

Refining the age of Cenozoic fossils and the geological interpretation of Carmanah Group strata along the southwest coast of Vancouver Island

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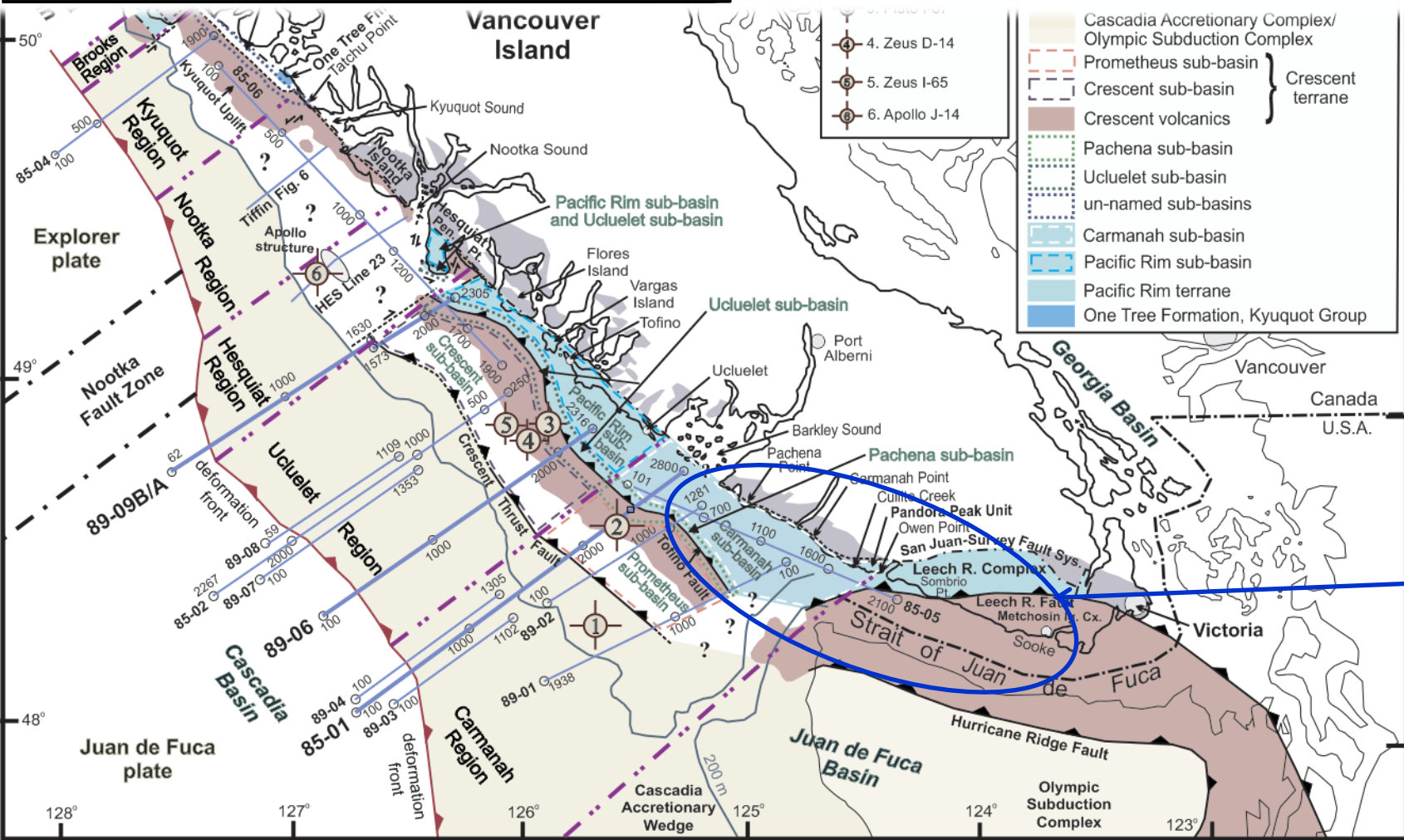
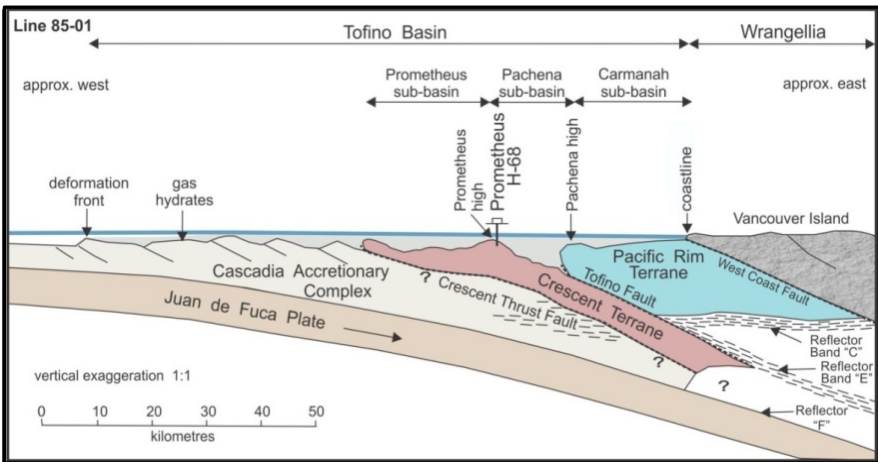
University
of Victoria

The University of
Western Australia

University of
California

Kyoto
University

Saratov State
University



Southwestern Vancouver Island and offshore geological mapping and results

Study Area



Strontium isotope dating



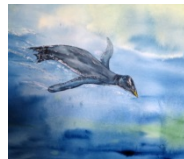
Behemotops



Cornwallius



chimaerid



Stemec



invertebrates

Fossils, biostratigraphy, sediments, and geology

Discovery – Results and Synthesis – Knowledge Transfer – Fossil Protection

Museum's Choice: Fossil Favorites from Across Canada
Alliance of Natural History Museums of Canada

1. Frontier geology and resources

- Fossils, coal, gold, minerals, O&G

2. Results and information synthesis

- New fossil species
- Age of fossils and rocks
- Geological processes & origin of BC
- Fossils & depositional environments
- Time and global changes

3. Knowledge transfer / deliverables

- Publications & field guides
- Web, media, social media
- Tours & public engagements
- Community info boards
- Museum exhibits: ANHMC 2017–2020
Royal BC Museum pocket gallery 2018

4. BC Fossil Heritage and protection

- Muir & Kirby Creek heritage site
- Impact on Museum collections



BC Heritage Branch and site management tour group
Muir Creek Beach, 2017-06