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VOLCANOLOGY DIVISION
GEOLOGICAL ASSOCIATION OF CANADA

FIELD TRIP TO THE CANARY ISLANDS

Professor Hans Schmincke of the University of the Ruhr, Bochum, West Germany has agreed to lead the field trip. This is most fortunate for us as Dr. Schmincke is not only one of the principal authorities on the Canary Islands but is also one of the leading volcanologists of the present day. His experience in the Canaries has been mainly on Gran Canaria but he has proposed that we begin our trip on La Palma where pillow lavas of the basal complex, as well as currently active volcanoes, are exposed, and finish it on Gran Canaria.

The trip is scheduled for the period April 9 to 23, 1979. An abbreviated time table, registration form and costing for the trip is given on the attached form from Allan's Travel Service, who are making all travel arrangements. Because of a need to reserve accommodation early, we have made tentative reservations for 22 people (6 double, 10 single rooms) on Gran Canaria and La Palma.

We require a minimum of 20 people if the prices quoted are to include the fare and expenses of Hans Schmincke, the tour leader. If less than 20 people register, some extra cost may be required to cover the expenses of the tour leader. Hopefully, this would not exceed an additional \$50. If this occurs you will be notified and asked to confirm your intentions with regard to the trip.

We still need more people for this trip. Hence, we are waiving membership requirements (i.e. Volcanology Division membership) and opening up the excursion to anyone. If you have friends who may be interested in coming, please encourage them to join us. If the number exceeds 22, and we cannot reserve further accommodation, preference will be given to members and accompanying members of the Volcanology Division, the G.A.C. and others in that order.

In this letter you are being asked to make a definite commitment and a down payment before December 15, 1978. Please send your registration form and down payment directly to Allan's Travel Services Limited in Ottawa.

Geology

On Gran Canaria there are three principal magmatic phases separated by periods of erosion. The oldest phase (13.5-9 Ma ago) is the most voluminous and consists of an older succession of mildly alkalic basalts and intermediate rocks followed by siliceous eruptives (chiefly ignimbrites) that accompanied caldera collapse. A remarkable complex of closely spaced cone sheets is also exposed in the dissected volcano. The 2nd phase (4.4-3.4 Ma) succeeding a long erosional interval comprises mainly feldspathoidal mafic and felsic volcanics, and the 3rd phase persisting to recent times (2.5-present) is represented by a fairly small volume of highly feldspathoidal rocks. The other islands follow a generally similar course. References are given below.

References

- Schmincke, H.U.,
1976: The geology of the Canary Islands, in Kunkel, G., editor, Biogeography and Ecology in the Canary Islands; p. 67-184, W. Junk, Publishers, The Hague. An excellent summary, but may be difficult to find.



ALLAN'S TRAVEL SERVICE LIMITED

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56 Sparks St, Suite 804,
Ottawa, Ontario K1P 5A9
Tel. 238-5696



In conjunction with The Vocanology Division Geological Association of Canada, we at Allan's Travel Service, wish to advise you of the following arrangements made for the expedition to the Canary Islands.

Special group flights have been arranged from Montreal:

08 APRIL - 23 APRIL 1979
VIA IBERIA AIRLINES

09 - 13 APRIL

Island of LA PALMA - SANTA CRUZ DE LA PALMA
"PARADOR NACIONAL" - Breakfast daily

13 - 20 APRIL

Island of GRAN CANARIA - TEJEDA
"PARADOR TEJEDA" - All meals daily

20 - 23 APRIL

Island of GRAND CANARIA - LAS PALMAS
HOTEL DON JUAN - Breakfast

Cost for accommodation & transfers - \$485.00 - double occupancy
65.00 - single supplement

Cost of air transportation from:



IBERIA

MONTREAL	-	\$407.00
TORONTO	-	431.00
WINNIPEG	-	461.00
EDMONTON/CALGARY-		491.00
VANCOUVER	-	521.00

Please add \$8.00 Canadian Transportation Tax. Air fare subject to a minimum of 20 participants.

Note: All air fares are subject to change: land arrangements are subject to currency devaluation.

CONDITIONS:

1. Reservations: A deposit of \$100.00 per person is required at time of booking, balance is due 6 weeks prior to departure.
2. Cancellation: A charge of \$25.00 per person for cancellation up to 6 weeks prior to departure to cover administrative and communication expenses. Cancellation received up to 21 days prior to departure are subject to a charge of \$25. per person and all non refundable land cost. A charge of 25% of the applicable air fare is charged by the airline for cancellation within 15 days or once tickets are issued.
3. Cancellation Insurance is recommended, both air fare protection as well as holiday cancellation insurance.
4. Registration must be received prior to December 15 1978.



6. New Business

Mikkel Schau suggested that some means be investigated for standardizing rock nomenclature by circulation of standard sets of samples for which there is some measure of agreement on nomenclature. Some discussion, but nothing decided.

Nick Arndt advised that he would be going to the I.U.G.G. meeting in Canberra and could act as representative at IAVCEI meetings. This is noted for future reference.

The meeting was adjourned about 6:30 p.m.

FINANCIAL REPORT, OCTOBER, 1978

	\$		\$
Balance as per April 20, 1977	1,010.67	Postage	81.50
Membership dues received, 1977	72.00	Printing and stationery, reproduction of Newsletter and Notices	305.38
Membership dues received, 1978	310.00	Civil Service Co-operative Credit Society Limited	826.29
Bank interest	20.50	Cash on hand	200.00
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	1,413.17		1,413.17

PRECAMBRIAN NOMENCLATURE

The Precambrian Division, at its recent Annual Meeting in Toronto, resolved to take a more active role in determining the Canadian position on Precambrian nomenclature, currently under discussion in a working group of I.U.G.S. Since this may be of interest to many of our members, the following is extracted from the Minutes of the Precambrian Division.

"The thought was expressed that there has not been broad enough representation or input from Canadian geoscientists into Canadian contributions to international proposals for subdivision of the Precambrian...

The following actions were recommended:

(a) The Division shall request copies of the Minutes of meetings of the Canadian and U.S. working groups arising from their deliberations regarding Precambrian time-stratigraphic subdivision.

(b) The Division shall request that its members and other interested persons have the opportunity to participate in the formulation of Precambrian time-stratigraphic subdivision for the Canadian Shield that will be submitted by the Canadian Working Group.

(c) It is important that a mechanism be established for continuing involvement of the Precambrian Division in these activities. It is suggested that the Division request a full, voting membership on the Canadian working group."

A questionnaire was enclosed with the Minutes with a view to determining the position of the Precambrian Division membership. If anyone in our Division would like their views known on this subject, questionnaires can be obtained from: K.D. Card, Geological Survey of Canada, 588 Booth Street, Ottawa, Ontario. K1A 0E4.

MEMBERSHIP

Newsletters and notices of business have been circulated to all persons who have been members of the Volcanology Division for the last three years. Newsletters in the future, however, will be sent only to "paid-up" members. Please do not neglect the Volcanology Division when you pay your dues for the G.A.C.

CANARY ISLAND FIELD TRIP

Returns from the questionnaire distributed with the last newsletter were sufficiently encouraging to proceed with final planning for the field trip to the Canary Islands. Sixteen people are strongly interested, 16 are mildly interested, and the majority wish to go in April. We have assumed that respondents who favoured the March period but did not rule out the April period would switch to the latter, if necessary.

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