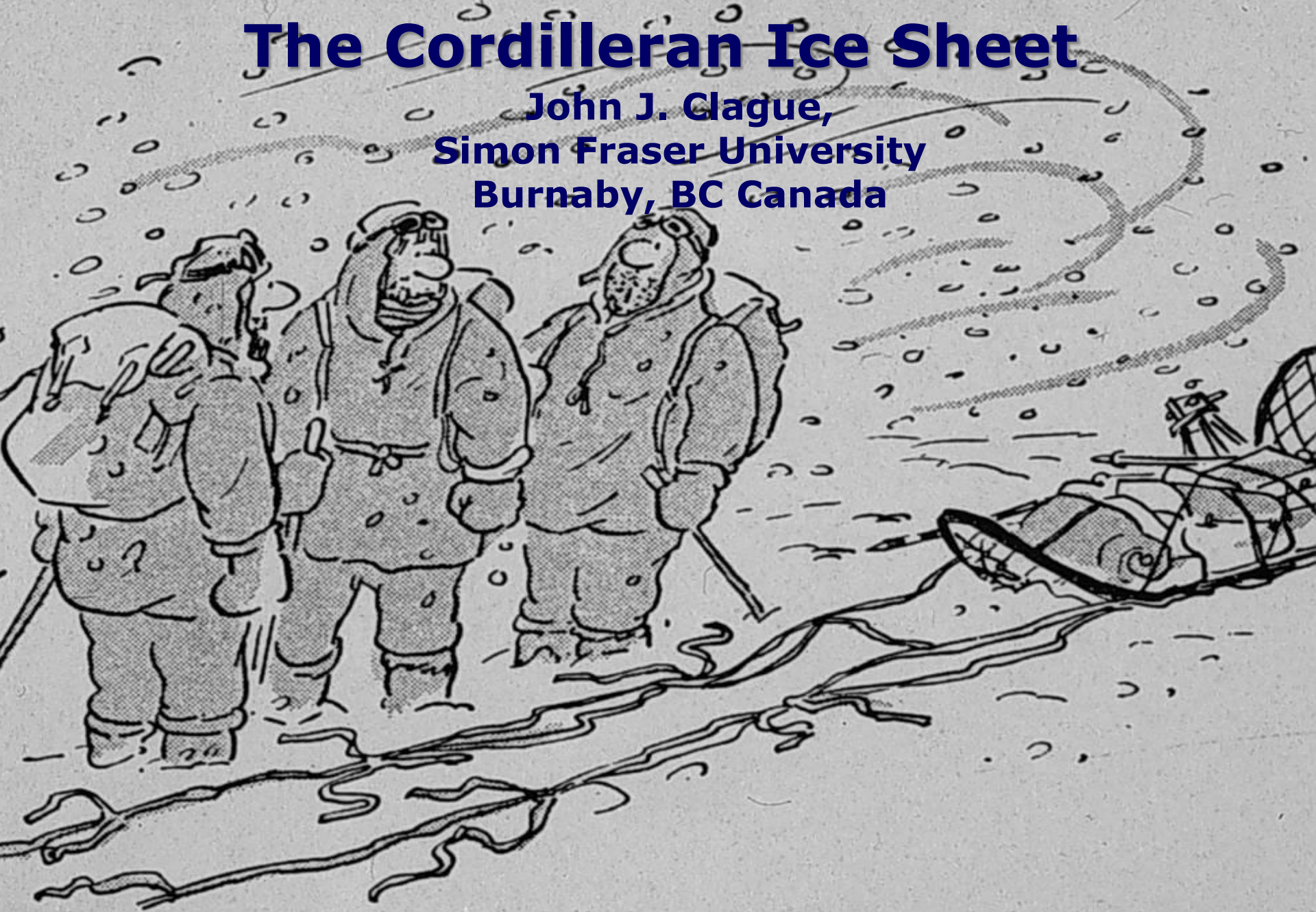


# The Cordilleran Ice Sheet

John J. Clague,  
Simon Fraser University  
Burnaby, BC Canada

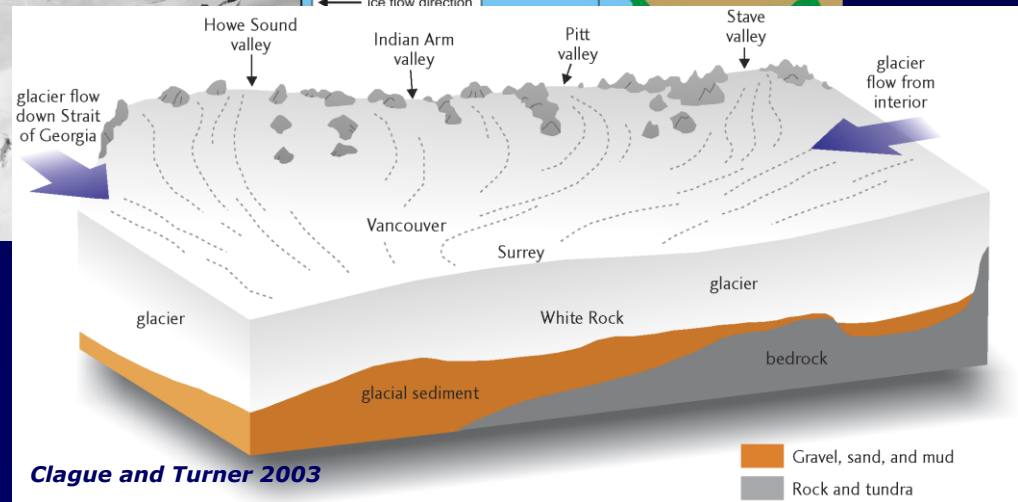
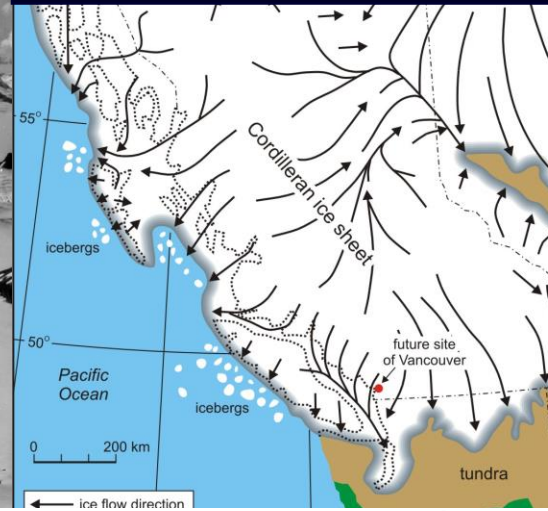
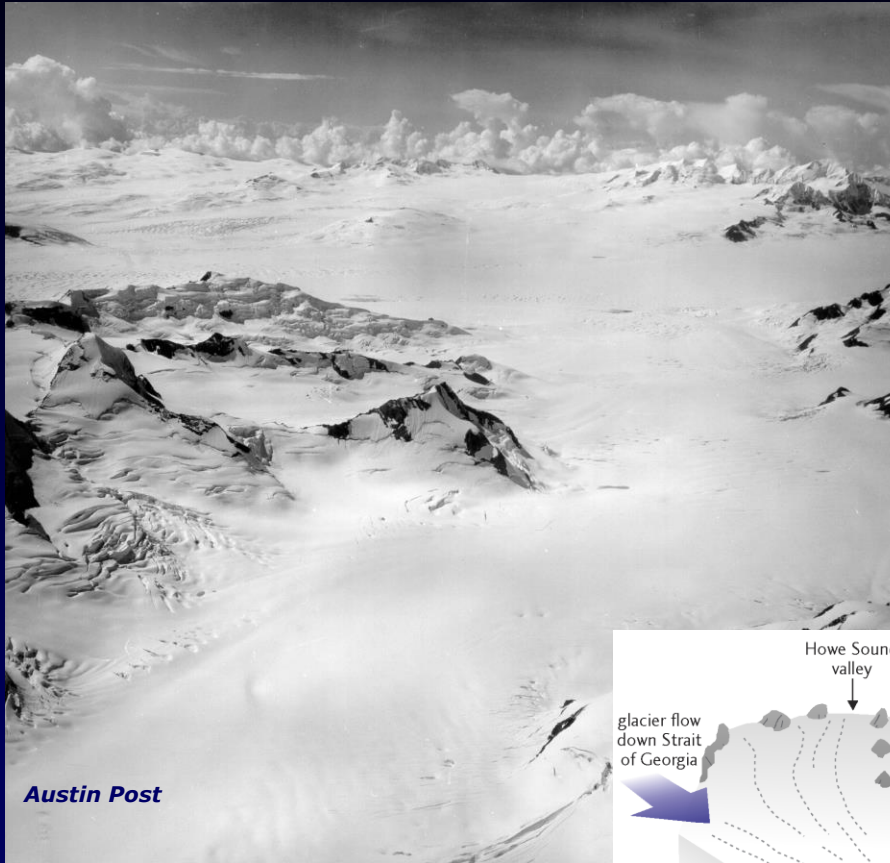


