

Prioritizing investments in Pacific salmon conservation:

Watershed ranking based on landscape properties and
salmon abundance, species and life history diversity

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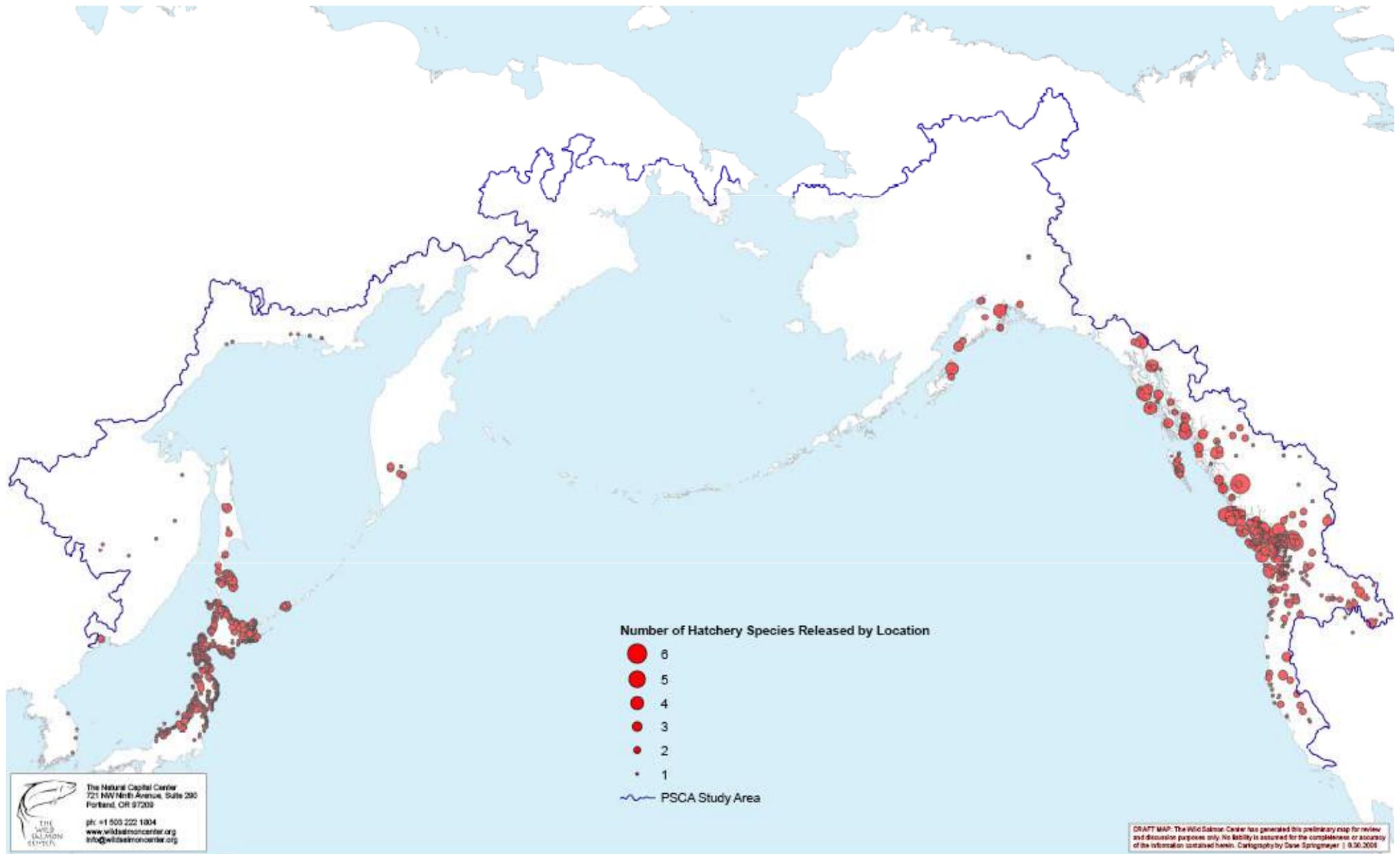


Identify, understand and protect the best wild salmon ecosystems
across the Pacific Rim

