

is BC the  
Black Sheep  
of Whitebark  
Pine?

Randy Moody Msc RPhD

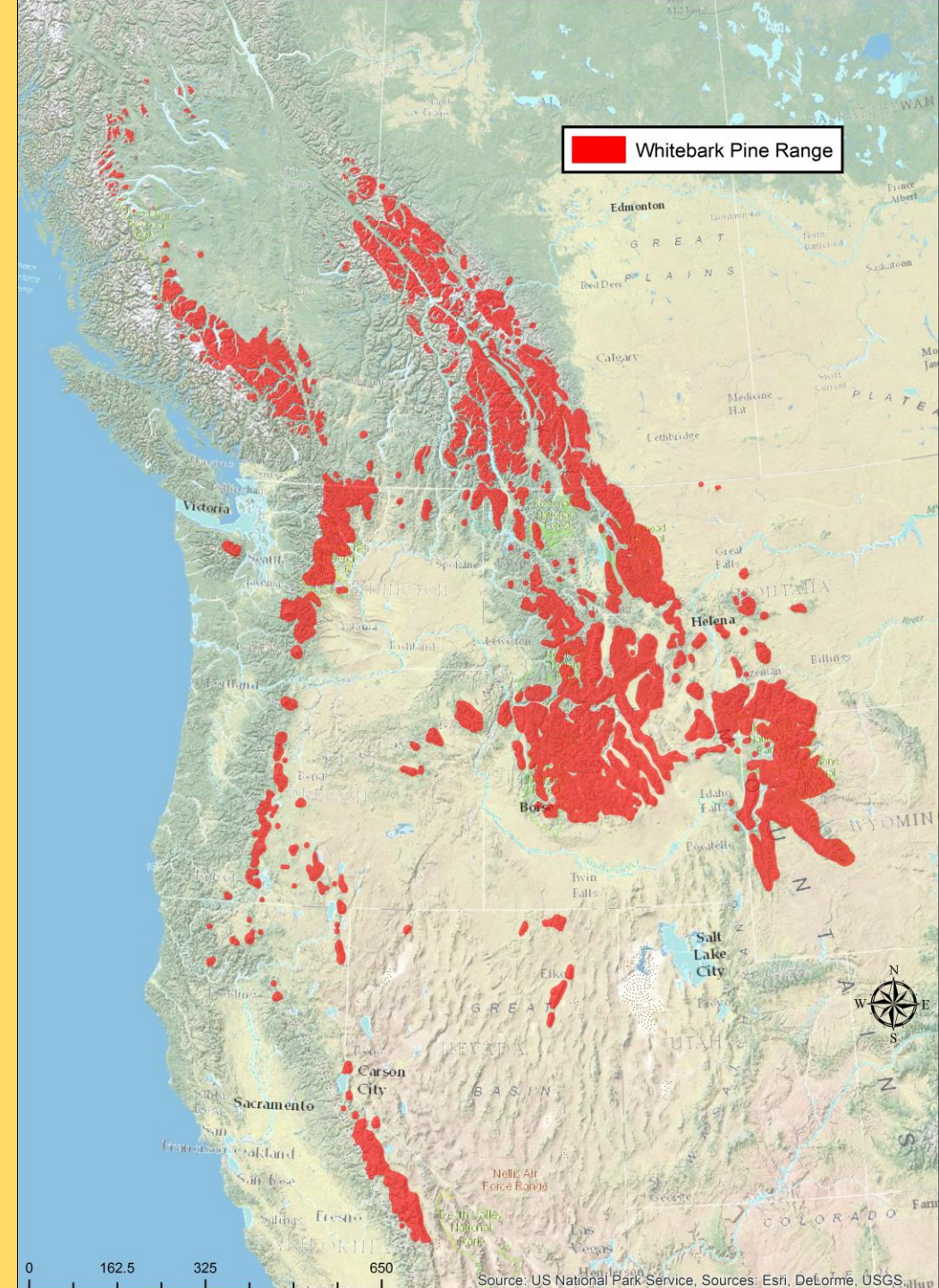


# BRITISH COLUMBIA

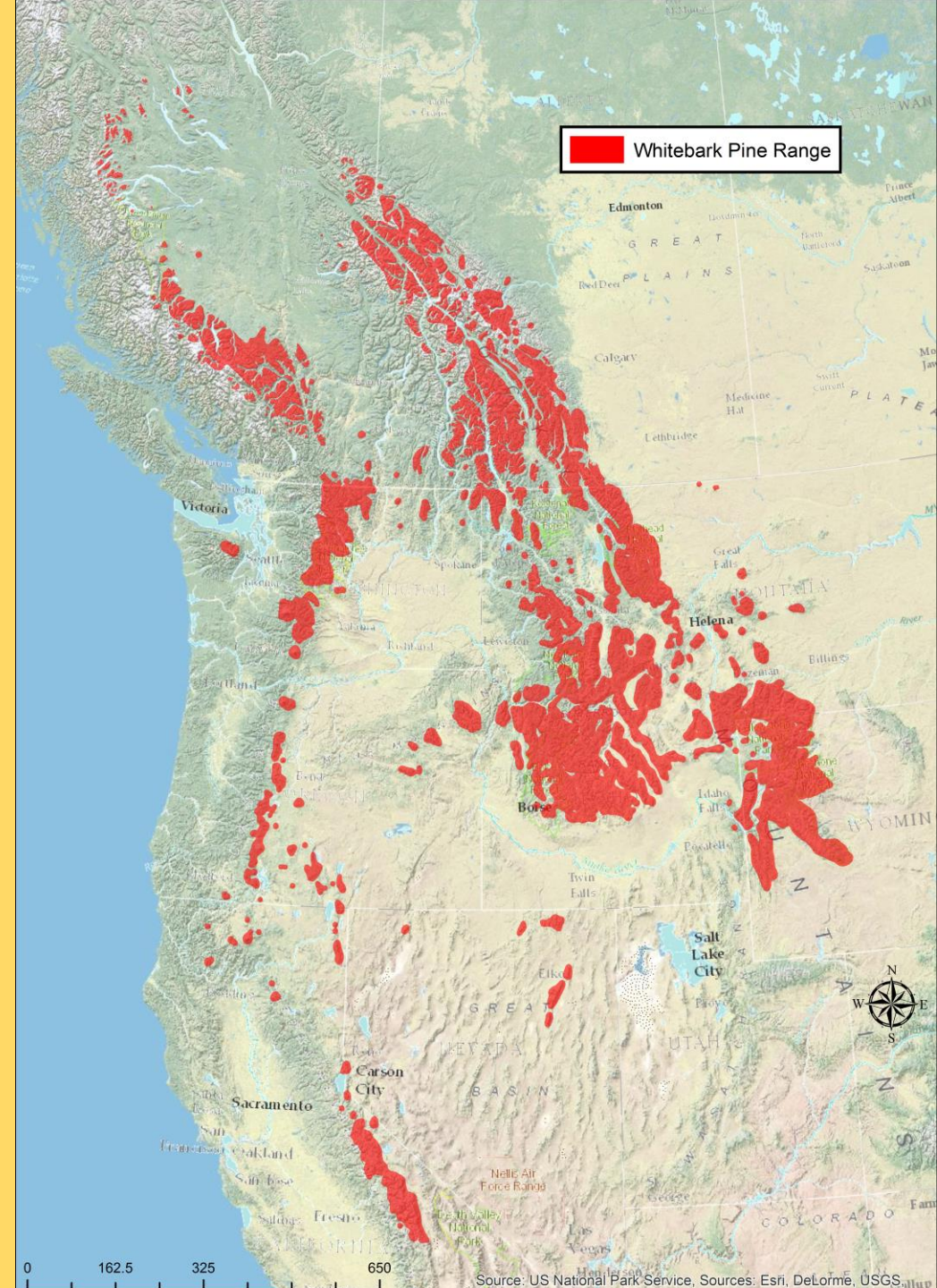
- 56% of Whitebark Range is in Canada\*
- 76% of the Canadian Range is in BC\*
- From 49<sup>th</sup> Parallel to 55 degrees north
- 754 'Red Listed' Species\*\*
- 757 'Blue Listed' Species\*\*
- 164 extirpated, endangered, or threatened under SARA

