

**XXI Meeting of the Canada/Mexico/U.S. Trilateral Committee for
Wildlife and Ecosystem Conservation and Management**

**Ottawa, Ontario Canada
May 16-20, 2016**

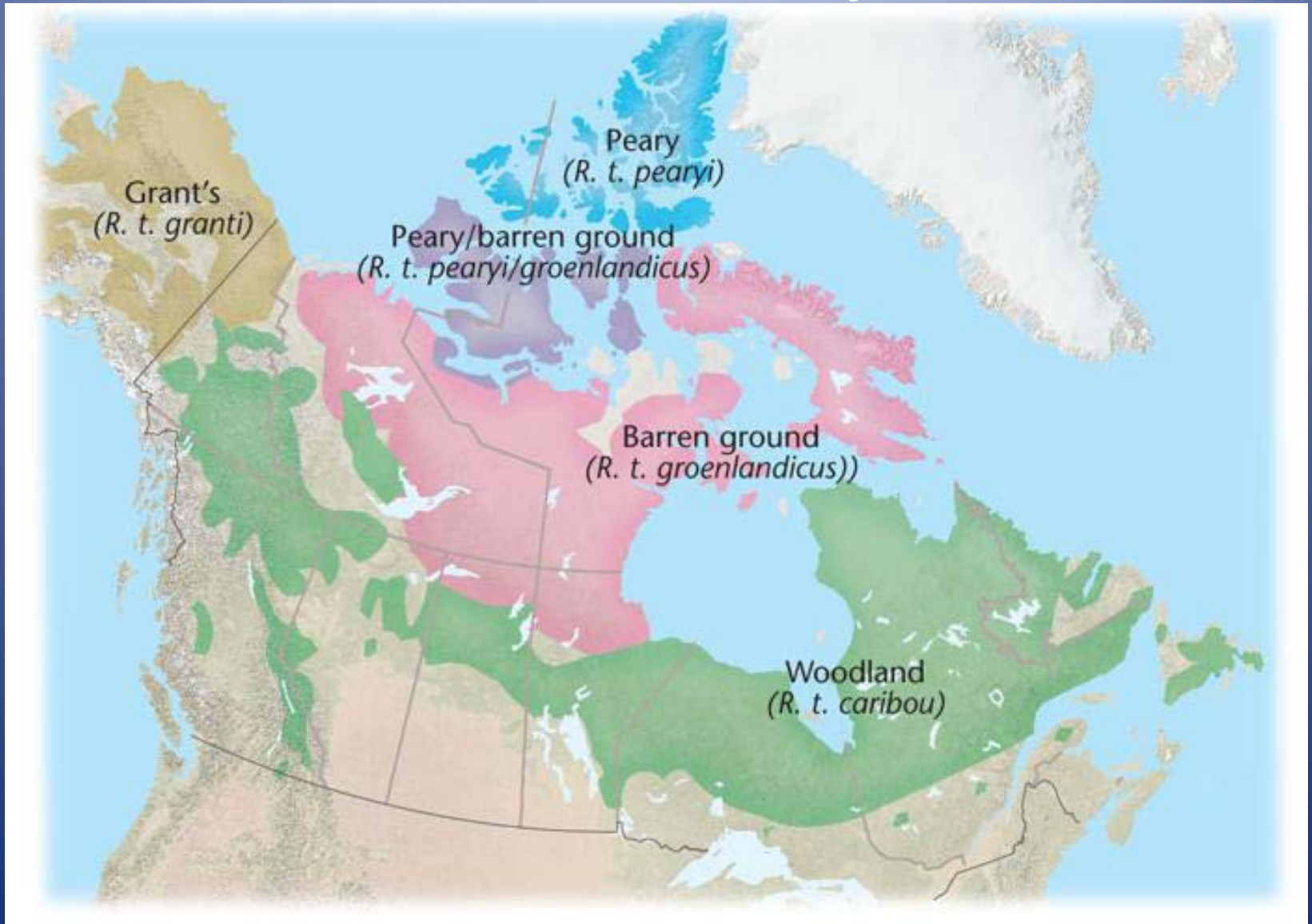
Southern Mountain Caribou Recovery Planning