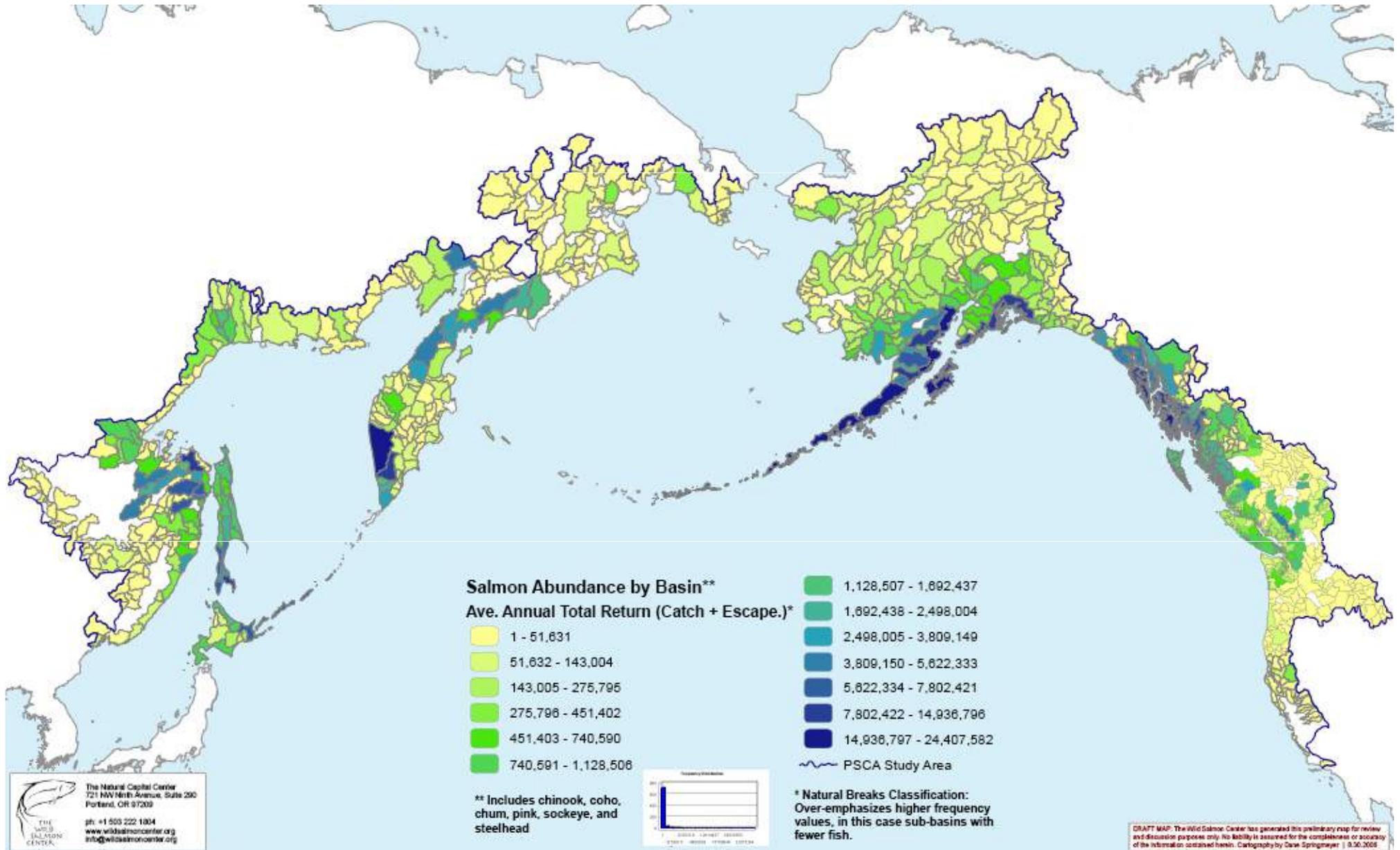
State of the Salmon

- Conservation prioritization by species and basin (global and regional)
- Inventory of the most reliable data on the status and trends of salmonids in the North Pacific
- Working in select basins to develop best monitoring and management practices
- More information: www.stateofthesalmon.org

