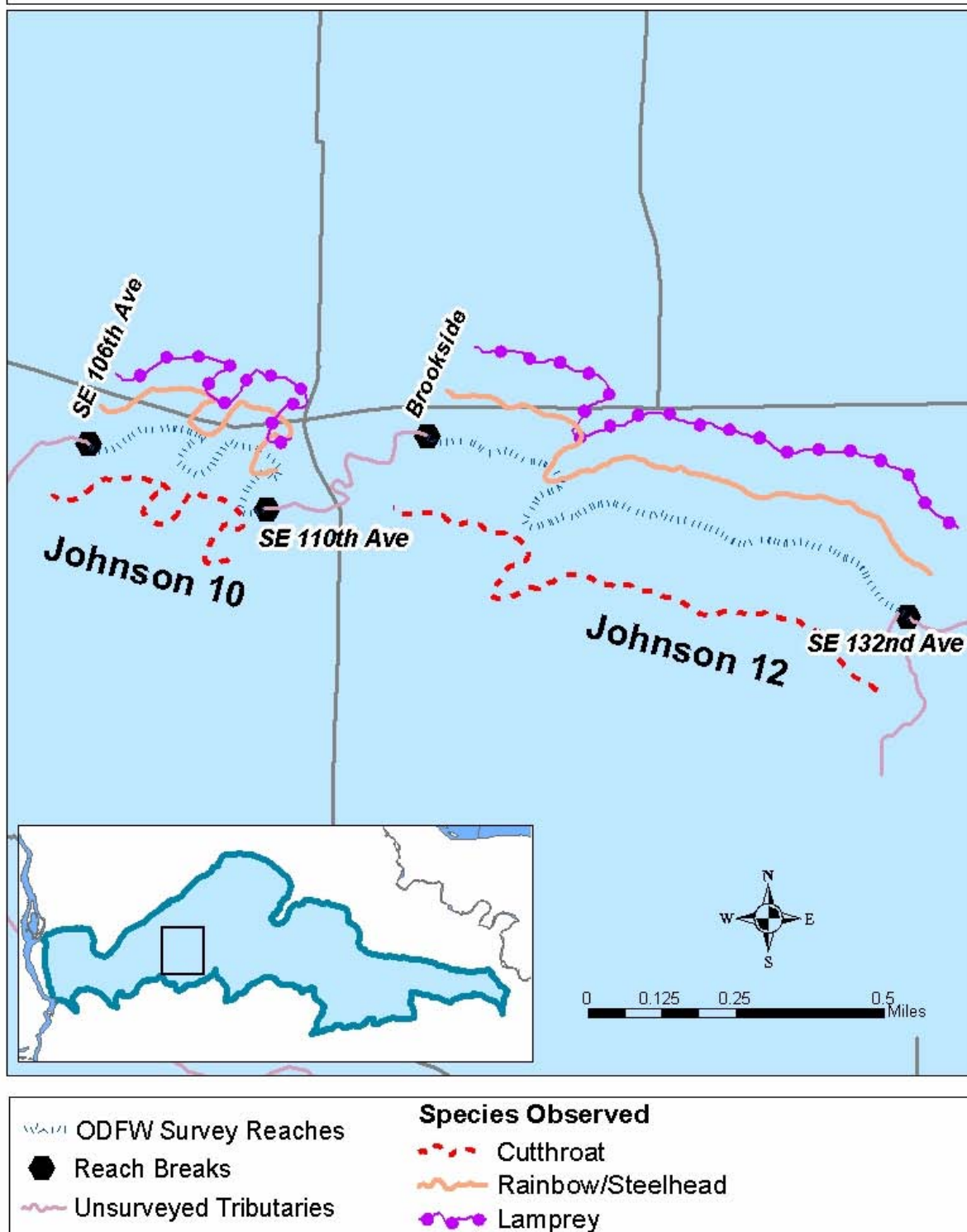


Figure 8. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Johnson Creek, reaches 10-12 (only even-numbered reaches were surveyed), 2001-03.



