



ASH FALL

*News Letter of the Volcanology Division
Geological Association of Canada*

INTERNATIONAL SYMPOSIUM ON THE ACTIVITY OF OCEANIC
VOLCANOES, PONTA DELGADA, AZORES,
AUGUST 4-9, 1980

The principal meetings of the International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI) are held every 4 years in conjunction with the General Assemblies of the IUGG. At irregular intervals between, "scientific meetings" organized by local groups are held at various localities and on various themes. These tend to be Penrose-sized meetings with a fairly narrow focus of interest, and are thoroughly enjoyable to attend. Such a meeting was the one held in the fledgling University of the Azores in Ponta Delgada this summer, where some 60 or 70 delegates from 18 countries gathered. From Canada were Joe Brummer, Gunther Muecke, and myself. The meeting was organized by University staff led by Professor Fredrico Machado with obviously a generous level of support from local governments.

The bulk of the papers presented at the meeting dealt with the petrology and geochemistry of oceanic islands and floor in accordance with the theme of the conference, a few concerned volcanism in island arcs, and, as an unexpected bonus, a number of spontaneous contributions on Mount St. Helens were given by recent visitors to that eruption. These latter, plus a group of papers on the on-going "fill and discharge" activity of Krafla Caldera in Iceland were, in my opinion, the highlights of the conference.

A week of field trips to various islands of the Azores group followed the week of meetings. I took the trip to Fayal and Pico, which have had some of the most recently active volcanoes, Capholinos in Fayal in 1957-58 and Pico in 1720. Those who went on the Terceira trip were able to see some of the extensive damage resulting from the earthquake of last New Year's day. Our field trip costs of \$120 (U.S.) for 5 days of superb accommodation, meals, and transportation, must mark the Azores as some sort of oasis in our high-priced world.

VOLCANIC HAZARDS RESEARCH IN THE CORDILLERA
(WITH EMPHASIS ON CANADA)

CALL FOR PAPERS

A special session on Volcanic Hazards Research in the Cordillera will be held at the Annual Meeting of the GAC in Calgary in May, 1981. Papers dealing with any aspect of Recent volcanism in Canada, and volcanic hazards research in Canada or the U.S., are welcome. For further information, contact:

R.M. Easton,
Department of Geology,
Memorial University,
St. John's, Newfoundland.
A1B 3X5

ABSTRACTS BEFORE JANUARY 15

2ND VOLCANOLOGY FIELD TRIP

THIS TIME TO MARTINIQUE, DOMINICA AND ST. VINCENT

APRIL 18 to APRIL 29, 1981

MORE INFORMATION PLEASE:

NAME _____

ADDRESS _____

SEND TO: Dr. J. Nichols,
Department of Geology,
University of Calgary,
Calgary, Alberta.
OR: Phone (403) 284-7127

GENERAL MEETING, HALIFAX, 1980

1. Minutes, as published in Ashfall, adopted.
Business arising:
 - a) Compilation of research to continue - want work in progress, lats, longs, type of work conducted and what units involved, person's phone number - no statement of results, just 2 sentences - that's all. Also want titles of unpublished theses. Continue institutional reporting and councillors in charge of their regions. Adopted.
 - b) Field trips: i) Spring trip set to go, Smith leading, Nicholls coordinating, April 18-29, 1981, St. Vincent, Martinique, Dominica, ~\$1,200/person plus food and drink. Must know by November; deposits due in fall. ii) From Victoria GAC: Hawaii? Recent BC volcanics? St. Helens? All in progress. Contact Neil Church. iii) From Winnipeg GAC: co-sponsor volcanogenic trips with GAC?
 - c) Calgary meeting - Cordilleran volcanism session to go ahead even though in conflict with GAC Vancouver symposium in February. Must avoid such conflicts in future.
 - d) Excess money and awards. Tabled.
2. Financial report (see attached). Accepted. Query on income - 2 years' dues - query on expenses - is newsletter too expensive? We are in fact falling behind, but 10 members up from last year. Dues will stay same for next year.
3. Other field trips: S. Papezik, MUN, wants to run a trip to Naples-Aeolian Islands, Etna. Currie, UWO, knows about local field trips in Caribbean. "Please communicate with me regarding such trips."
4. Councillors' reports: Papezik reported on new work in east, Currie noted special JGR volume (summer, 1982) on deep drilling in Iceland, Bermuda and Azores. Also noted deep crustal drilling projects may include drilling through a greenstone belt.
5. International meeting of IUGC in Canada possible in 1987 - no decision yet.
6. Computer bank of chemical analyses. Church and Schau to discuss further.
7. Atlas of volcanic features in outcrop and thin section. Schau to continue investigations.
8. Election of proposed slate. One councillor to be appointed to fill Nicholls' place.
President, J. Nicholls, University of Calgary
Vice-President, B.N. Church, Dept. of Mines, Victoria
Secretary-Treasurer, Mikkel Schau, GSC, Ottawa
9. J. Moore moved meeting closed.