Chris Warren
Idaho Fish and Wildlife Office
U.S. Fish and Wildlife Service

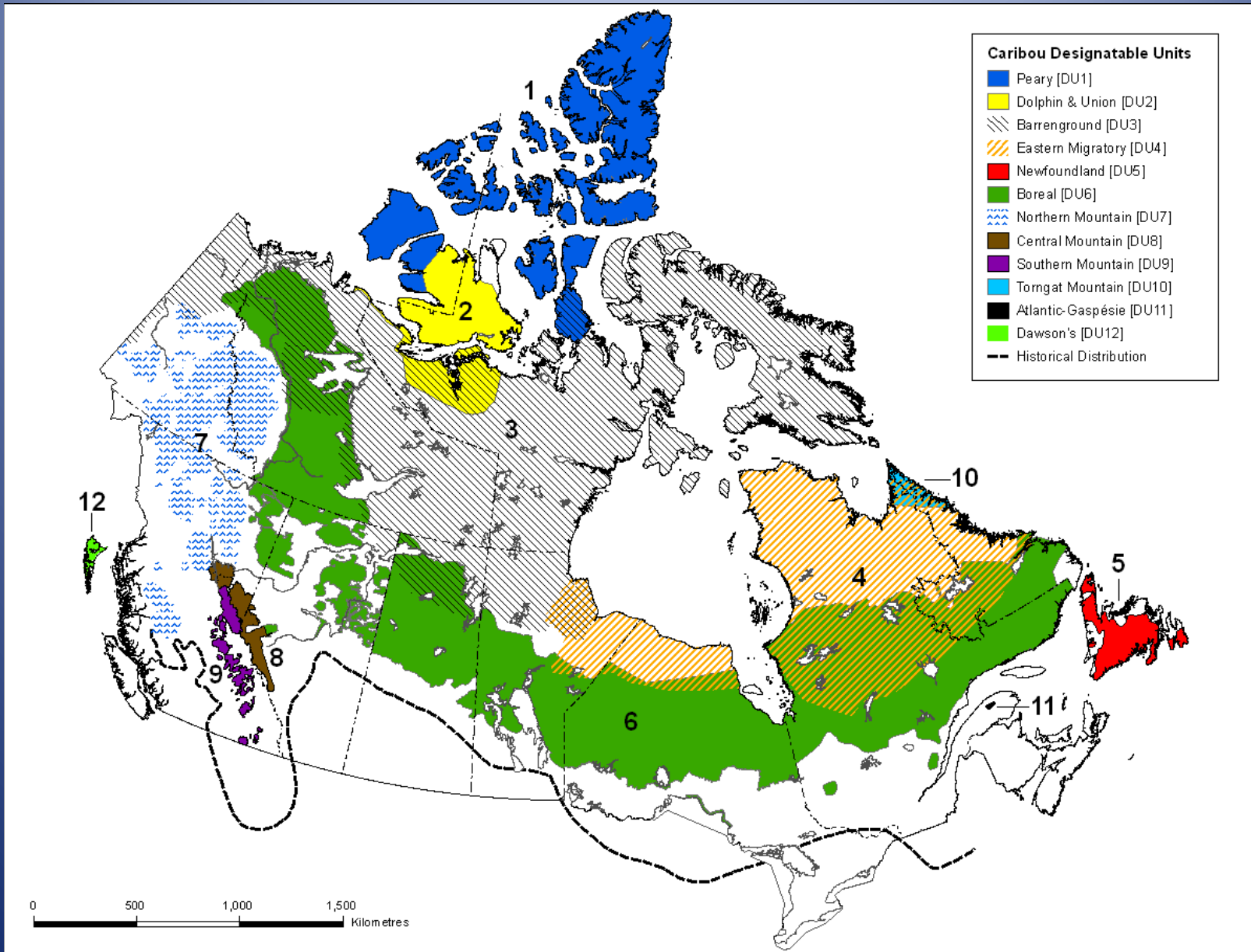


Photo Credit: USFWS

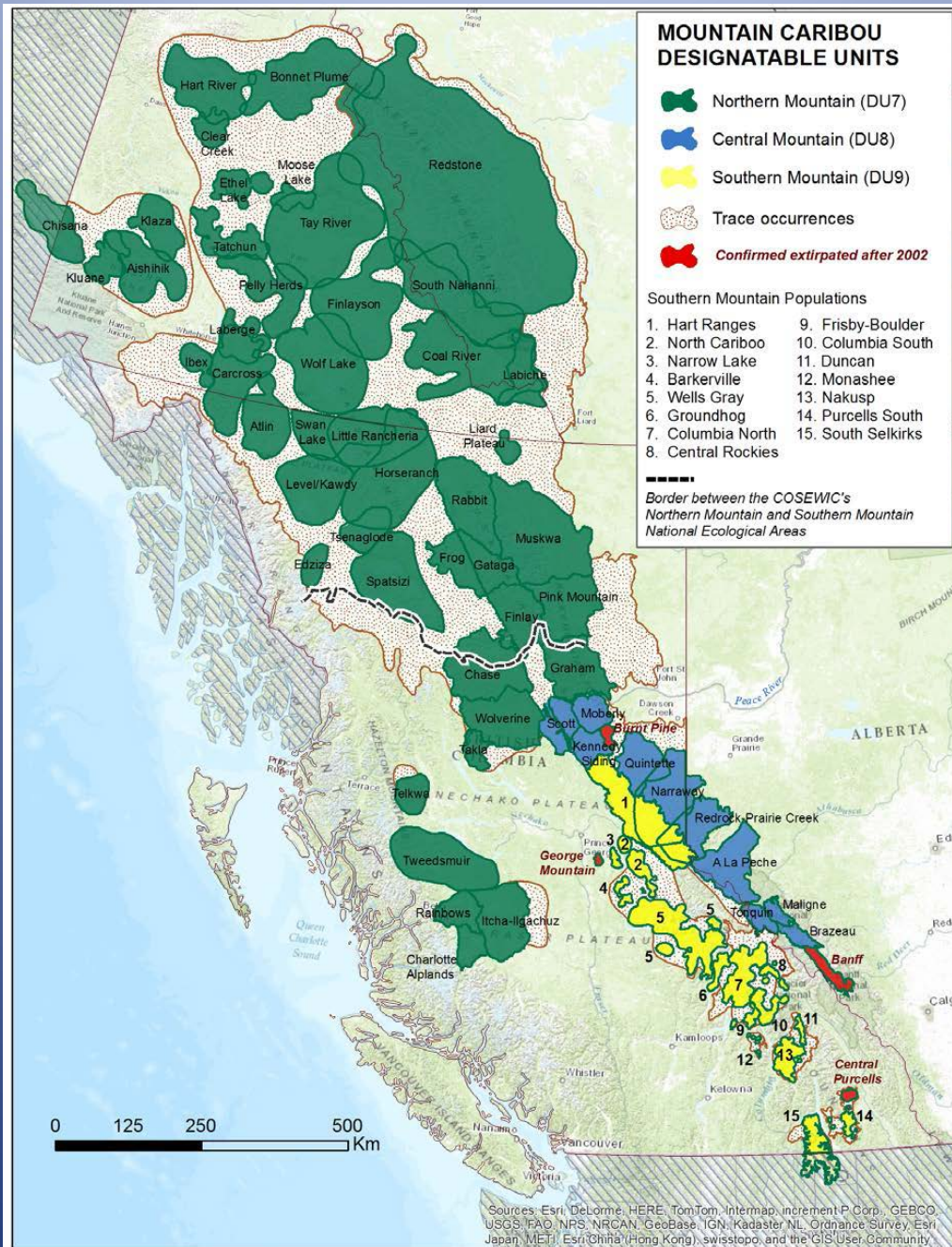
(Source: Committee on the Status of Endangered Wildlife in Canada [COSEWIC] 2011)



Caribou (*Rangifer tarandus*) subspecies in North America, after Banfield 1961.



(Source: COSEWIC 2011)



