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- ✓* C.J. HODGSON

- +* *4* D. ELLIOT
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- ✓* C. JEFFERSON

*How a project is available*

SIXTH ANNUAL WORKSHOP ON TECTONIC STUDIES IN THE

SOUTHEASTERN CANADIAN CORDILLERA

Thursday, January 17, 1980

- 7:00 p.m. Informal reception, general discussion and final planning of program, Department of Geological Sciences Lounge, 5th Floor, Bruce Wing of Miller Hall. (Registration fee - \$2.00, name tags issued, refreshments and poster boards available)

TENTATIVE PROGRAM

Friday, January 18, 1980  
Seminar Room, Miller Hall.

- 8:30-9:00 Coffee and Doughnuts, Seminar Room, Miller 302
- 9:00-9:20 R. Brown - Frenchman Cap Dome, Shuswap Complex, B.C.
- 9:20-9:35 R. Parrish - Petrologic and structural relations in the northern Valhalla Range: Implications for evolution of Valhalla Dome, Slocan Syncline and Columbia River Fault Zone.
- 9:35-9:55 P. Read - Stratigraphy and structure of Thor-Odin and Pinnacle Peaks Domes.
- 9:55-10:10 V. Chamberlain - The Malton Gneiss, B.C.
- 10:10-10:40 POSTER SESSION and COFFEE  
J. Dixon - Has the North Pacific Spreading Centre been subducted beneath Oregon, Washington and British Columbia?
- 10:40-10:55 M. Morrison - Structure and petrology of the Malton Gneiss and its upper contact.
- 10:55-11:10 R. Raeside - Migmatites and pegmatites, Mica Creek area, Selkirk Mountains.
- 11:10-11:30 P. Simony - Hadrynian stratigraphy and the structure of the Selkirk Front.
- 11:30-11:50 E. Mountjoy - Meadow Creek Formation - a down-faulted part of the Middle Miette, Windermere Supergroup, Jasper, Alberta.
- 11:50-1:20 LUNCH
- 1:20-1:35 R. Lambert - Geochemistry of the Slocan Group and Nelson Batholith.
- 1:35-1:50 R. Lambert - Isotope studies of Pb-Zn deposits related to the Nelson Batholith.
- 1:50-2:05 G. Crowe - Structure and petrology of the Mackie Plutonic Complex, Trail area, southern B.C.
- 2:05-2:25 A. Okulitch - Paleozoic orogenic events in southern British Columbia.
- 2:25-2:40 B. Struik - Significance of Unconformities in the Cariboo River area, central B.C.
- 2:40-3:10 POSTER SESSION and COFFEE  
D. Archibald - Geochronology of igneous and metamorphic rocks from the southern Kootenay Arc, B.C.
- 3:10-3:30 D. Elliott - Mechanics of thrust faulting.

- 3:30-3:45 R. Williams - The ends of thrust faults in the Southern Rocky Mountain Front Ranges.
- 3:45-4:00 D. Spratt - Deformation in the Livingstone Formation, Southern Rocky Mountain Front Ranges.
- 4:00-4:15 N. Woodward - Deformation style in Paleozoic carbonates of the Snake River Range, Wyoming-Idaho,.
- 4:15-4:35 R. Allmendinger - Tectonic significance of microstructures in the Idaho-Wyoming thrust belt and hinterland.
- 4:35-4:50 P. Fermor - Imbricate structures in the Lewis Thrust Sheet, southeastern B.C. - Tectonic erosion at the base of an overriding plate.
- 5:30-7:00 DINNER
- 7:00- ? Beer and Bull Session  
Seminar Room, Miller Hall

Saturday, January 19, 1980  
Seminar Room, Miller Hall.

- 9:00-9:15 P. Erdner - A restored metamorphic section across Teslin Suture and Tintina fault, Yukon Territory.
- 9:15-9:35 R. Thompson - Blind thrusts and their influence on Northern Rocky Mountain structural styles.
- 9:35-9:55 G. Taylor - Pre-Laramide structures in the Rocky Mountain of northeastern B.C.
- 9:55-10:15 H. Gabrielse - Structural styles and ages of deformation in Cassiar and Omineca Mountains
- 10:15-10:45 POSTER SESSION and COFFEE  
C. Jefferson - Correlation of Middle and Upper Proterozoic strata between northwestern Canada and south and central Australia.
- 10:45-11:00 D. Gardner - Porcupine Creek fan structure - tectonic significance of a reversal in regional structural vergence in southern Canadian Rockies.
- 11:00-11:15 W. Foo - Evolution of transverse structures linking the Purcell Anticlinorium to the western Rocky Mountains near Canal Flats, B.C.
- 11:15-11:30 M. McMechan - Northeastern margin of the Belt-Purcell basin and initiation of the Cordilleran miogeocline, southern Canada and adjacent United States.
- 11:30-11:45 R. McMechan - Tectonic significance of structural and sedimentary fabrics, Kishenohtn Formation, Flathead Valley graben, B.C.
- 11:45-1:05 LUNCH
- 1:05-1:35 L. Brown/F. Cook - COCORP Deep Seismic Profiling results from the southern Appalachians and Future Plans for the Cordilleran Thrust Belt.

- 1:35-1:50 P. Morel - Paleomagnetism of Eocene volcanics from the Greenwood-White Lake area, British Columbia.
- 1:50-2:10 R. Price - Intracontinental Ductile Crustal Spreading linking the Fraser River and Northern Rocky Mountain Trench Transform Fault Zones, south-central B.C. and northeastern Washington.
- 2:10-2:30 E. Irving - The Canadian Cordilleran Collage.
- 2:30-5:00 GENERAL DISCUSSION