\*COSEWIC 2011

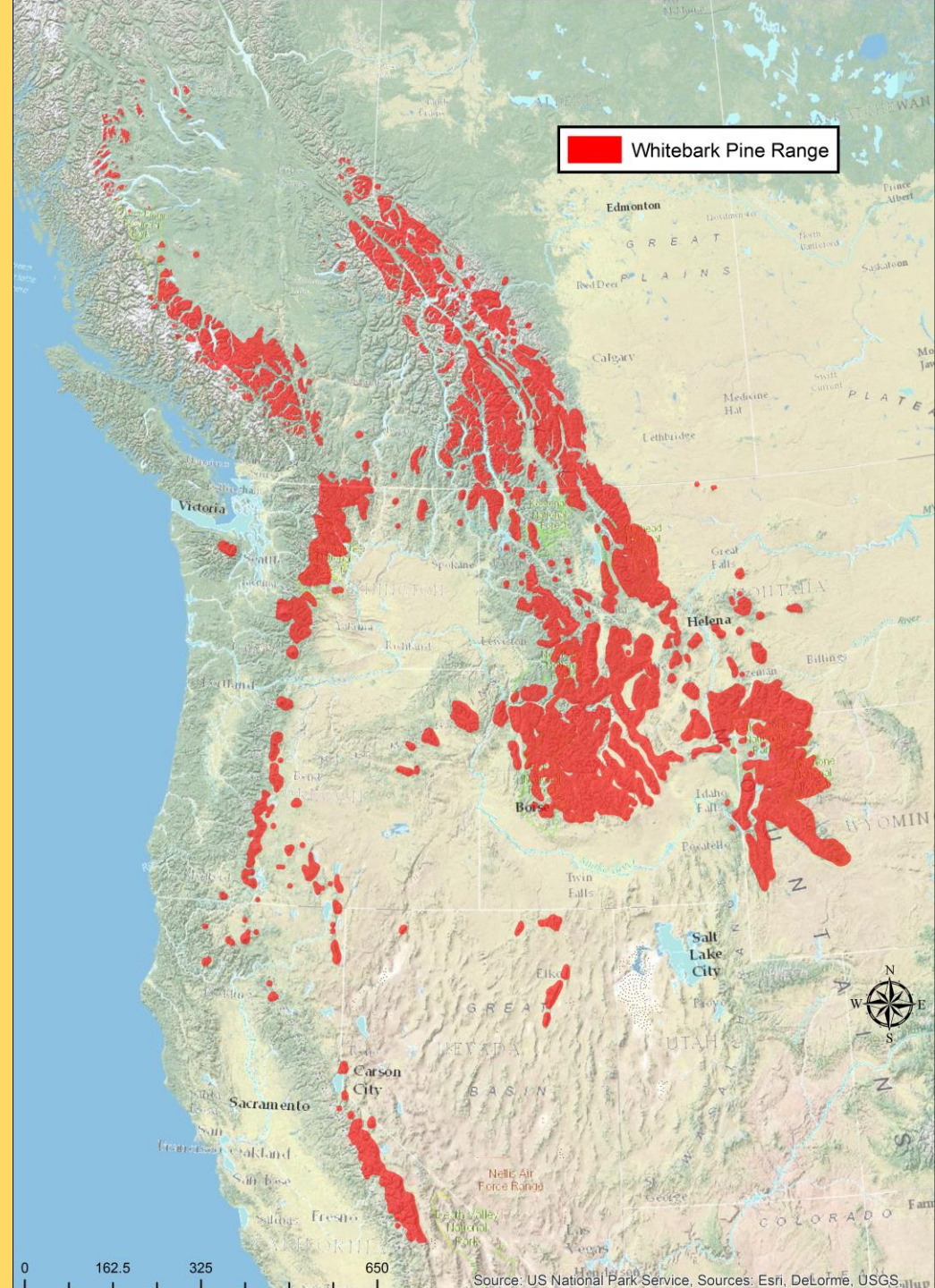
\*\*BC CDC



