
Concluding Remarks

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Concluding remarks

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Professor Tilley in his closing remarks said that members of the Conference were greatly indebted to the Royal Society for sponsoring the meeting and providing all the facilities which had meant so much towards its success.

They were also indebted to the generous support of the international bodies S.C.O.R., I.U.G.S., I.U.G.G./I.A.P.S.O. and U.M.C. which strengthened the international representations at the Sessions.

On behalf of members of the Conference it was a privilege for him to extend to the organizers, Sir Edward Bullard, Dr Cann and Dr Matthews the warmest congratulations on their most effective work in the preparation and running of a most productive meeting.

A survey of the papers presented the considerable extent of variation of ocean-floor basalts and their metamorphism, but much still remained to be investigated, in particular he had in mind the need for more extended systematic traverses across critical sections of the Mid-Atlantic Ridge to be conducted. He hoped that in order that future studies might more effectively be encouraged the Conference would at their final meeting set up a Committee with international representation to review progress and serve as a coordinating body which might direct attention not only to work in hand but also to areas of critical importance for future study. Mention had already been made of the desirability of instituting drilling programmes through the ocean floor. He believed that such programmes should be encouraged, particularly as they might reveal the presence of plutonic assemblages of wider chemical variation beneath a modest lava cover, of which indeed there were already indications in several studies already reported.

In the light of results already achieved and reported at the Conference, further studies of the ocean floor held promise of results of high significance both to geology and geophysics.