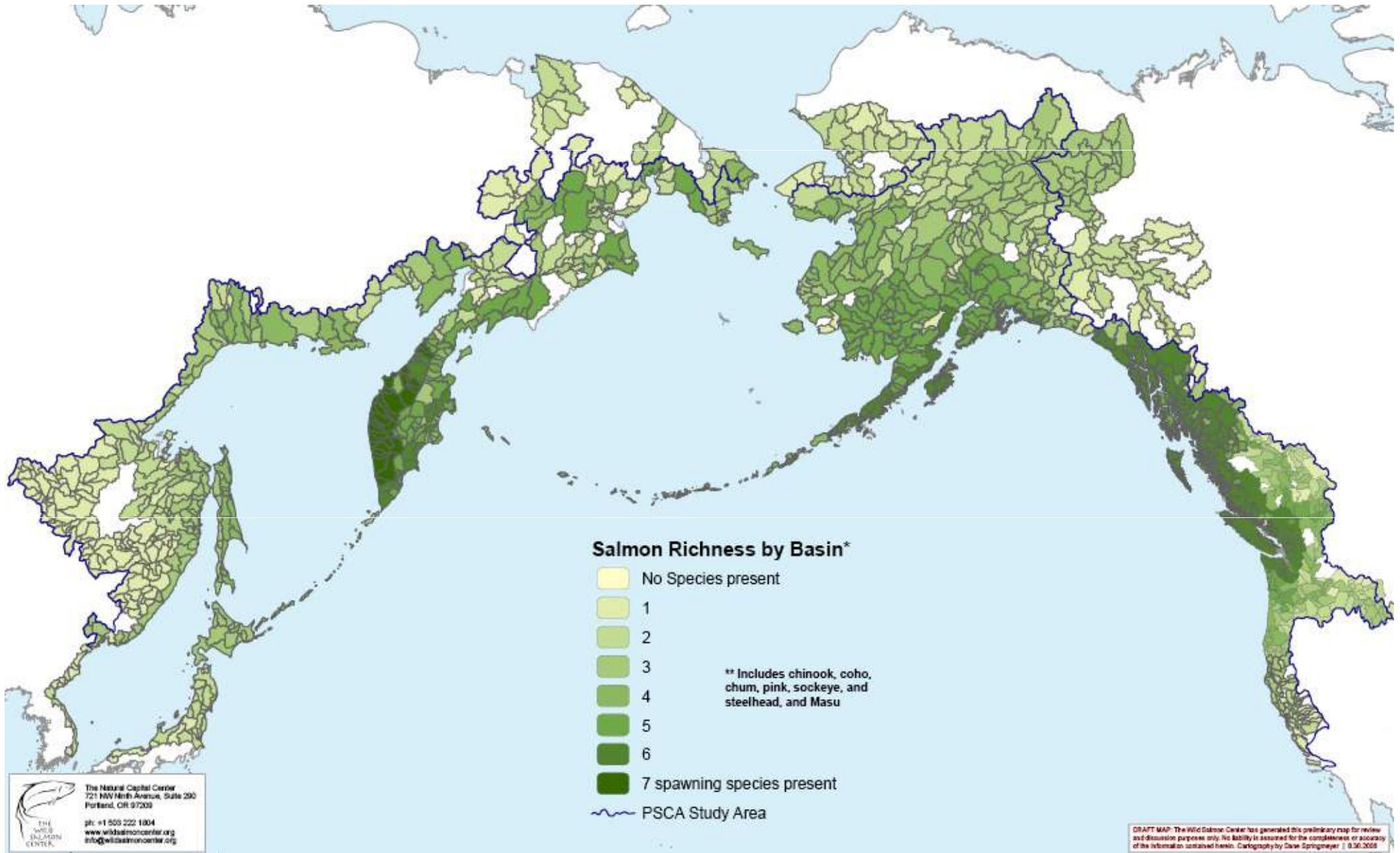
Hatchery Influence



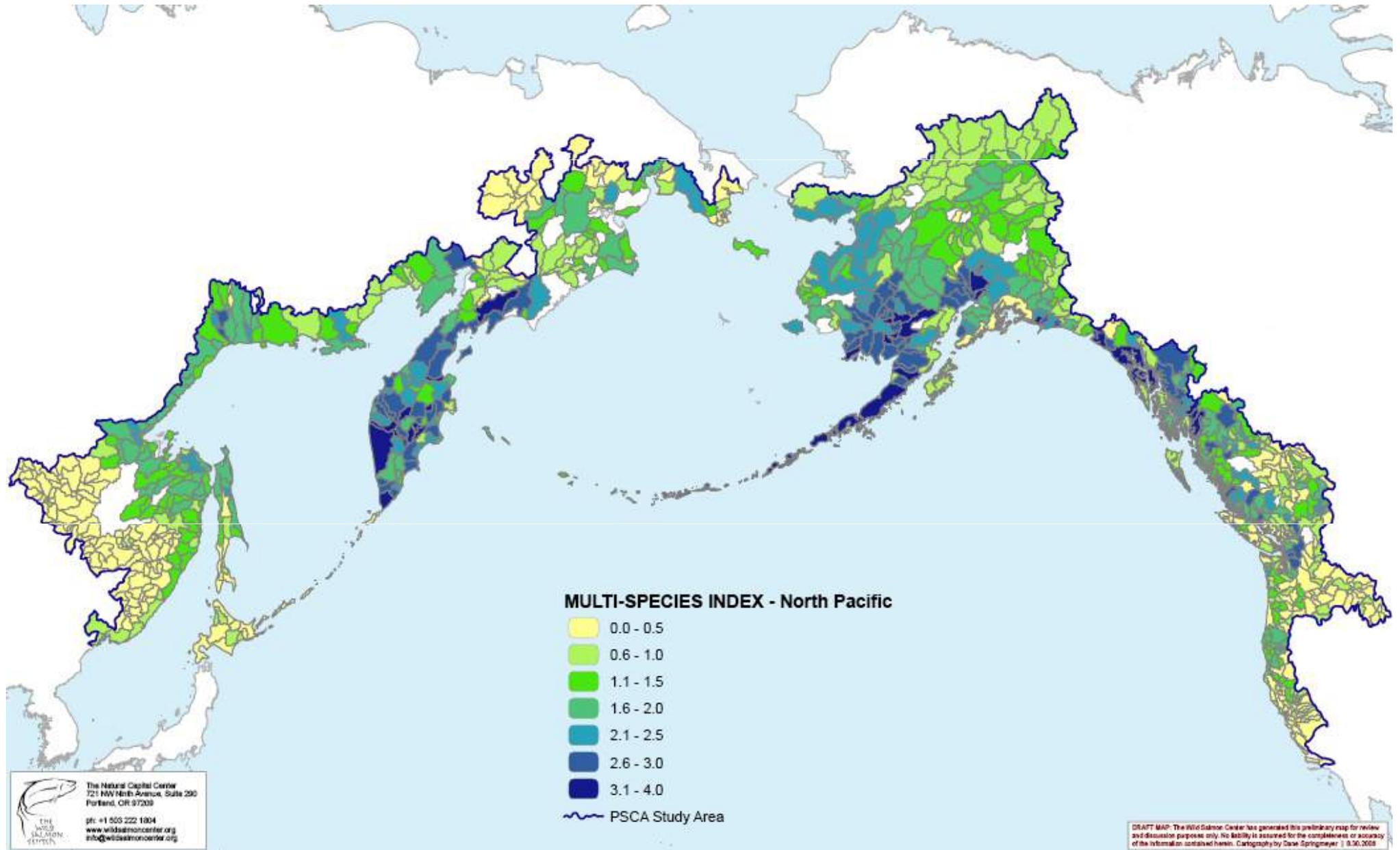
Salmon Abundance



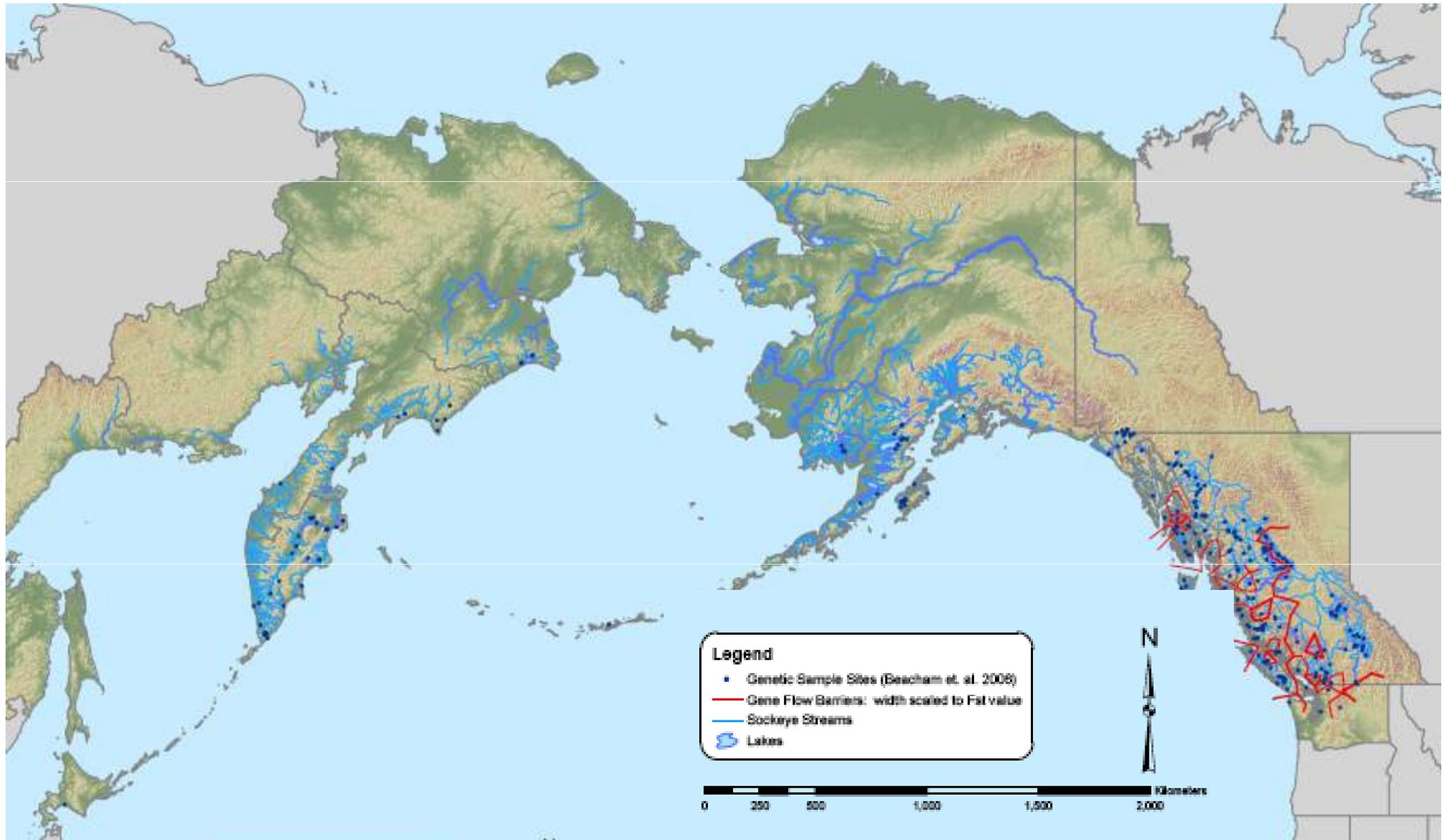