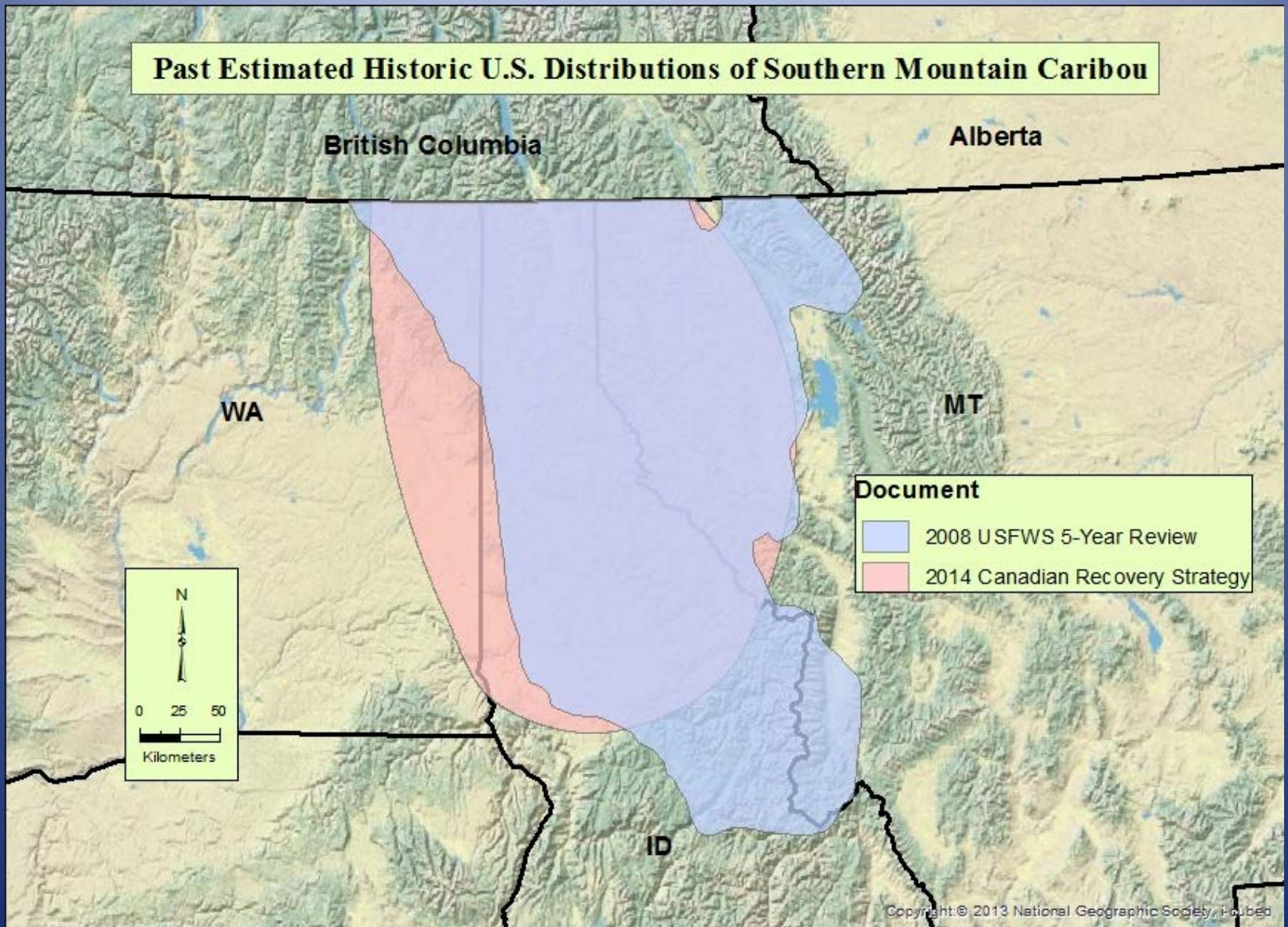
(Source: COSEWIC 2014)

