

FIFTH ANNUAL WORKSHOP ON TECTONIC STUDIES IN THE

SOUTHEASTERN CANADIAN CORDILLERA

Thursday, January 18, 1979

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 19, 1979
Seminar Room, Miller Hall.

8:30-9:00 Coffee and Doughnuts, Seminar Room, Miller 302

9:00-9:10 P. Simony - University of Calgary Program

9:10-9:30 - Structure and Stratigraphy in the vicinity of the Premier Range

9:30-9:50 B. Struik (or P. Simony) - The type area of the Caribooan Orogeny

9:50-10:10 M. Morrison - The Malton Gneiss

10:10-10:30 ^{P. Simony for} E. Chent - Metamorphism in the Northern Selkirk and adjacent Monashee Mountains

10:30-10:45 COFFEE

10:45-11:15 P. Read (with R.L. Brown - Craton-cover interaction; Shuswap Metamorphic Complex with the Northern Selkirks and Kootenay Arc (also poster presentation).

11:15-11:30 M. Perkins - Stratigraphic and Structural Studies in the Northern Selkirk Mountains, British Columbia (poster presentation).

11:30-11:45 ^{Larry Dick} ~~R. Leatherbarrow~~ - ^{Shuswap, in NE Yukon and SW Yukon} Metamorphic Evolution of the Northern Selkirk Mountains, British Columbia (poster presentation).

11:45-12:00 R. Anderson - Hotteluh batholith (poster presentation).

12:00-1:30 LUNCH

1:30-2:00 A. Okulitch - Tectonic Evolution of Paleozoic Rocks in the Southern Part of the Omineca Crystalline Belt (also poster presentation).

2:00-2:15 ^{Glen Taylor} ~~P. Prosser~~ - ^{Trench and Wye K/S areas B.C. Rockies} Metamorphism of South-Central British Columbia (poster presentation).

2:15-2:30 R. Thompson - Structural Studies in the Rocky Mountains, Monkman Pass Area, B.C.

2:30-3:00 P. Gordy - Regional seismic reflection lines and the "Basement Question: in the Southeastern Canadian Cordillera (poster presentation).

3:00-3:15 COFFEE

- 3:15-3:30 R. Price - Queen's University Program
- 3:30-3:50 R. McMechan - Stratigraphy, Sedimentation and Cenozoic Tectonics of the Flathead Valley Graben.
- 3:50-4:10 P. Farmor - The Cate Creek and Haig Brook Windows in the Lewis Thrust Sheet.
- 4:10-4:40 G. Benvenuto - Structural Evolution of the Hosmer Nappe, Fernie-Cranbrook Area, British Columbia.
- 4:40-5:00 M. McMechan - Structural, Stratigraphy and Tectonic Evolution of the Purcell Supergroup in the Rocky Mountains between Fort Steele and Elko, British Columbia.
- 5:00-5:20 D. Shaw - Wall Rock alteration at the Sullivan Mine, British Columbia.
- 5:30-7:00 DINNER
- 7:00- ? Beer and Bull Session
Seminar Room, Miller Hall

Saturday January 20, 1979
Seminar Room, Miller Hall.

- 9:00-9:20 W. Foo - The nature and tectonic significance of transverse, northeastern trending structures of the east flank of the Purcell Anticlinorium, Canal Flats Area, British Columbia.
- 9:20-9:50 K. Glover - Tectonic Evolution of the Kootenay Arc in the Creston-Salmo Area, British Columbia.
- 9:50-10:10 D. Archibald - Geochronology of the southern part of the Kootenay Arc in British Columbia.
- 10:10-10:30 COFFEE
- 10:30-11:00 J. Sears - Structural and Metamorphic Evolution of the Western Selkirk Mountains, Albert Peaks Area, British Columbia.
- 11:00-11:30 R. Price - Tectonic Evolution of the Southeastern Canadian Cordillera.
- 11:30-11:45 - Kinematic relationships of strike-slip faulting, thrust faulting and crustal attenuation in the Omineca Crystalline Belt.
- 11:45-1:00 LUNCH
- 1:00-1:20 E. Irving - Paleopoles and paleolatitudes and displaced blocks in the Canadian Cordillera
- 1:20-1:50 J. Monger - Paleomagnetic studies of the Stikine Block and a Plate Tectonics overview of the Canadian Cordillera.
- 1:50-5:00? GENERAL DISCUSSION