*"That's it, sir . . . we've eaten the last of the geologists!"*



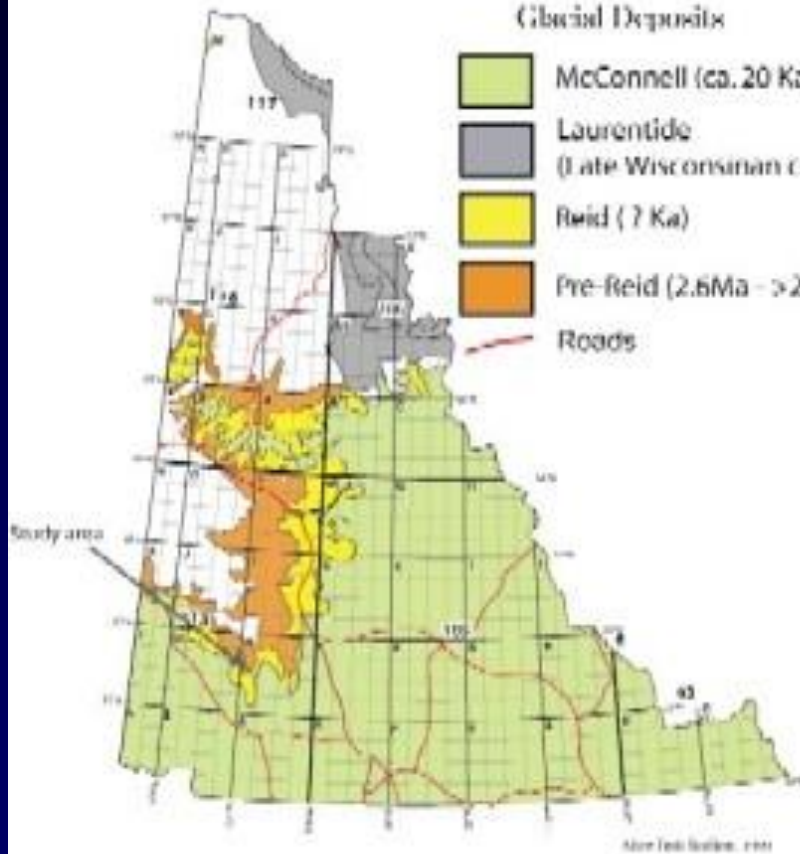


# Maximum ice sheet MIS 2



### Glaial Deposits

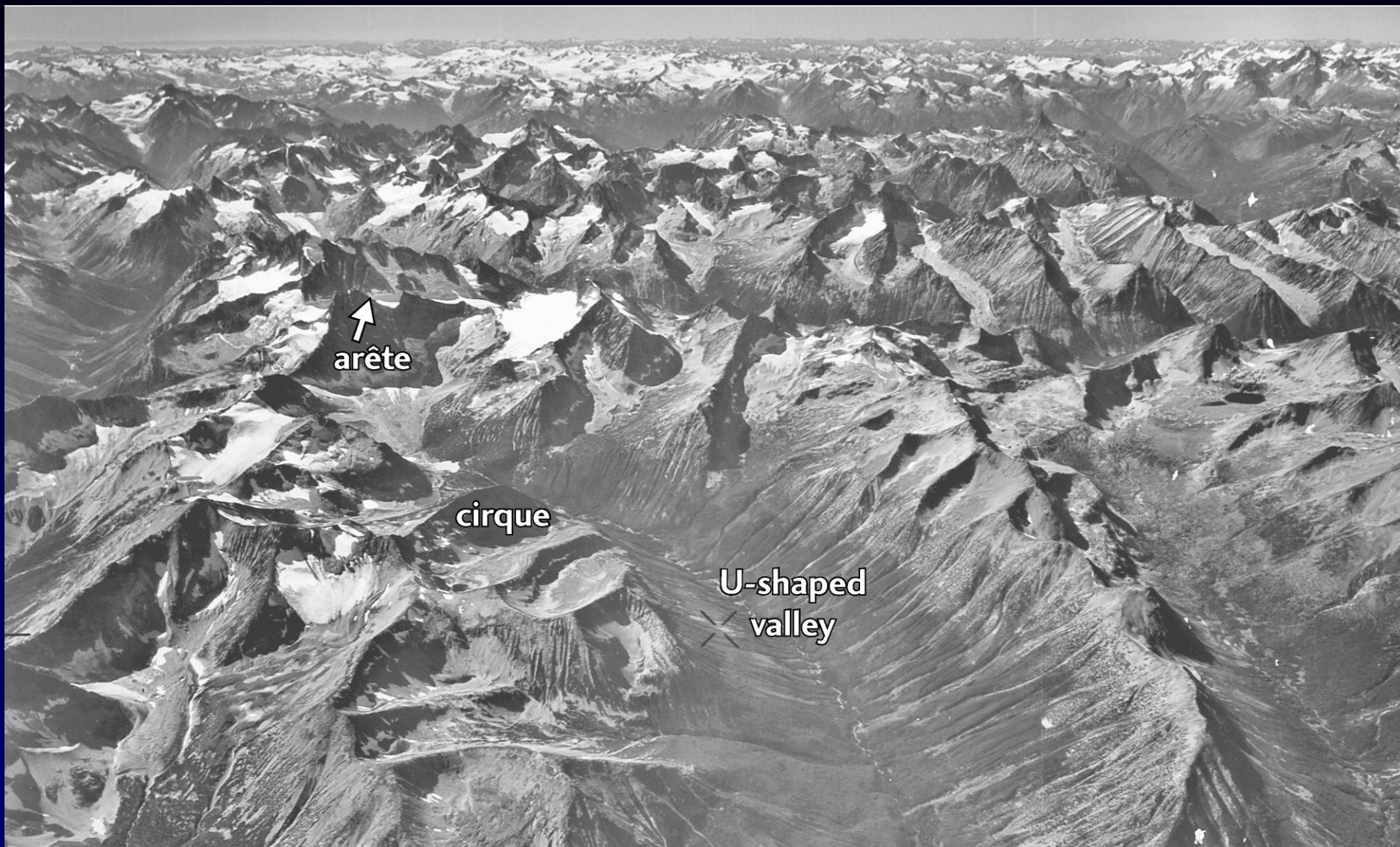
- McConnell (ca. 20 Ka)
- Laurentide (Late Wisconsinan ca. 30 Ka)
- Reid ( ? Ka)
- Pre-Reid (2.6Ma - >200 Ka)
- Roads



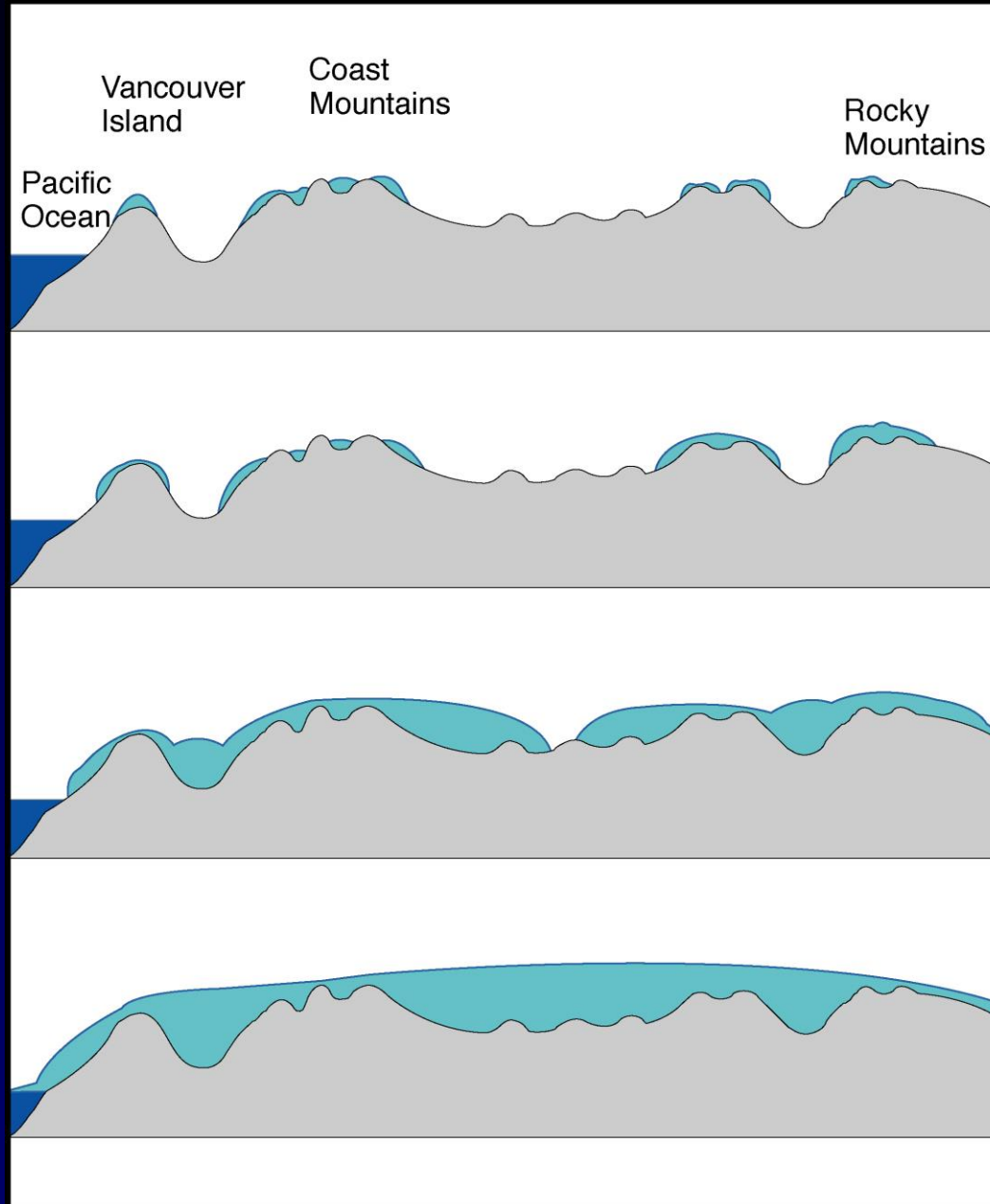
# The glacial footprint in British Columbia