"Current" Distribution of Southern Mountain Caribou

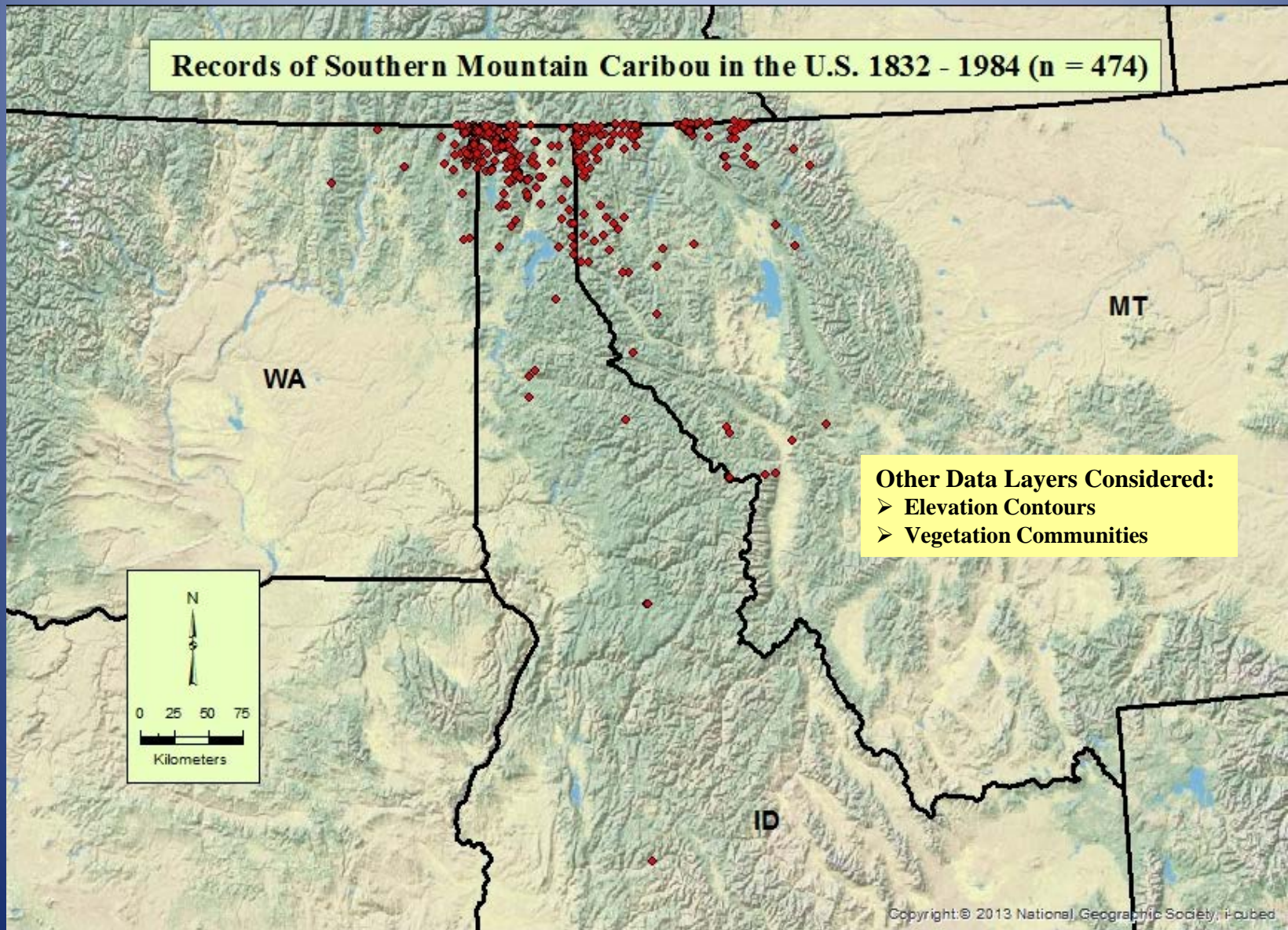


- **Species At Risk Act (SARA) Designation* (SM National Ecological Area): Threatened**
- **2014 COSEWIC Recommendation (DU9): Endangered**

