

21st May, 1955.

Dear Dr. Einarsson,

I have this morning read with the greatest pleasure your letter with Dr. Sigurgeirsson published in Nature on May 21st.

When he was in Cambridge, I had the pleasure of frequent discussions with Dr. Hospers on his results and plans for his expeditions to Iceland. It is, therefore, with great satisfaction that I see how thoroughly you have confirmed his conclusions as to the successive inversions of the earth's magnetic field, adding to his evidence the extensive and cogent observations of your own. The resistance felt to the acceptance of a theory of successive reversals seems largely to have been centred in a small group at the Carnegie Institute in Washington, who have shown the greatest ingenuity in devising every sort of alternative explanation of facts which from all sources have been becoming increasingly decisive.

It was in connection with the statistical examination of data of the kind obtainable by geophysicists that I was led to the mathematical investigation of the enclosed paper, which, as you see, leads to a tolerably expeditious method by which the

observations can be combined and summarized.

Yours sincerely,

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