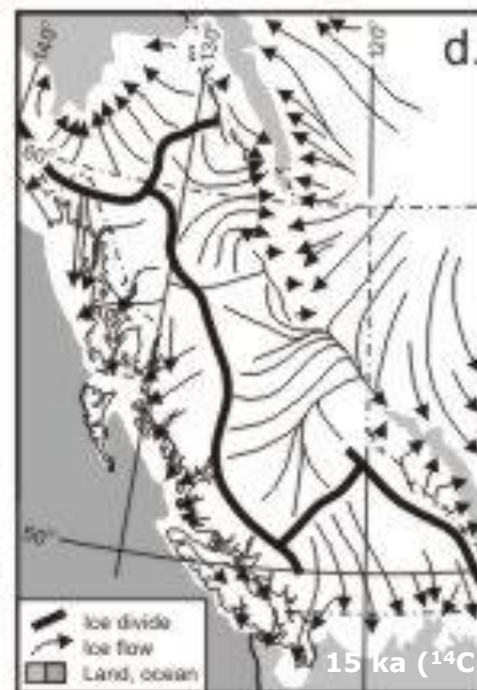
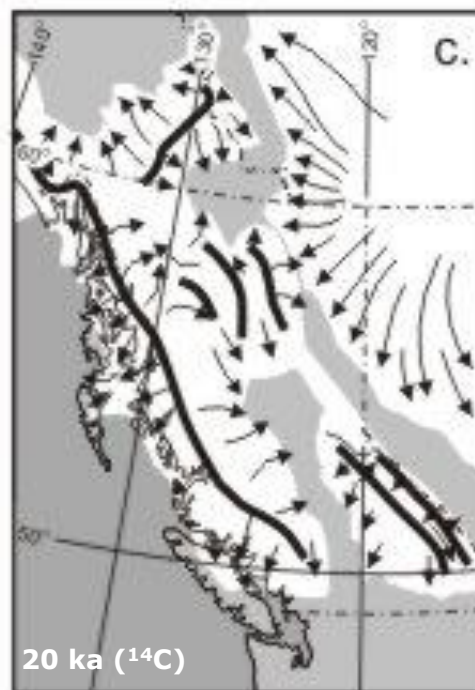
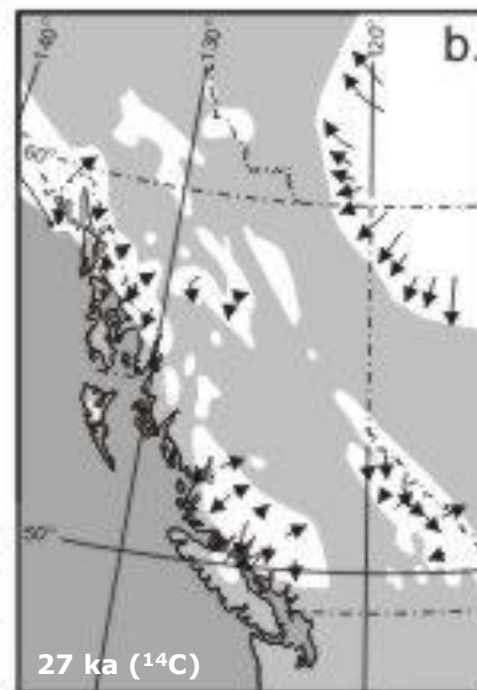
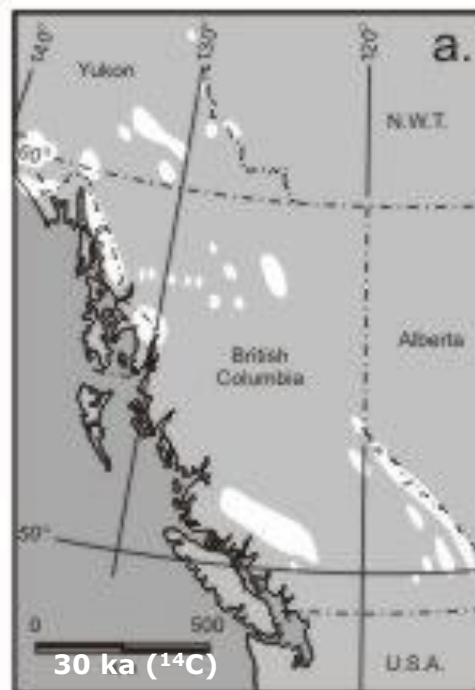