Past Estimated Historic U.S. Distributions of Southern Mountain Caribou

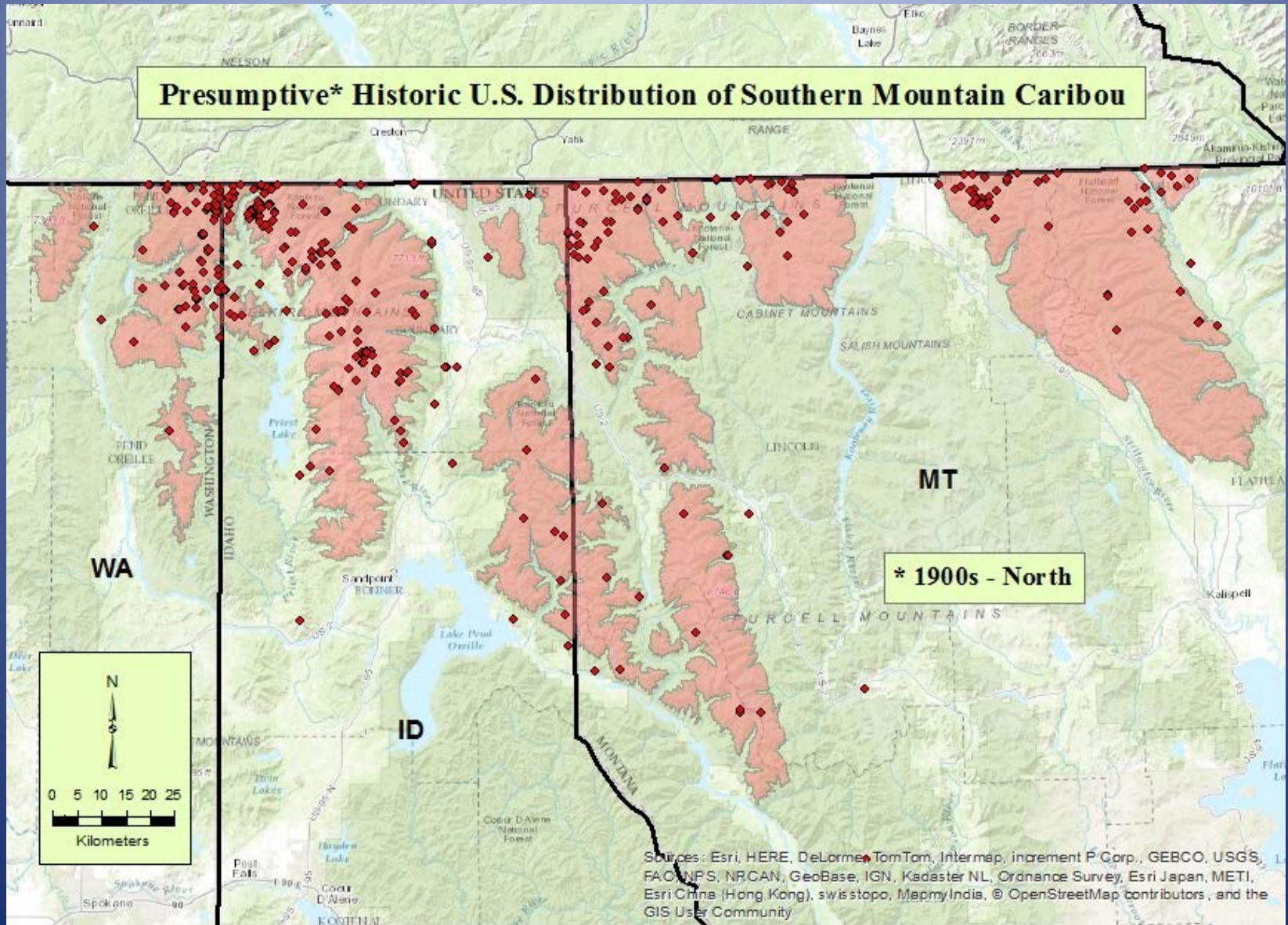


Records of Southern Mountain Caribou in the U.S. 1832 - 1984 (n = 474)