## Johnson Creek Fish Survey Findings: Reaches 14-16

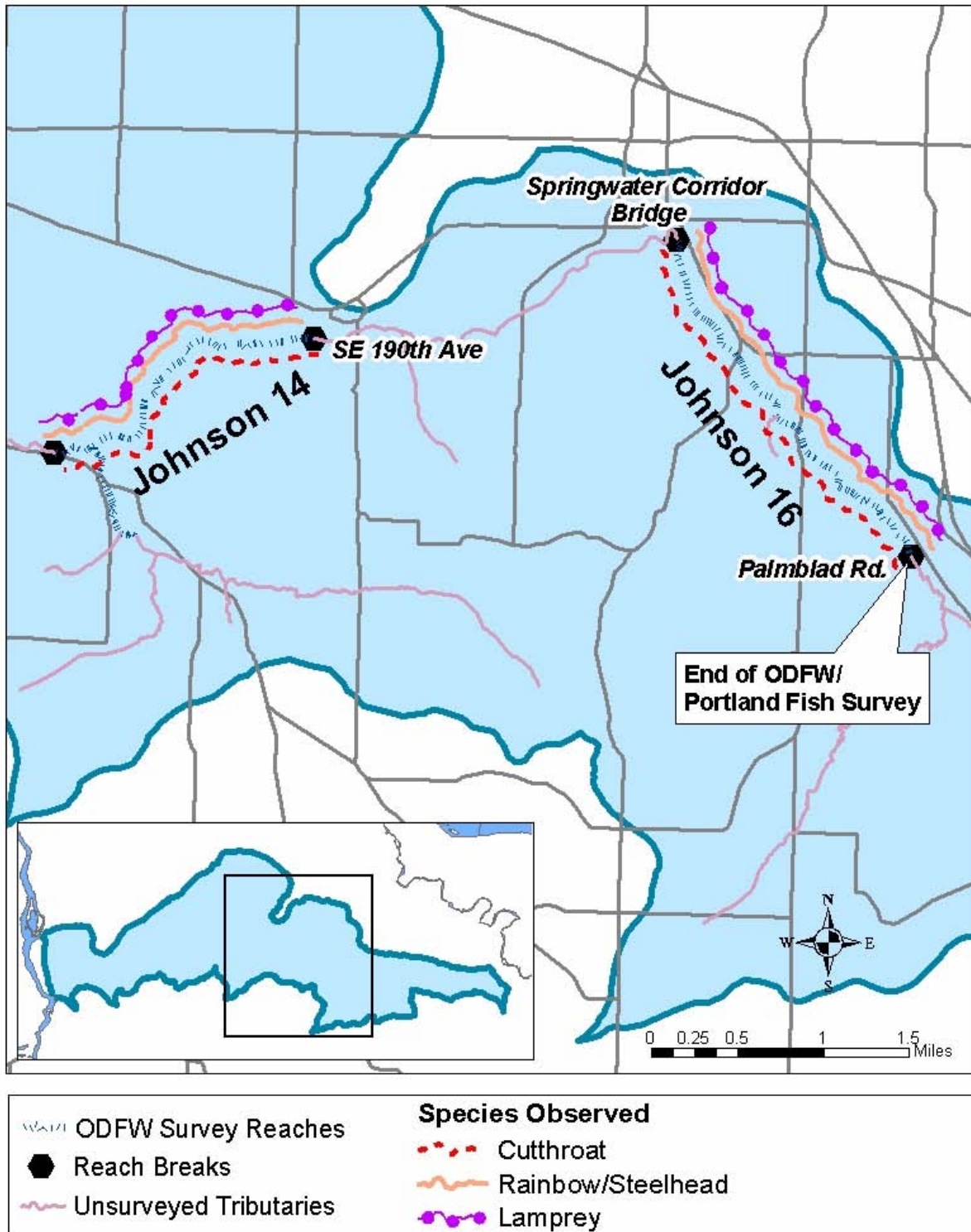


Figure 9. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Johnson Creek, reaches 14-16 (only even-numbered reaches were surveyed), 2001-03.