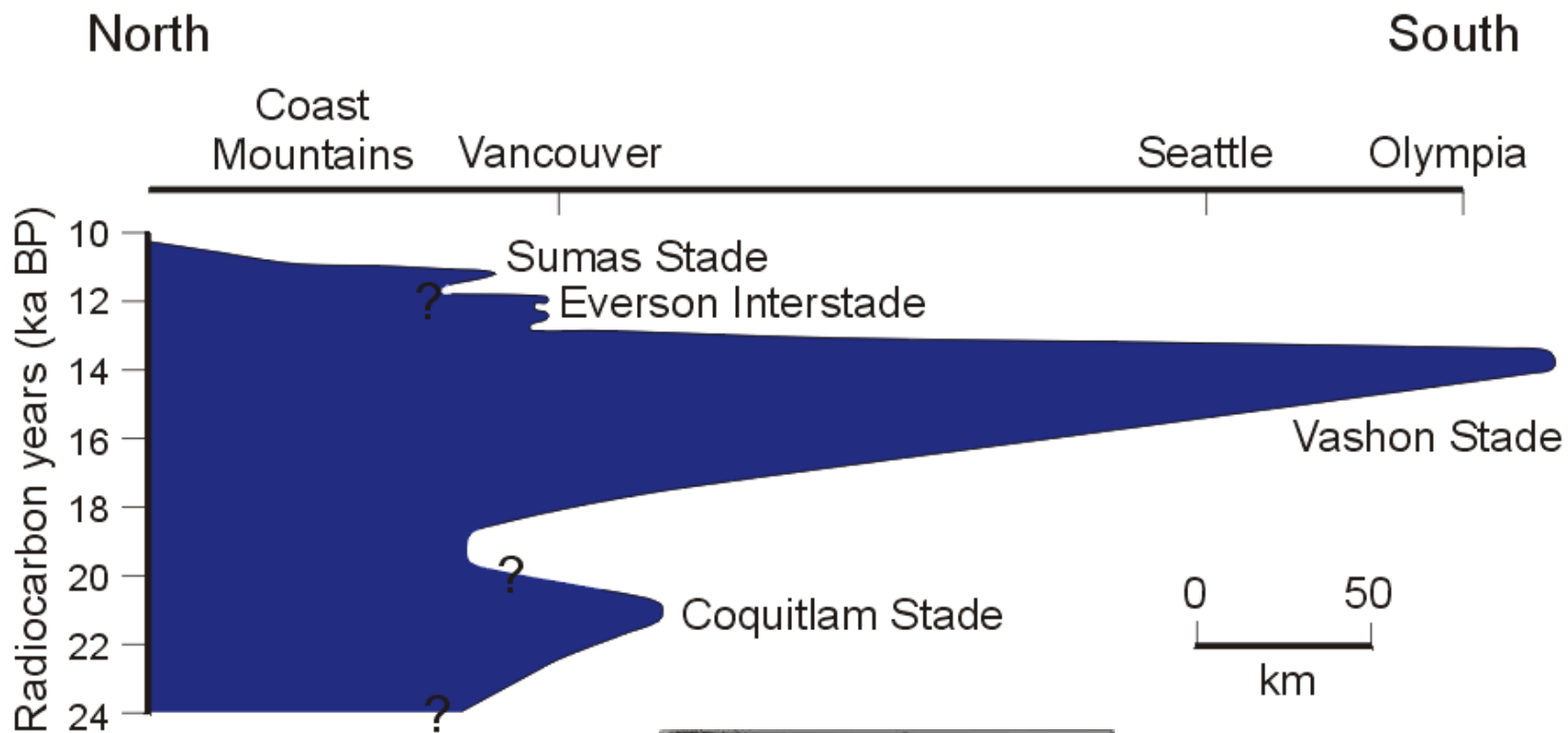


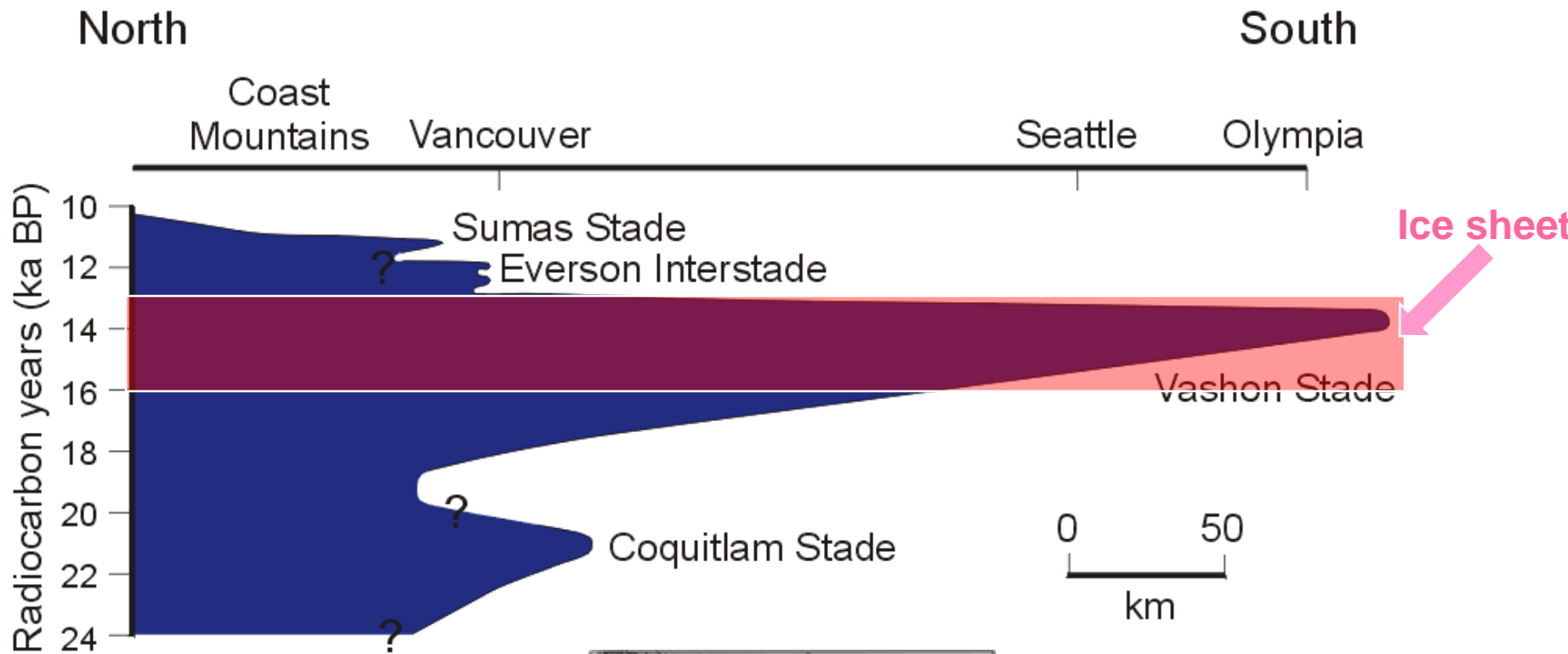
# Ice sheet growth





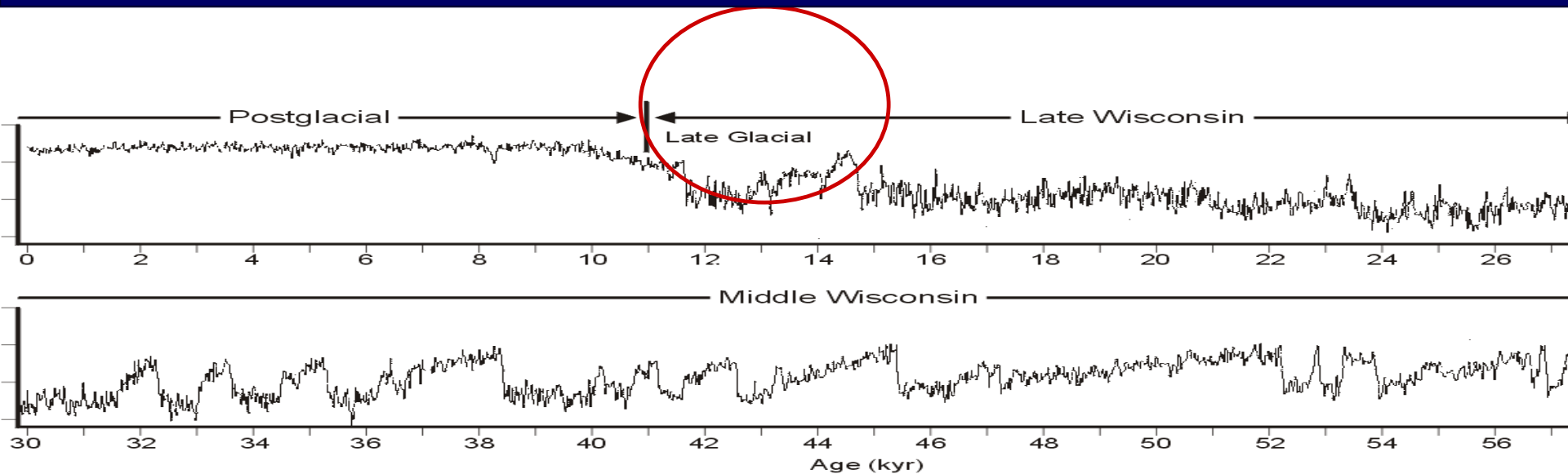




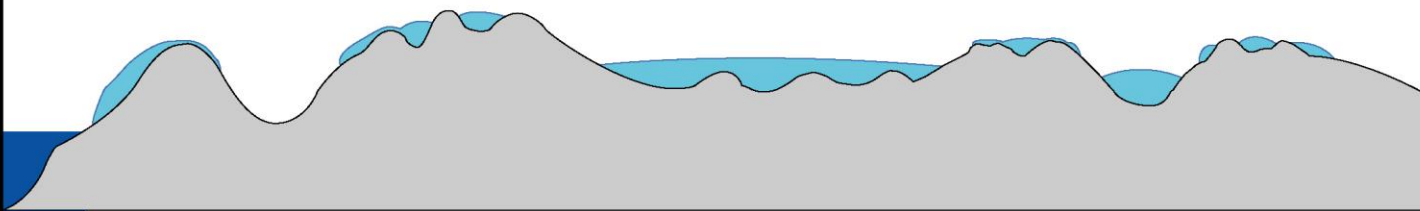
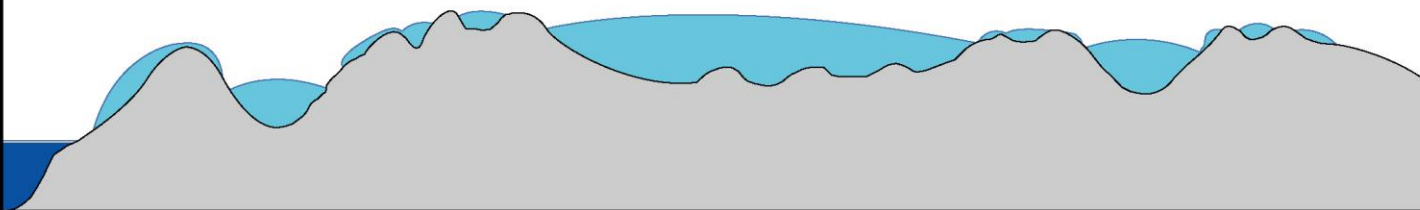
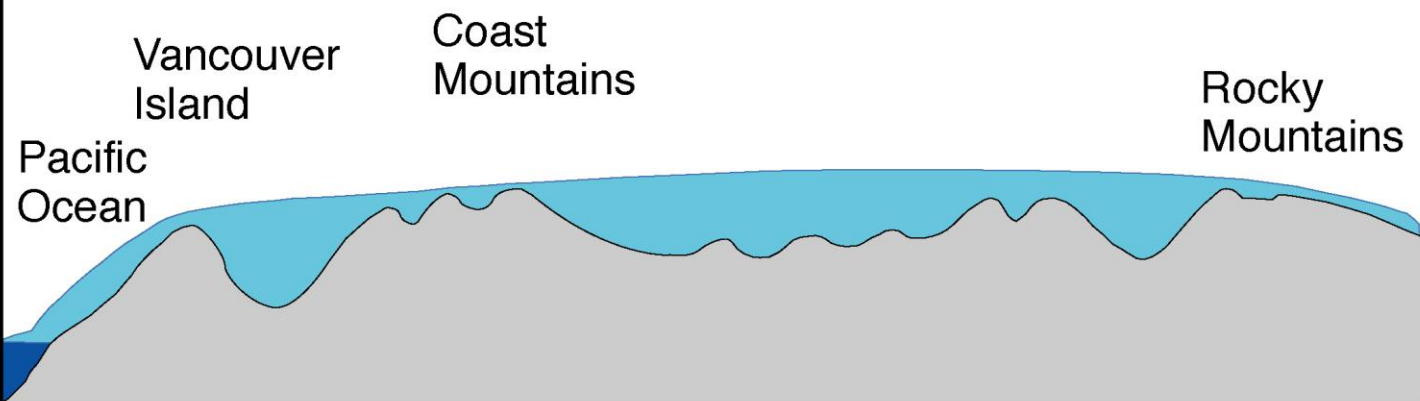