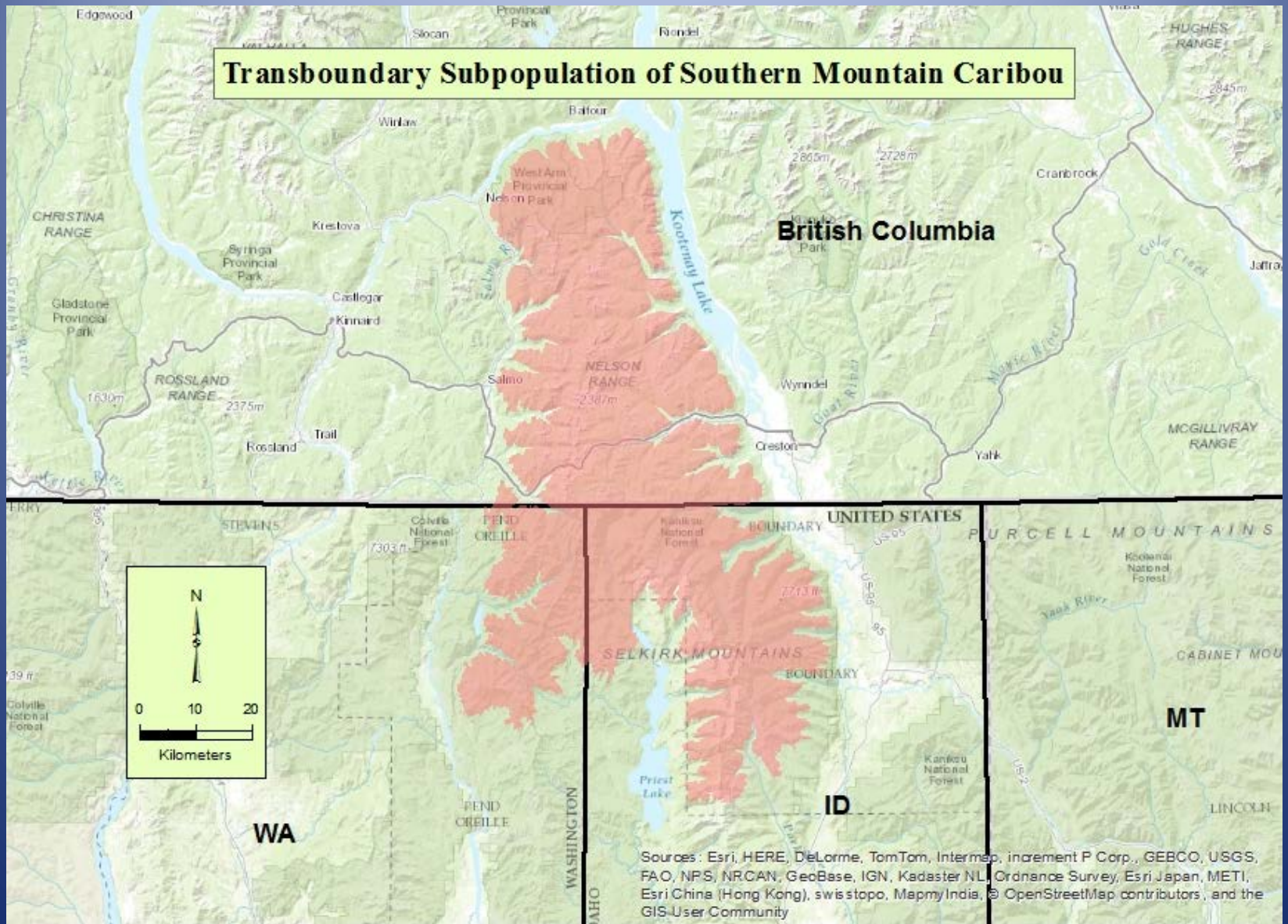
- Other Data Layers Considered:**
- Elevation Contours
 - Vegetation Communities

Presumptive* Historic U.S. Distribution of Southern Mountain Caribou



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, Mapny India, © OpenStreetMap contributors, and the GIS User Community

Transboundary Subpopulation of Southern Mountain Caribou



1984 Endangered Species Act (ESA) Listing: Endangered



2014 ESA Proposed Listing of Distinct Population Segment (DPS) : Threatened

Current Recovery Planning Efforts

➤ **Local Technical Working Group**

- Multi-Party, International Participation
- South Selkirk Subpopulation Emphasis
- Emergency Actions (e.g., Predator Control, Highway Monitoring)
- Document Baseline Science and Inform Recovery Planning

➤ **U.S. Fish and Wildlife Service**

- Finalize Listing and Critical Habitat Rules
- Develop Draft Recovery Plan for Southern Mountain Caribou

➤ **British Columbia**

- Lots

U.S. / ESA – Canada / SARA Coordination

➤ **Process / Structure**

- State, Provincial, Tribal / First Nation Participation
- Other Stakeholder Involvement

➤ **Regulatory / Policy**

- Distinct Population Segments vs Designatable Units
- Threatened vs Endangered Assignments
- Habitat Designations

➤ **Biological Content**

- Recovery Planning
 - Strategy, Goals, Objectives, Criteria
- Implementation

Objective for Participating in the TCWECM

- To facilitate and broaden ongoing coordination between the U.S. and Canada to ensure that recovery planning and implementation efforts for southern mountain caribou are compatible and complimentary in both countries.

In Other Words:

- Identify and mobilize the right people to meet at the same place at appropriate times to plan recovery of southern mountain caribou.



Photo Credit: USFWS

Questions?