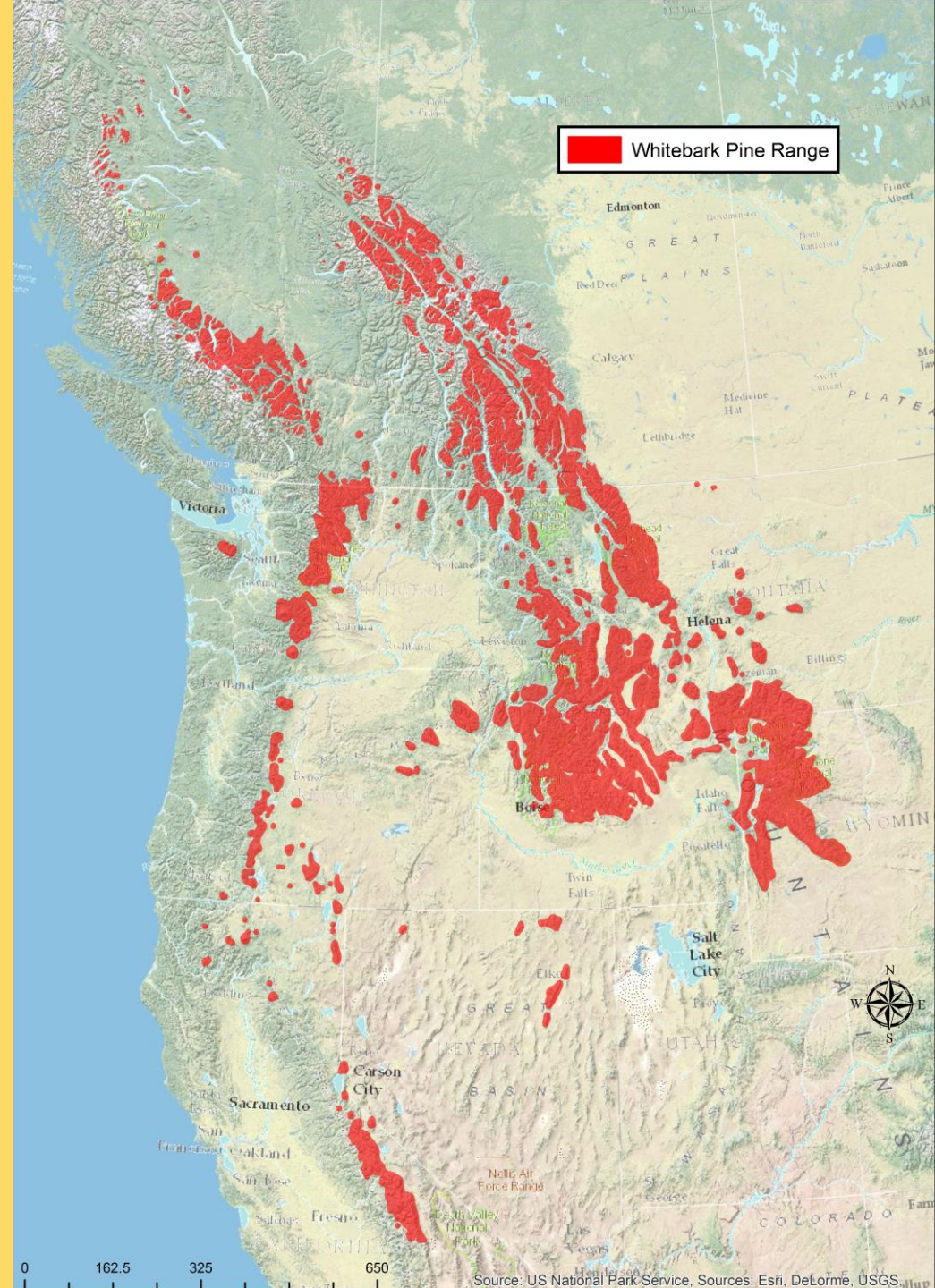
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