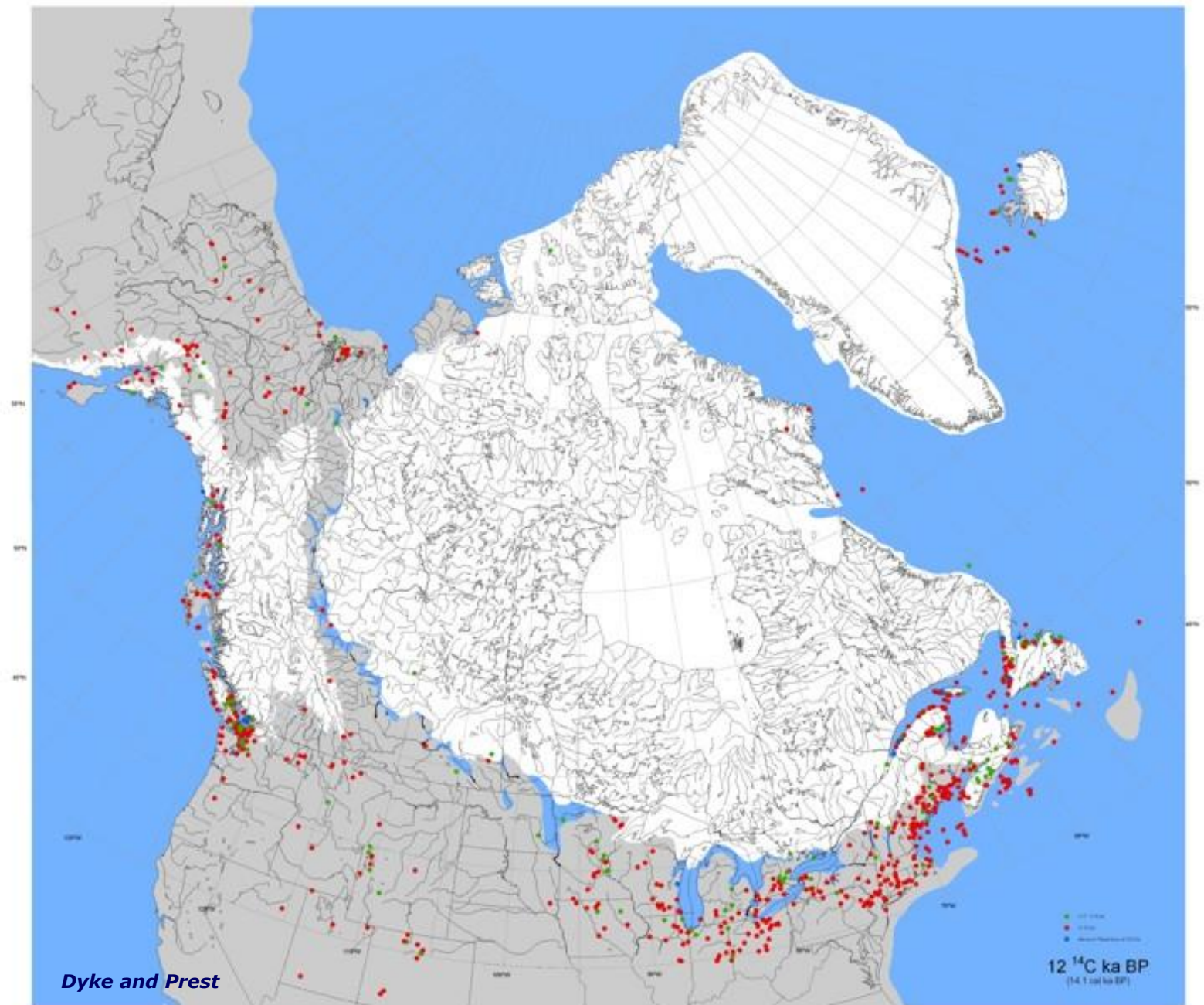
# Decay and death

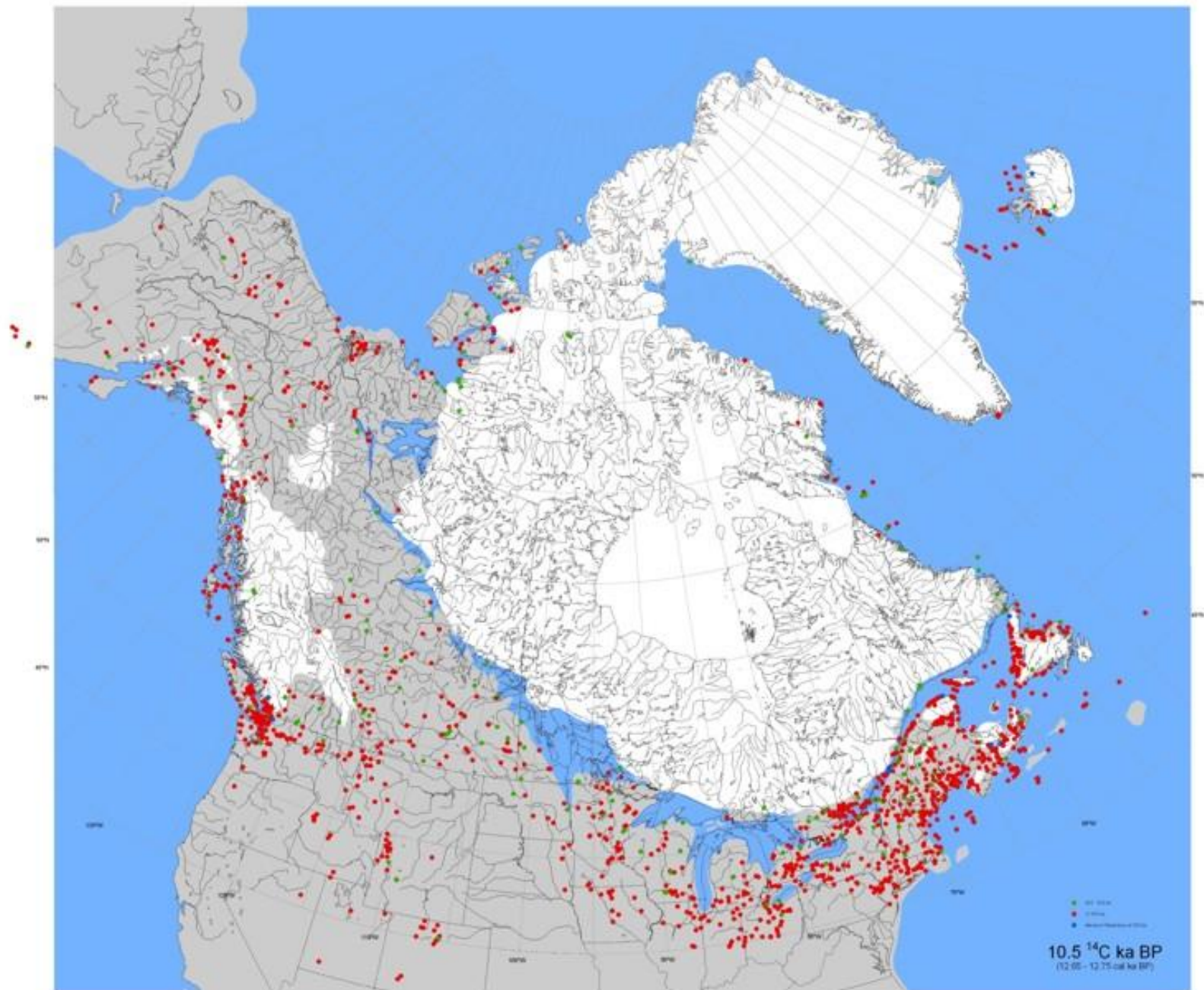


*Stuiver et al.*

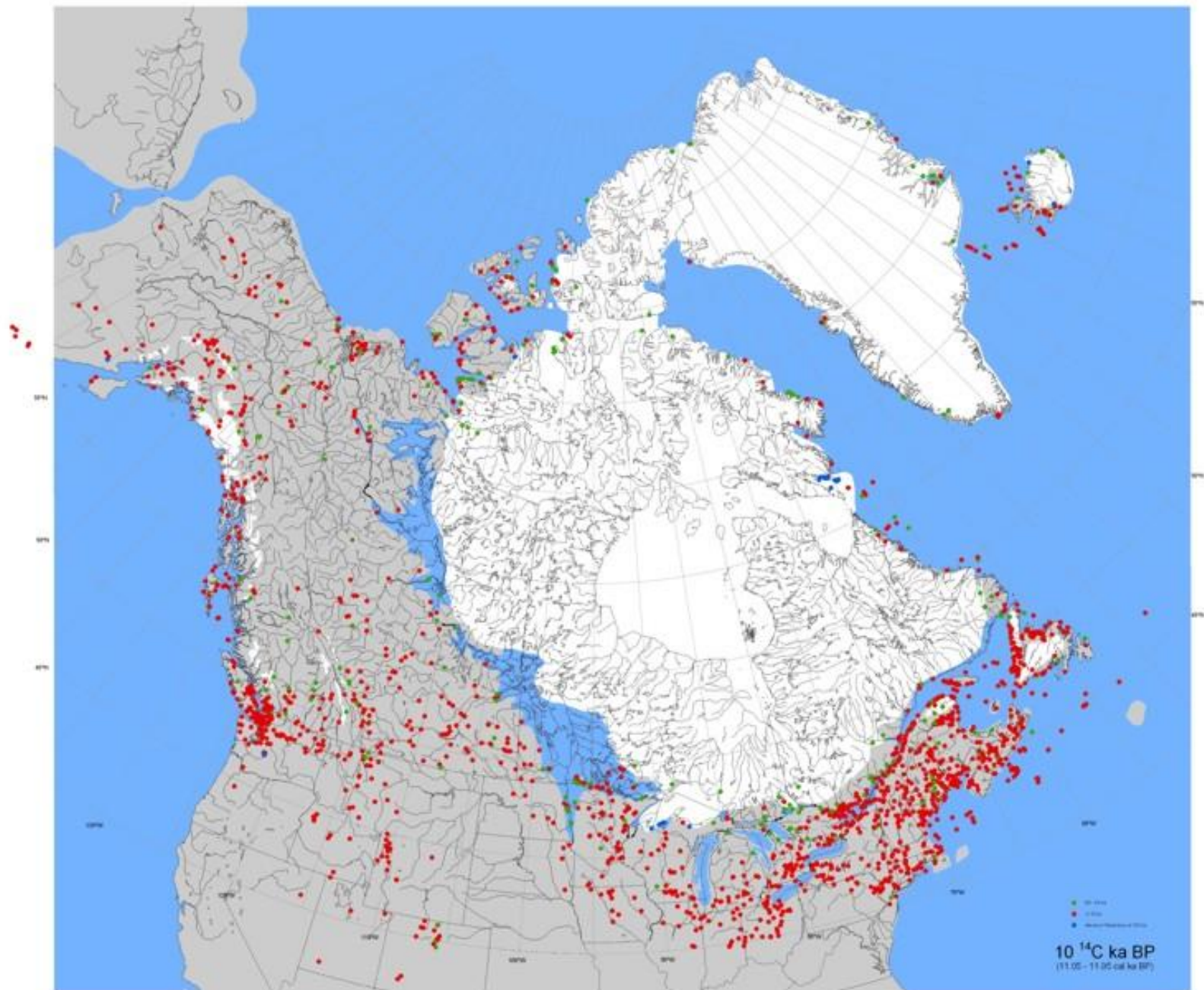






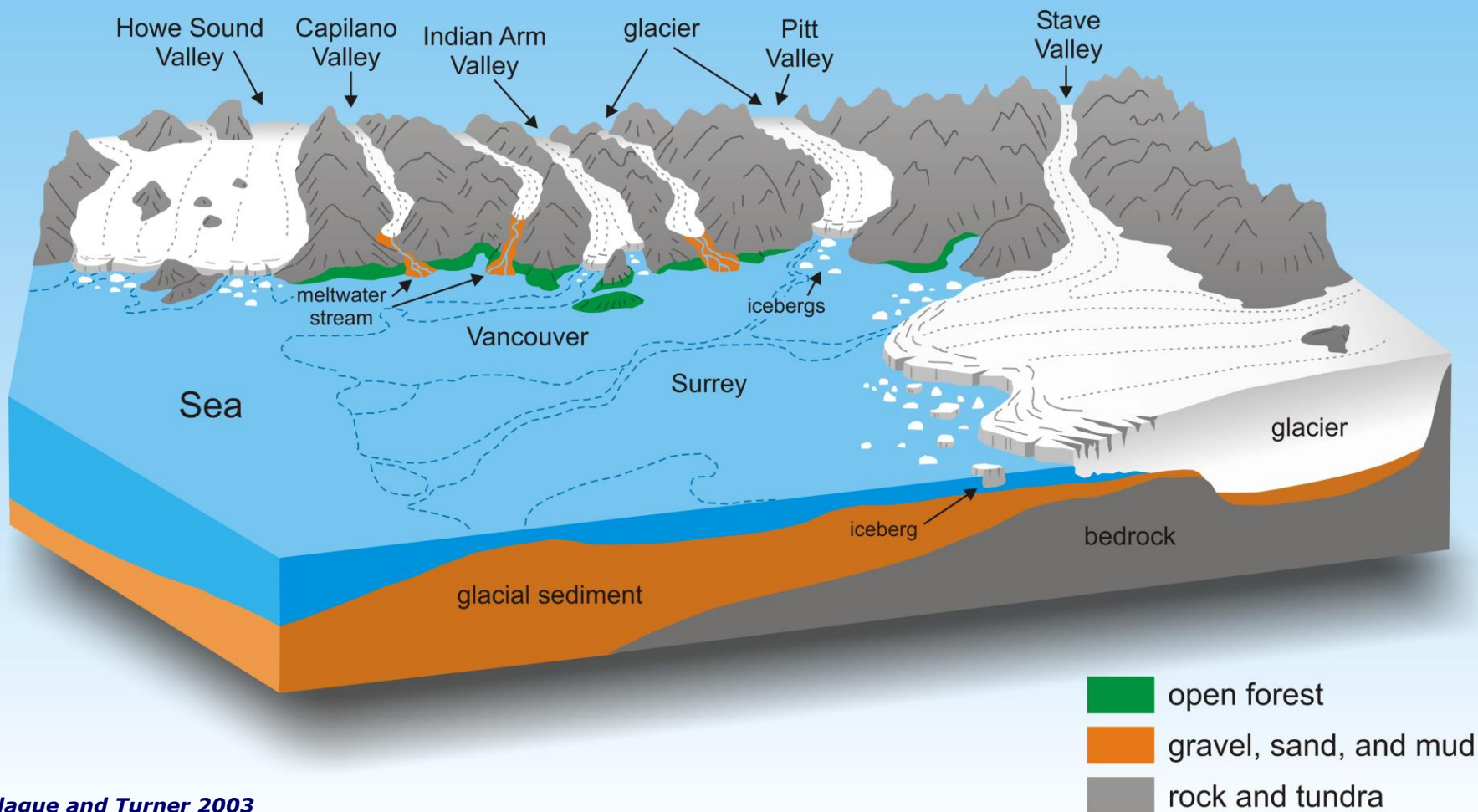