14 attending, 39 proxy votes, total membership 190!

GEOLOGICAL ASSOCIATION OF CANADA

VOLCANOLOGY DIVISION FINANCIAL REPORT, MAY, 1980

Balance as per May 22, 1979	\$ 543.71	Printing and production of Newsletters**	\$ 534.40
Membership dues received	759.00*	Bank service charge	.20
Bank interest	23.36	Cash on hand	100.00
		Civil Service Co-operative Credit Society Ltd.	691.47
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	\$1,326.07		\$1,326.07

*Two years.

**Thought to be too high.

CALL FOR PHOTOGRAPHS

THE GAC VOLCANOLOGY DIVISION IS ESTABLISHING A CENTRAL CLEARING HOUSE FOR SPECTACULAR PHOTOGRAPHS OF VOLCANOLOGICAL FEATURES ON OUTCROP AND (LESS IMPORTANTLY) THIN SECTION WITH A VIEW TO EVENTUALLY COMPILING AN ATLAS OF VOLCANIC FEATURES SIMILAR TO MOORHOUSE'S THIN SECTION ATLAS (GAC SPECIAL PAPER NO. 8).

Mikkel Schau,
Room 461,
588 Booth Street,
Ottawa, K1A 0E4

DID YOU REALLY QUIT, OR DID YOU PAY YOUR DUES LATE?

3162	A. Alterton	3224	P.J. MacGeehan
2796	A.C. Amos	1435	W.O. Mackasey
3144	D.G. Bailey	1474	W.H. Mathews
3283	W.R. Benham	1599	K.C. McTaggart
0712	D.A. Bradley	2964	J.K. Mortensen
0733	C. Brooks	1531	N.R. Newson
0066	R.E. Brown	2844	H.C. Palmer
2509	P.S. Buck (Australia)	?	V.A.G. Preto
3296	W.E. Clister	0413	L.M. Riccio
0921	E.D. Dodson	1870	J.W. Skehan
0928	H.V. Donohue	?	J.G. Souther
1005	P.E. Fox	0452	A. Spancers
1053	E.D. Ghent	3500	H. Squair
1065	L.B. Gillett	1922	J.S. Stevenson
0319	Y. Herbert	1935	D.F. Strong
1179	R.H. Hewins	3278	W.H. Thompson
0233	B.L. Hodgins	2933	J.A. Turner
2536	D. Hope-Simpson	2010	M.J. Vallee
?	D. Hunter	3340	F.W. Welmer
1242	L. Imreh	?	M. Wittrup
0247	D.G. Innes	1786	W.E. Roscoe
3244	M.C. Jackson		
1253	R.S. James		
0253	L.S. Jensen		
2876	A.M. Jessop		
1272	H. Jones		
2644	B.W. Kyba		
1355	M.B. Lambert		
2830	J. Lefebvre		
3123	G. Lefrançois		
3236	E.M. Lyons		

PLEASE LET ME KNOW WHETHER YOU'RE STILL PART OF ORGANIZATION.