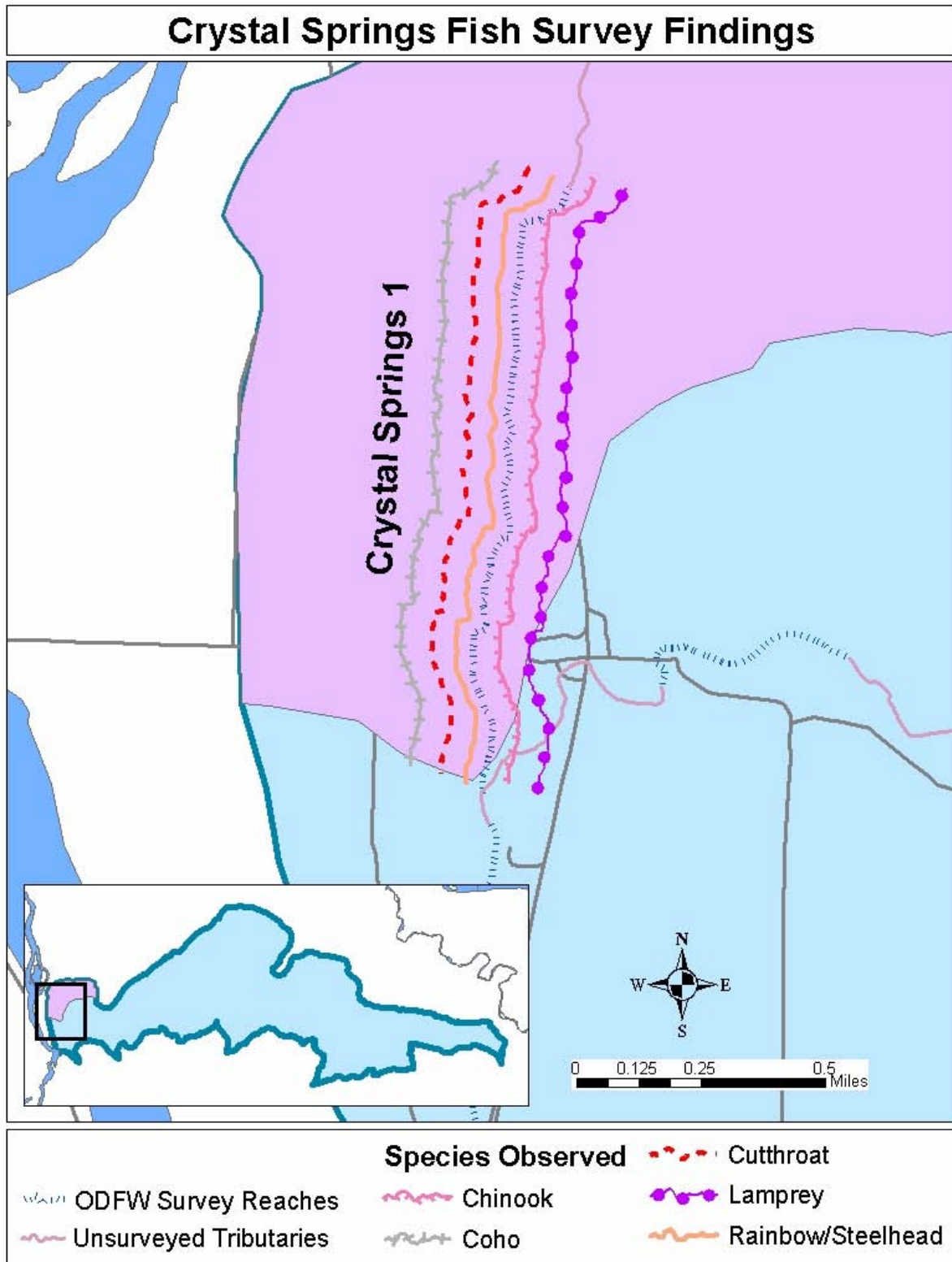


Figure 10. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Crystal Springs Creek, Johnson Creek watershed, 2001-03.