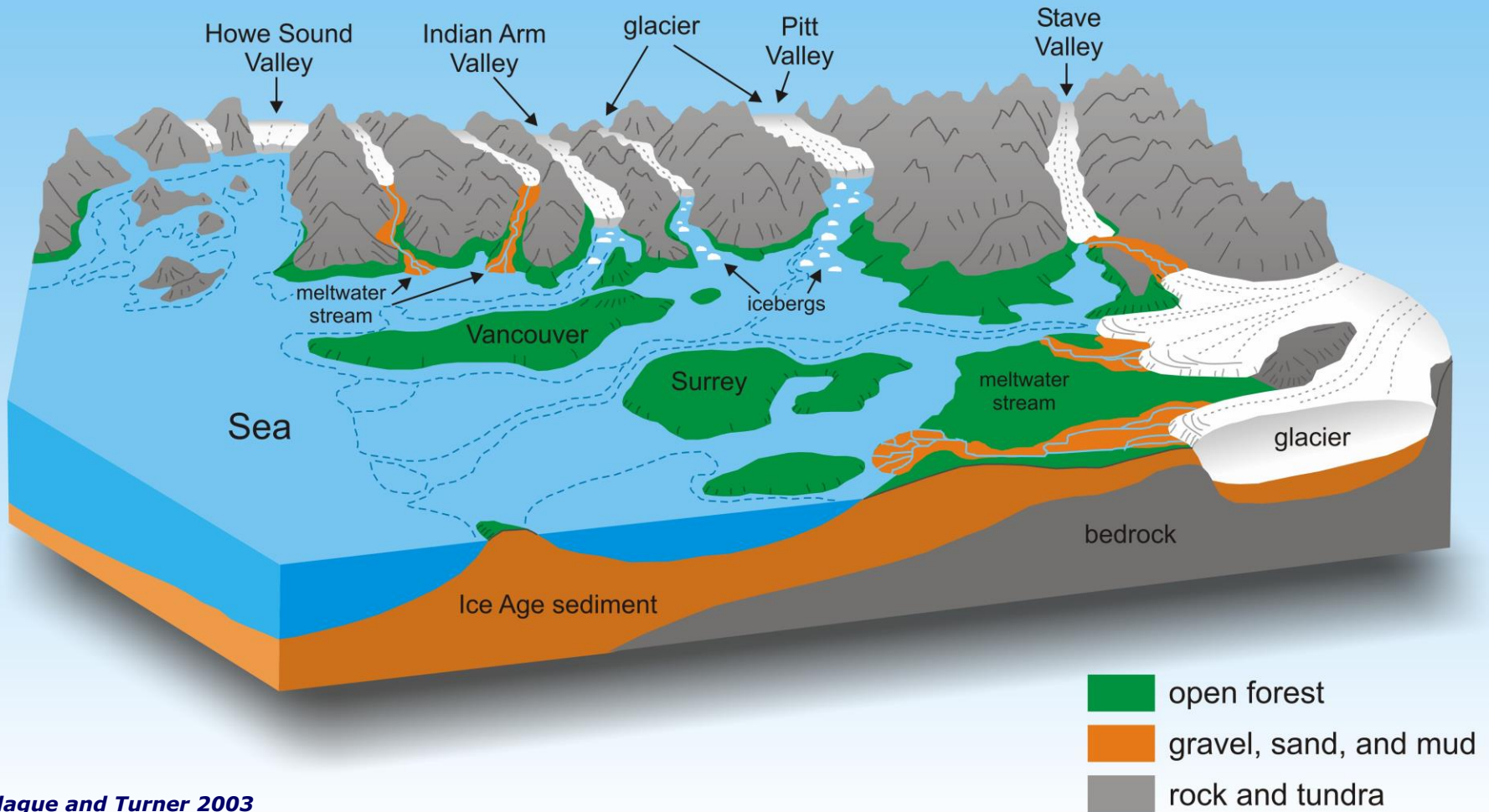


# Retreat at the west margin

13,500 years ago



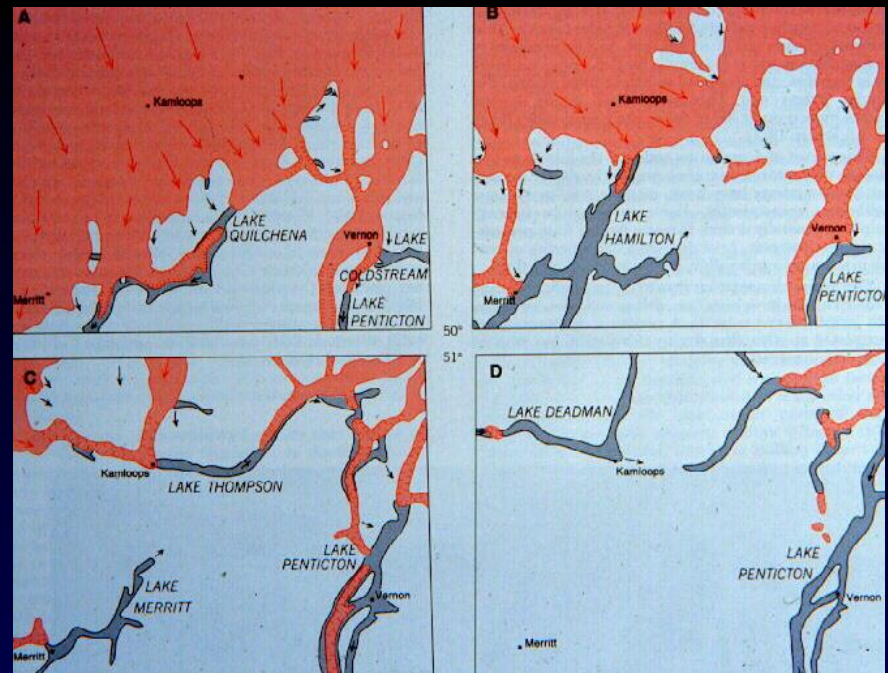
12,500 years ago



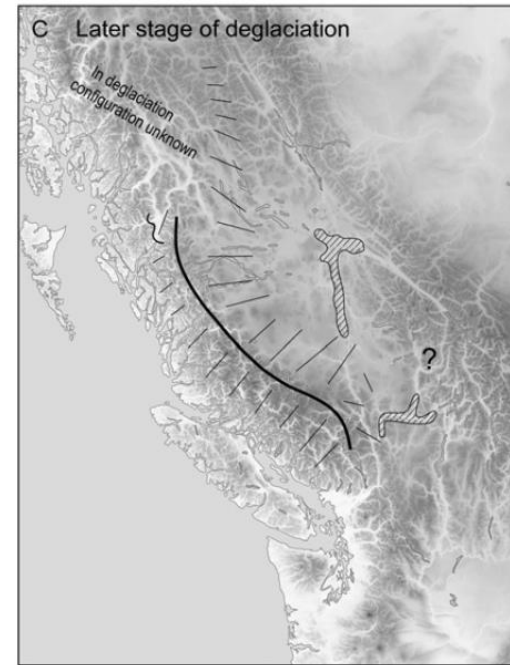
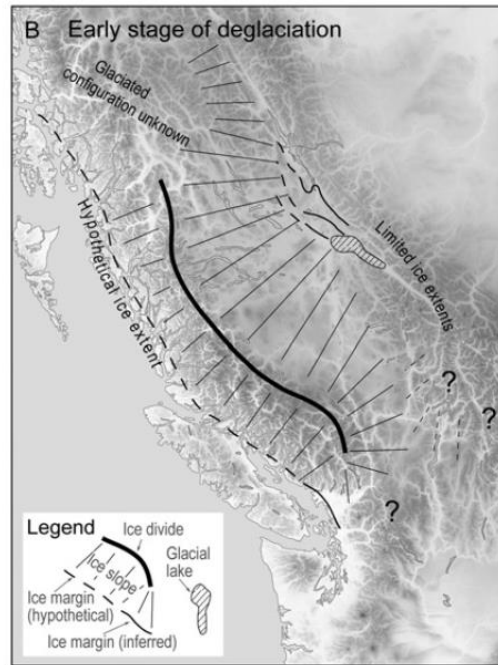