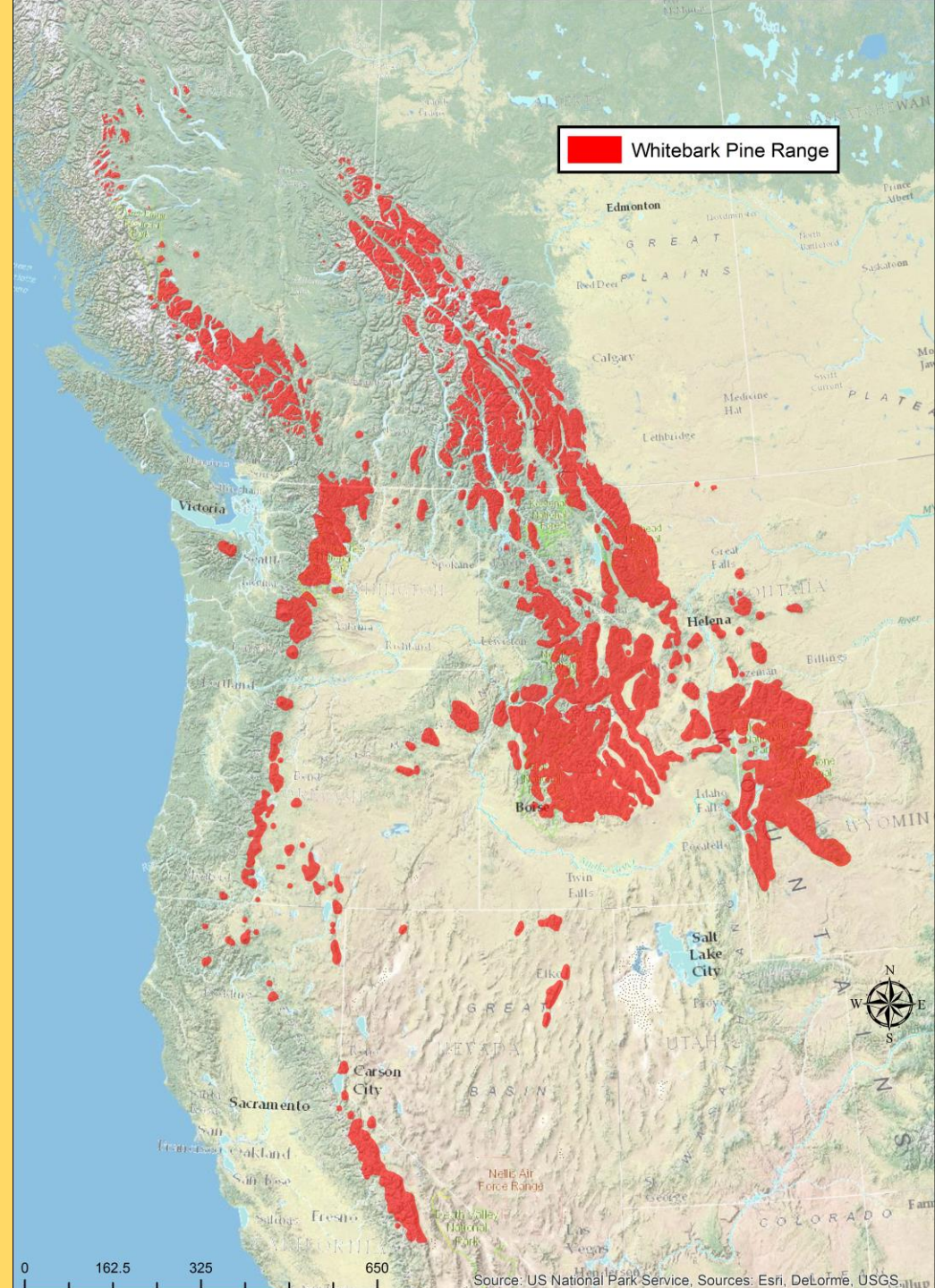
