

5th November 1964

Greetings Jennie:

Thank you for your letter of 30th October and the enclosure which arrived yesterday. The reprints of Reversed Bean Vines arrived on 27th October. Have you received any reprints entitled Hectometer Cosmic Static? If so, please send about 20 copies by sea mail.

Two Barogram forms are used each week. 500 forms will go farther than I can see ahead. They must be accurate reproductions, otherwise the calibration will change. Best to have them done by same people who print the Weather Bureau forms. Perhaps if you try the Bureau again you will hit a more responsive person. The Bureau at Honolulu freely gave me all the forms I could use without asking any questions.

Please send by sea the Mullard reprint about Sciana's Explanation.

Better information on the earth's magnetic field has come to hand. This has changed my ideas somewhat. Instead of Michigan, it seems that southwestern Wisconsin or northwestern Illinois might be more suitable. Please secure map indexes for these two states. Then order copies of all the maps on a scale of 1:250,000 between  $40^{\circ}$  and  $45^{\circ}$  latitude. About fifteen maps will be required at 50 cents each. Three (Racine, Manitowoc, Milwaukee) will probably duplicate those listed in my letter of 4th Sept. and should be deleted from second order. Also add Michigan maps Fort Wayne 1962 and Toledo 1956 to complete the coverage of lower Michigan. A few extra maps may be secured for free by bringing the order up to ten dollars and obtaining the 20 percent discount. I will leave this to you.

On 30th October I sent two samples of charcoal to Geochron Laboratories 24 Blackstone St., Cambridge 39, Mass. They are to make an analysis for age and send the bill for \$310 plus any extra material to you. I am writing all such work up and expect to have it published in the Proc. Royal Soc. of Tas. This will finish my archeology.

I've worked up all my last years beans results. A new and different variety was tried. It performed much the same as the others. Nothing new was learned. I've about decided to discontinue the beans in favor of some other plant, preferably a monocotyledon. Copies of my article in the Journal of Genetics will be sent to you promptly when they arrive here.

As the nights shorten the cosmic static data decreases rapidly. Nothing useful has been secured since the 22nd October. This change was expected but it is discouraging anyway. I'll write a preliminary account of my finding early in January. One more winter should extract everything possible from my present installation.

Mr Schauers letter of the 6th October was a disappointment. If he keeps putting it off, I'll be finished here before he arrives.

Best regards,

*Grote Reber*  
Grote Reber