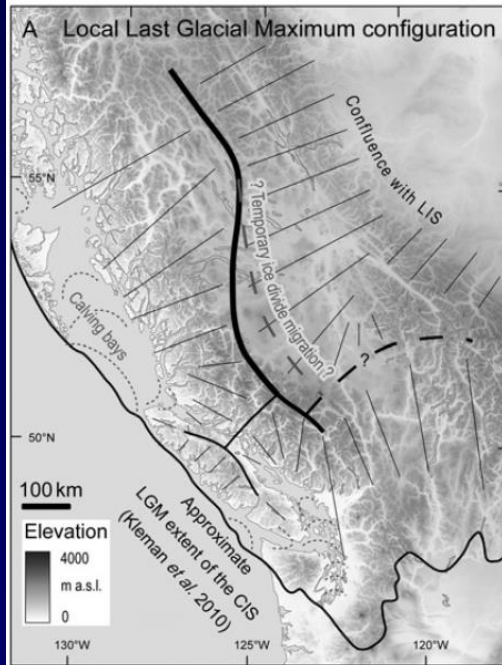


# Retreat near the centre

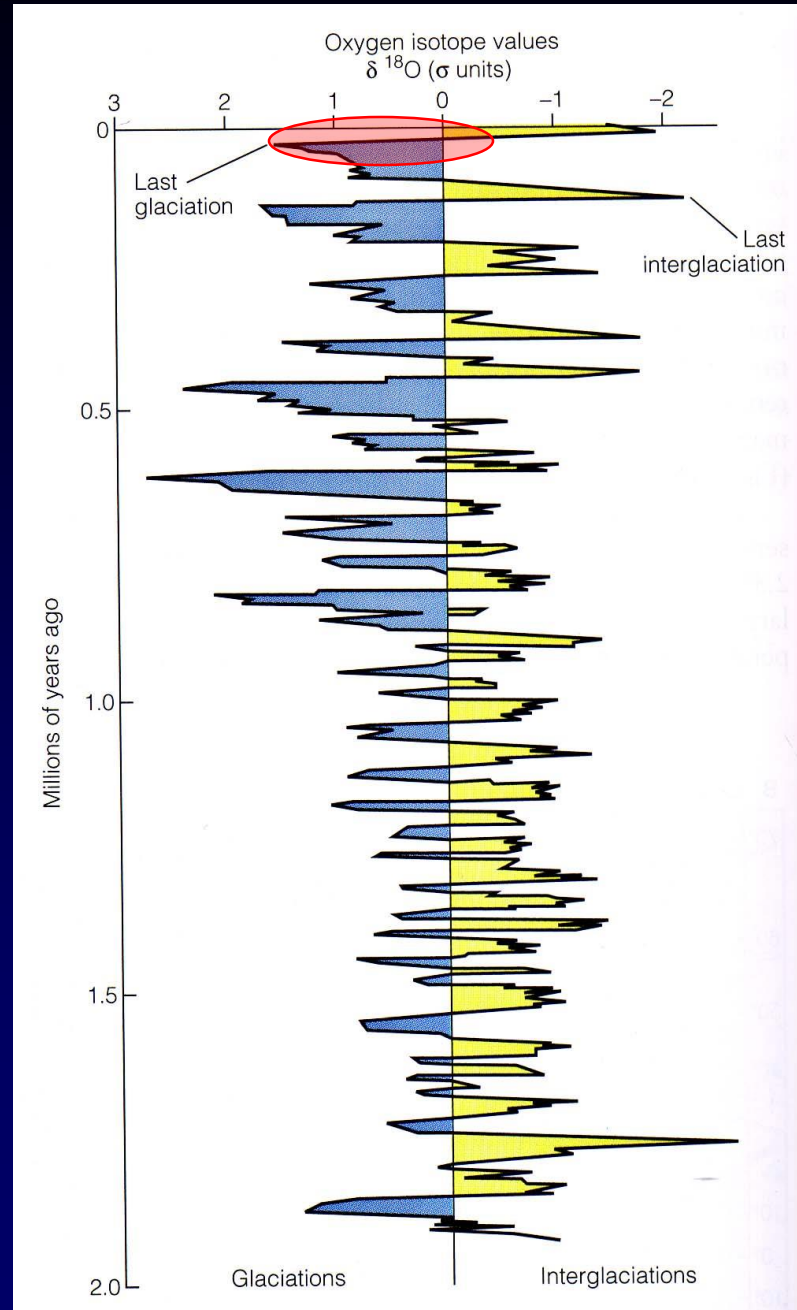
*Margold et al. 2013*



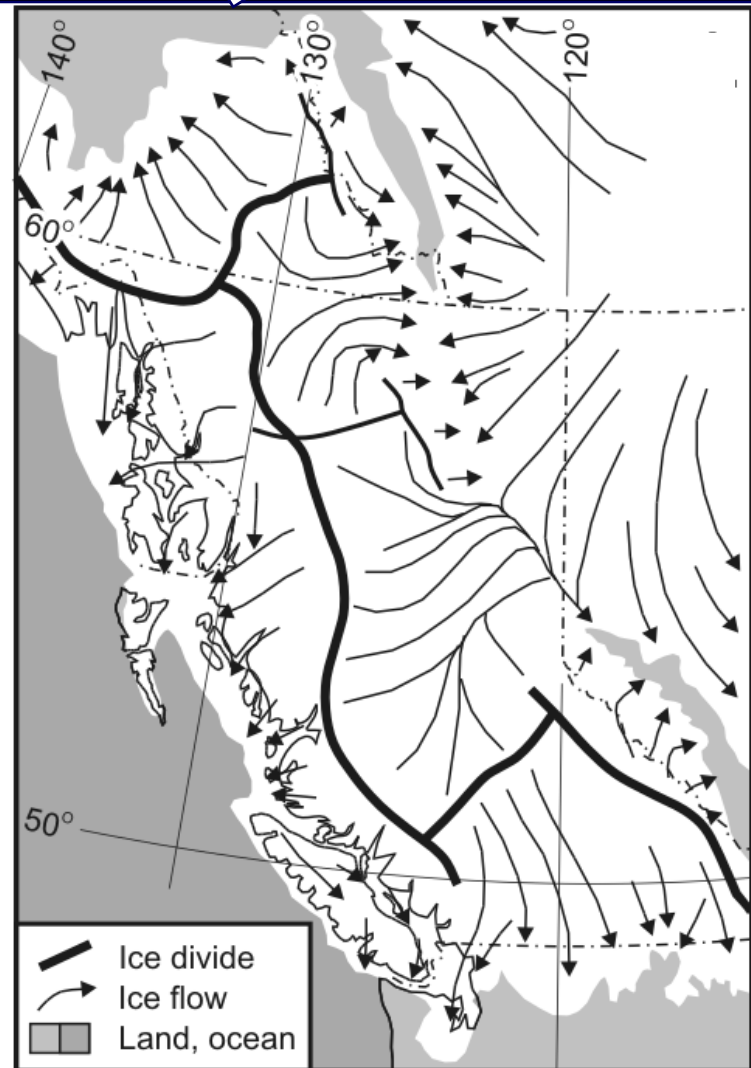
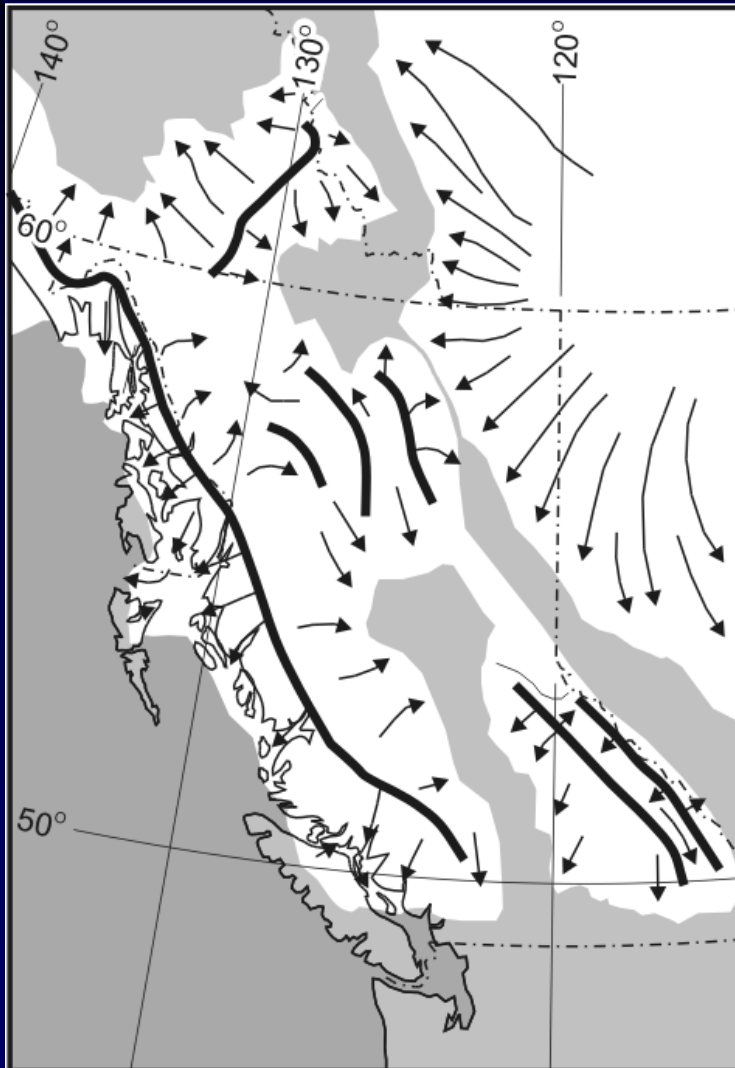
*Fulton*