Salmon Species Diversity



Conservation Prioritization



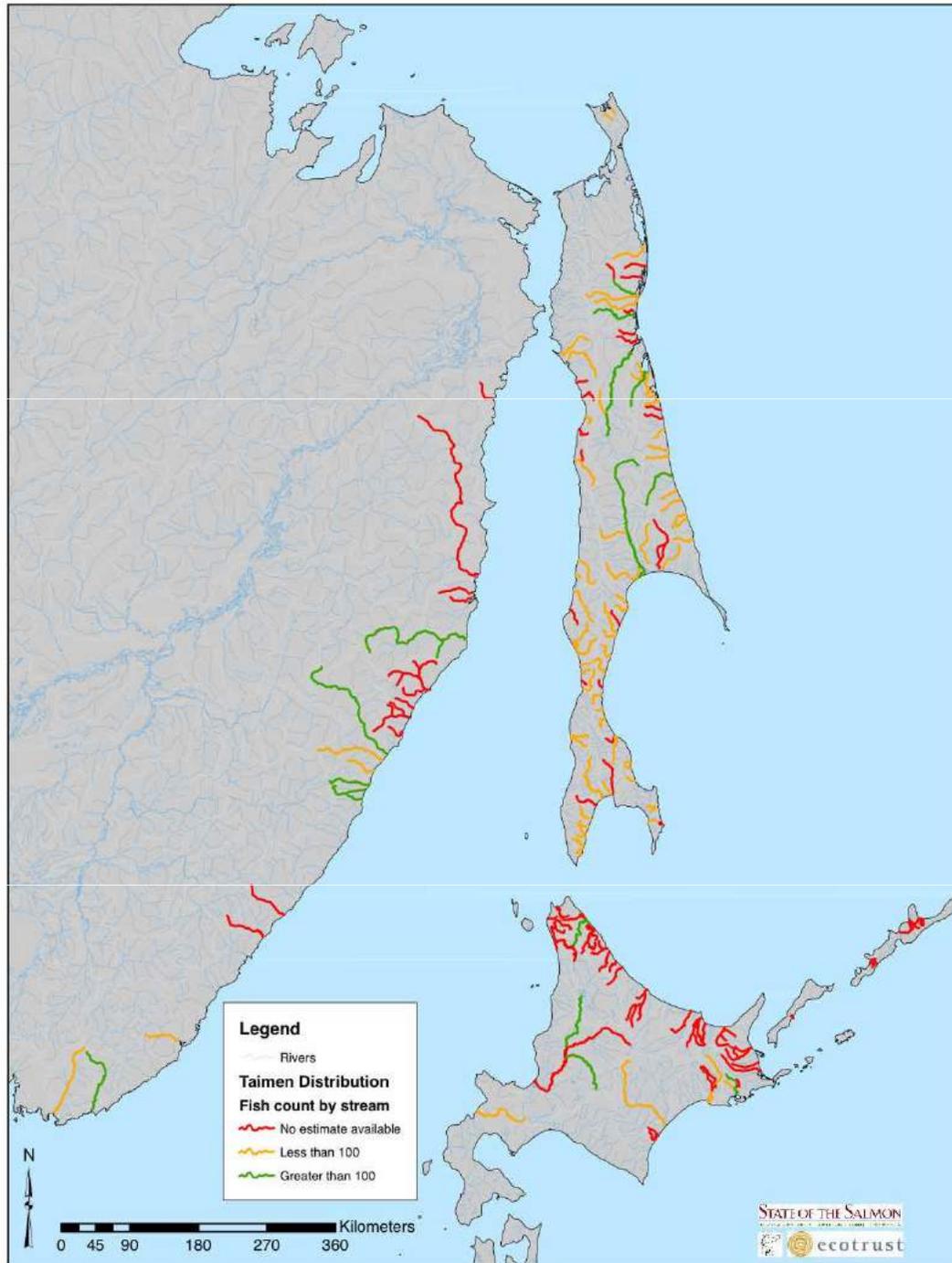
Next Steps for State of the Salmon



