

Forage Fish Distribution

Marine Shoreline of Snohomish County

Legend

- County Boundary
- Major Roads
- Railroads
- Streams
- WRIA Boundary
- City Boundary
- Surf Smelt Spawning
- Sand lance Spawning
- Herring Spawning
- Incorporated Areas
- Parks



Surf smelt eggs



Surf smelt



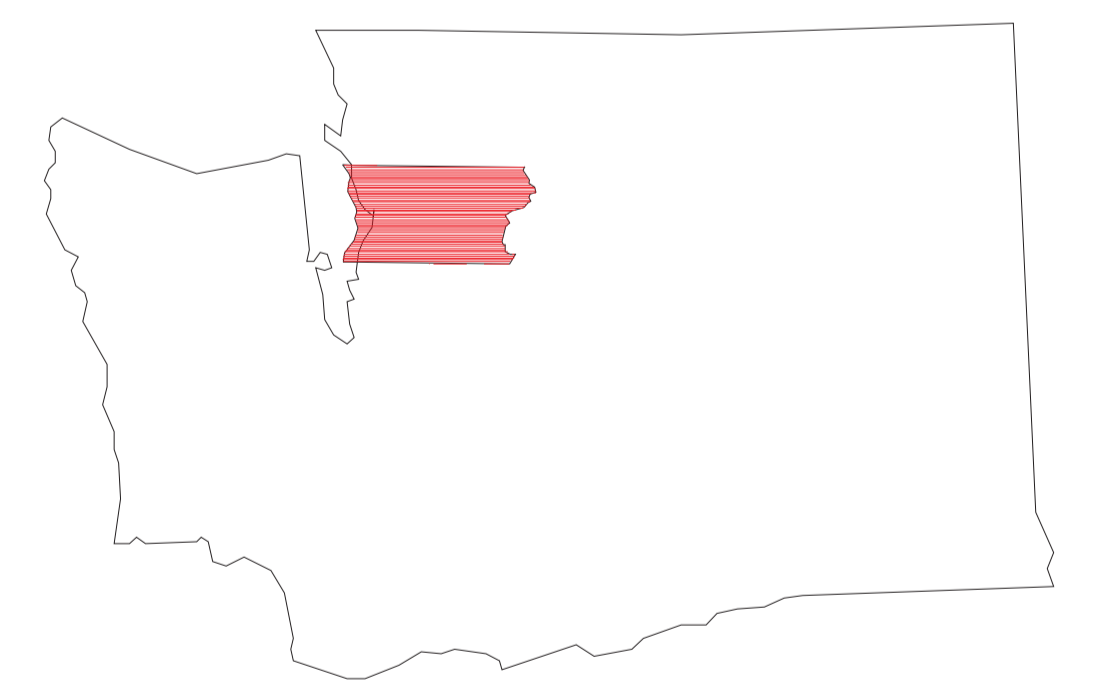
Pacific herring



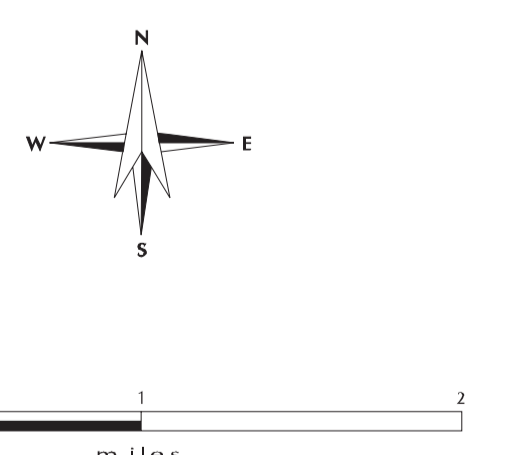
Pacific sand lance (juvenile)

Forage Fish Info.

- * Pacific herring, Pacific sand lance & surf smelt are small fish that spawn in the nearshore vegetation & beaches of the Puget Sound shoreline.
- * Because forage fish depend on healthy nearshore & beach habitat, they are vulnerable to impacts from shoreline development.
- * Forage fish play a key role in the marine ecosystem because they feed on plankton & are eaten by larger marine animals, such as salmon, sea lions & birds.
- * Forage fish spawning areas have been documented in a number of places in Snohomish County. The less developed northern shoreline supports more forage fish spawning habitat than the southern shoreline. The State of Washington maintains a "no net loss" policy for forage fish spawning habitat.



Snohomish County, Washington



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Map Projection: State Plane North, Zone 5601, NAD 83, Units Feet
Source: Snohomish County (248 County Boundary, Roads, Parks, Hydro Areas), Filabuda from 10m DEM, DNR 1:24k Hydrography (swat), Forage fish data from Washington Department of Fish & Wildlife, 7/6/16, pswmproj@wdfw.wa.gov, 06/02