# How many ice sheets were there?

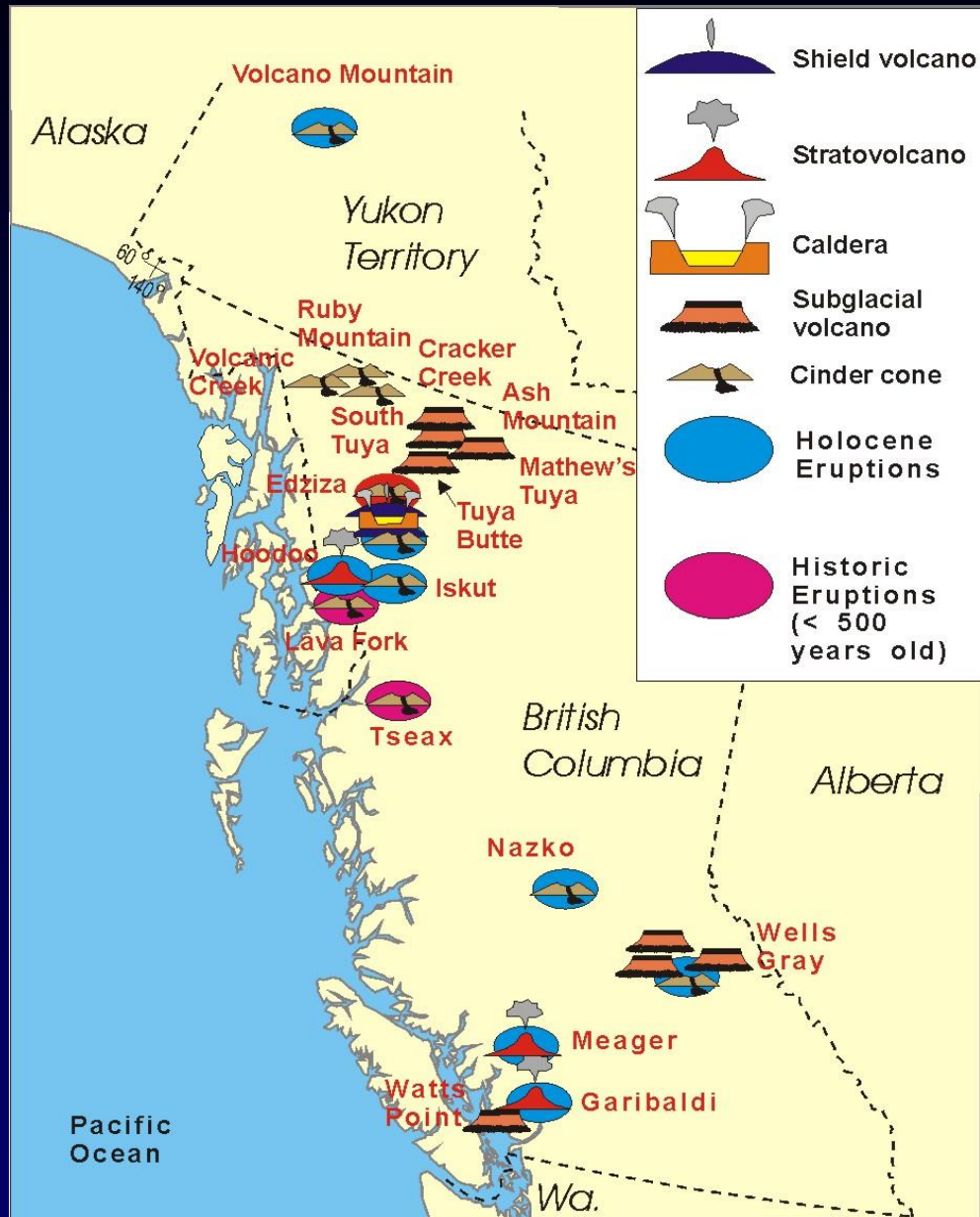


How many of these?

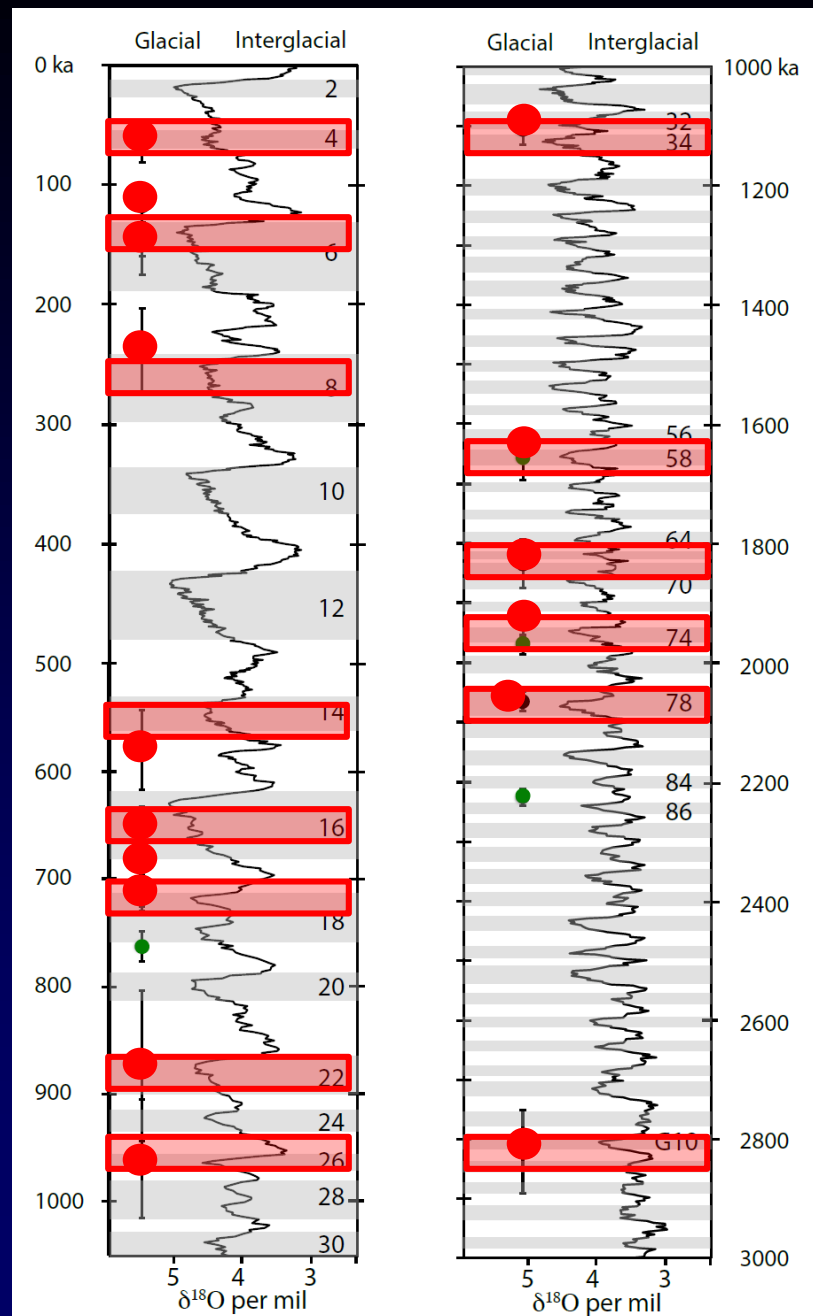




# Glacio-volcanism provides a clue











**Questions**