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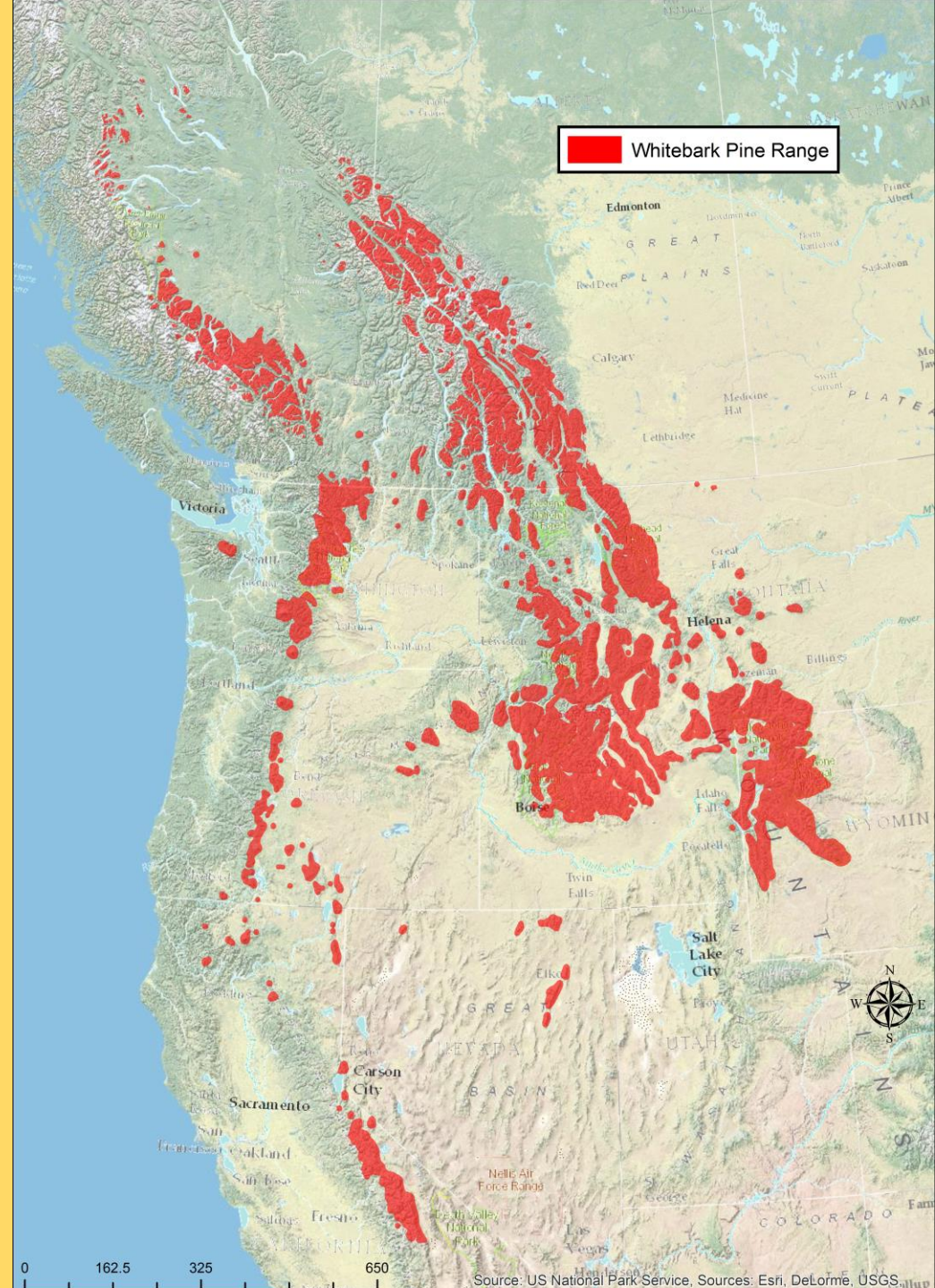


