

04
7th January, 1963.

Prof. Dr. H. Walter,
Botanisches Institut,
Stuttgart - Hohenheim,
W. GERMANY.

Dear Professor Walter,

Our H. Research Fellow in Radio Astronomy, Dr. Grote Reber, as a relaxation from his normal researches, enjoys doing unusual experiments with plants.

Some of the results he has obtained are described in the enclosed reprint "Reversed Bean Vines" and I may say that these results have been repeated here this year.

This kind of experiment is not botanically fashionable today but was done by the early classical plant physiologists during the late nineteenth century and in the first decade of the twentieth.

Strasburger lists the attached references in his section on twining plants but none of these is available in Tasmania, though we have hopes of obtaining some from Australian libraries.

We were hoping that you or your colleagues may recall references to such experiments and in addition if there is any more recent work on these topics or any record of species which have an optional direction of nutation or which segregate into populations with different directions.

Any advice or assistance would be greatly appreciated by us both.

With kindest regards to yourself and Dr. Walter and hopes that we may meet again.

Yours sincerely,

D. Martin,
Officer-in-Charge.

Schwendener (1881) Sitzungsber Berlin Akad.

Wertmann (1886) Botan, Ztg. 44.

Hell (1892) Heterogene Induktion, Leipzig.

14. (1901) Sitzungsber, niederrhein. Ges.

Hienburg (1911) Flora, 102.

Bernerkamp (1912) Rec. trav. bot. néerland 9.

Niehe (1915) Jahrb. wiss. Bot. 56.