IUCN Sakhalin Taimen Assessment



Range and Status *Hucho perryi*



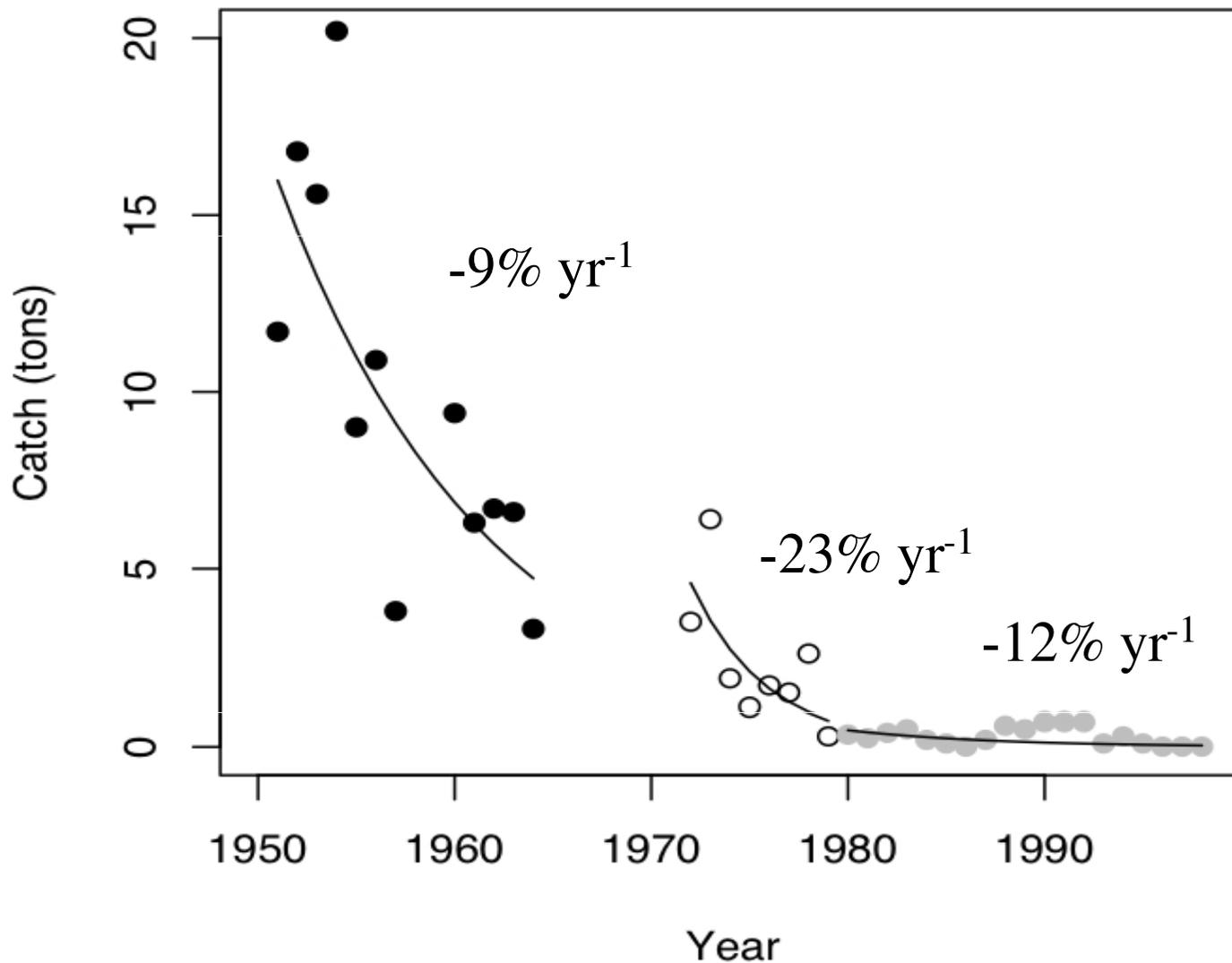


Figure 4. Bycatch time series data (in landed biomass) for Sakhalin taimen in Khabarovsk region, Russia. Three separate exponential models were fit to the data, each representing a separate era in the fishery (identifying by dark, open, and grey symbols). Loss rates to the regional taimen population are provided by era.