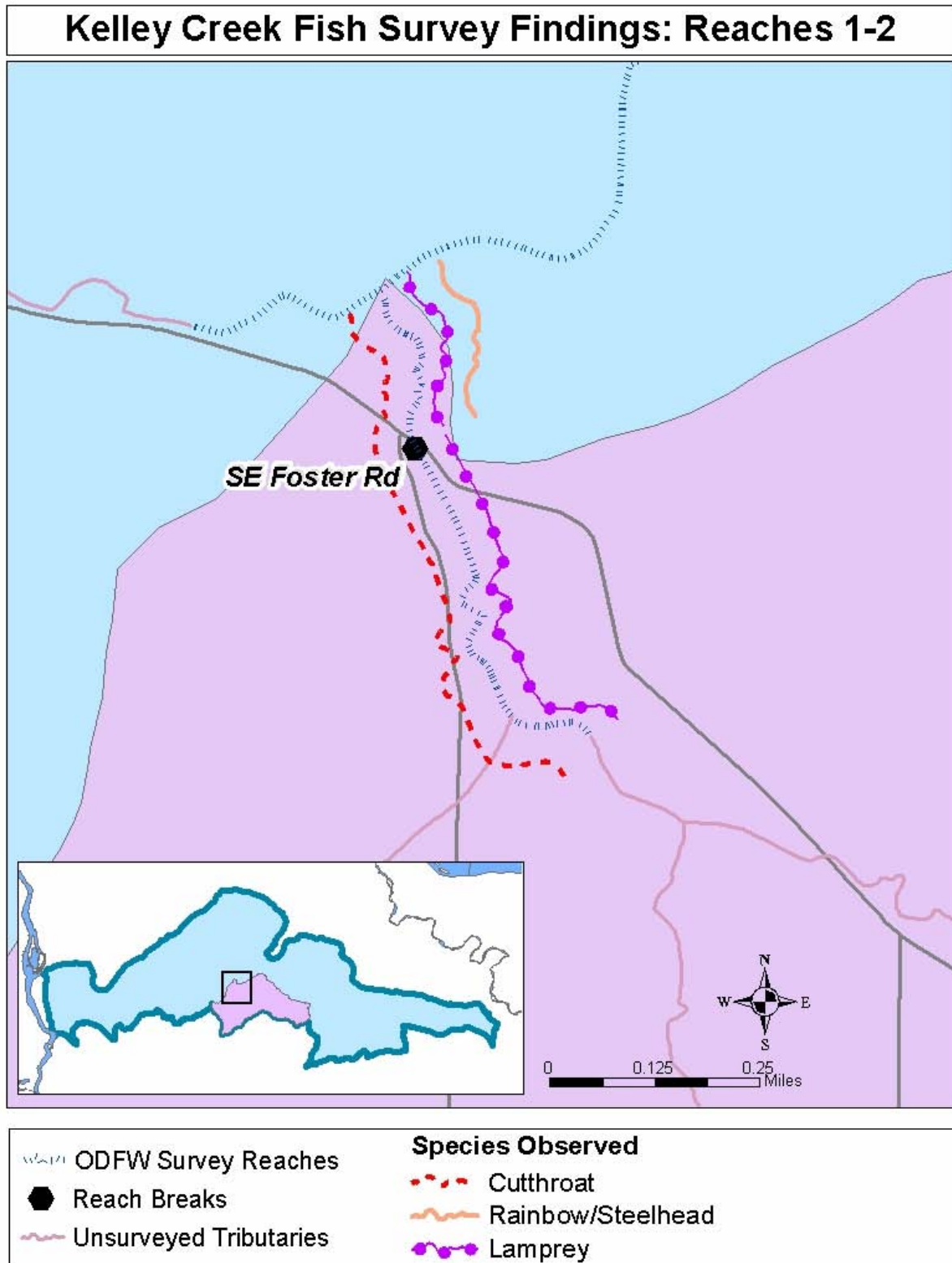


Figure 11. General distribution of salmonids and lampreys (Pacific lamprey and western brook lamprey) in Kelley Creek, Johnson Creek watershed, 2001-03.