

THE OHIO STATE UNIVERSITY

RADIO OBSERVATORY
DEPARTMENT OF ELECTRICAL ENGINEERING
2024 NEIL AVENUE
COLUMBUS 10, OHIO

February 14, 1963

received 23/2/63

Dr. Grote Reber
C.S.I.R.O.
Stowell Avenue
Hobart, Tasmania
Australia

Dear Grote:

Many thanks for yours of October 26th with the fine photo of your Wheaton dish. Also the reprint of your "Reversed Bean Vines".

Enclosed are some hog peanut seeds harvested from the vines you found during your visit. I would have left them in their pods but they are very sensitive to handling and tend to pop open with explosive force. When this happens the pod halves twist so that the long edges have a helical shape. The pods average about one inch or less in length. *Sample enclosed.*

I have often wondered how your low frequency measurements are going and whether the Gerenkov radiation from the high altitude test last July caused you much trouble. Our telescope is at last producing. I am just completing a map of M31 at 1400 Mc with contours that correspond well with the optical object but with some differences. The maximum antenna temperature of M31 at 1400 Mc is only about 0.3°K.

With all best wishes,

Sincerely,

John

John D. Kraus

JDK/cjr

Enclosure