# BRITISH COLUMBIA



Source: US National Park Service, Sources: Esri, DeLorme, USGS, etc.

# BRITISH COLUMBIA







## **Legislation**

**There is no stand-alone legislation in B.C. for species and ecosystems at risk. Instead, these provincial and federal laws collectively govern how at risk populations and habitats are managed:**

- *Wildlife Act\**
- *Forest and Range Practices Act\**
- *Oil and Gas Activities Act*
- *Ecological Reserves Act*
- *Park Act*
- *Land Act*
- *Mines Act (Health, Safety and Reclamation Code)*
- *BC Environmental Assessment Act*
- *Professional Reliance*
  
- *Species at Risk Act*
- *Canadian Environmental Assessment Act*

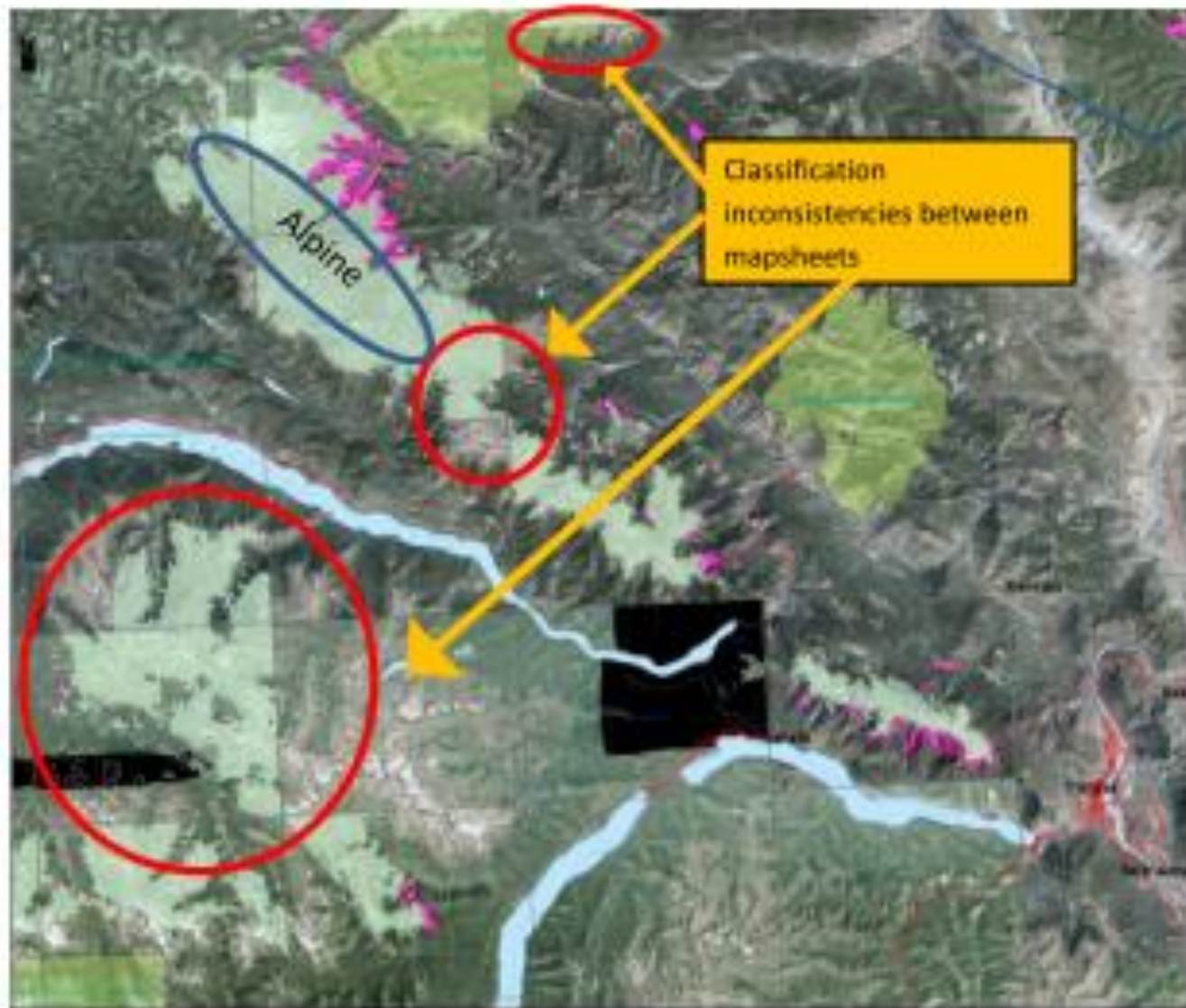
## **Wildlife Act / Forest and Range Practices Act**

- Identified Wildlife Strategy
- No legal protection but will provide consistent guidance;
- For a minister to add new species to the list of species at risk under FRPA, he or she must be “satisfied that the species is endangered, threatened or vulnerable;
- “The list of Identified Wildlife will be updated annually and will reflect changes in COSEWIC and Species at Risk Act listings,”  
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  - The most recent update to the FRPA SAR list was in 2006\*





**Legend**

Historical_Park_Interest	Linear Roads
Current_Park_Interest	Power Lines
BC_Park_Interest/Plan	Water Line
BC Parks	Intersections
Unknown/Other	

1:250,000

Prepared by: Nova GIS, GIS Technician  
 Produced: February 13, 2014  
 Projection: BC Metric Equal Area (NAD 83)







- **BC Forest Service Staff - 25,000 seedling in field and nursery based screening;**
- **Canfor - Developed Special Work Procedure (SWP) regarding whitebark pine;**
- **Teck - Developed NPI Strategy;**
- **New Gold - Management Plan, planted 4,000 seedlings, submitted 5 parents to rust screening;**
- **Promoting Whitebark Pine Recovery in BC - SERN, BCMFLNRO (Yay!)**
- **Province - No Formal Plan (Possibly waiting on Federal Plan)**



# What can we do until Province comes around?

- Educate Regional Biologists and Foresters
- Pursue protection under existing frameworks - Identified Wildlife
- Develop management and guidance documents to assist managers

# So, is BC the Black Sheep?

Despite no provincial protection and complex layering of various provincial ministries that may or may not serve as effective surrogates to the federal species at risk act, we have individuals and companies that have continued to proceed down the pathway of recovery and acted as good whitebark stewards, all despite no legal requirements; given that BC has an estimated 42% of the species' range we should be shouldering close to 42% of the recovery efforts. We are not. We are doing the right things, we simply need to do much more. Until we do more, we are the black sheep.