Poaching



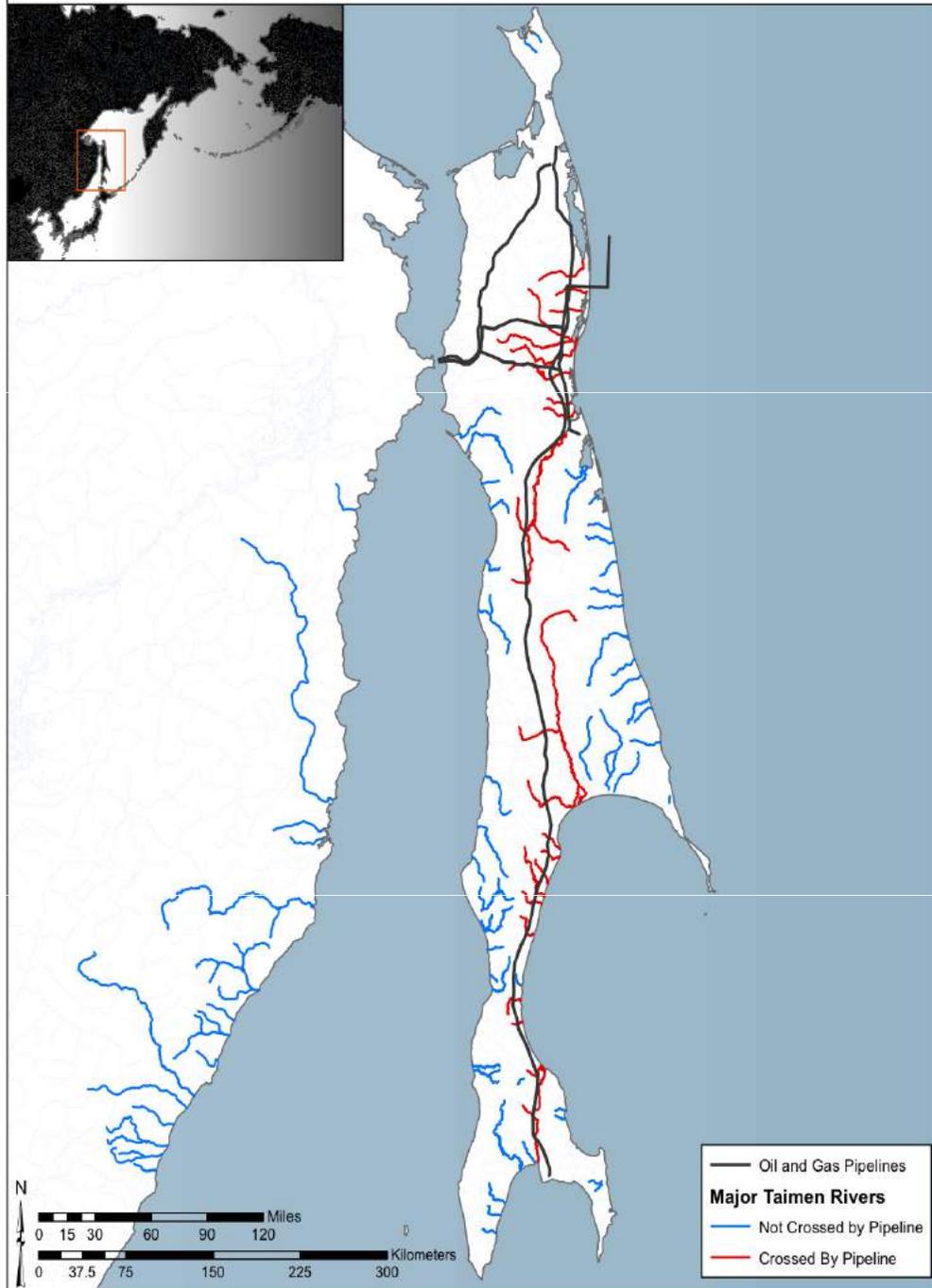
Commercial Bycatch



Habitat Loss Hokkaido, Japan



Sakhalin II Pipelines and Major Taimen Rivers



Sakhalin II Pipeline

Priorities for SSI

- The key is completing a full assessment of distribution, diversity, abundance and productivity of salmonids, including taimen
- Assessments must lead directly to conservation planning and implementation, with an investment in local capacity
- Thoughtful development of hatcheries, with clear objectives and demonstrated ability to distinguish wild and hatchery fish.
- Status of taimen appears to be the most critical, and should receive immediate and concerted attention.



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