"STOWELL". STOWELL AVENUE. HOBART. IAS.

Prof. T. A. Davis
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Dear Prof. Davis:
Recently I have examined your article in the Journal of Genetics and am greatly flattered by the comments upon my woric.

Since my letter of $17 / 10 / 62$ I have been giving some thought to the lengitwale affect related to Cocos mucifert. This may be common phancmences of plants with random diroctice of twine. Such plants are senticnod in a cursory may in the literature but nothing is known of their performance. It p male subject seem to be a soientiric pola. Some of the $111 y$ family apparently exhibit this characteristic, but I have not jet been able to secure spoedmens.

Last April I again visited Finders Island and secured apeoimens and seed of the bindweed. It may be a variety of luehlubecida. The plant may cover several hundred square foot with a mass of tangled twining stalks. The single root near the ocntar cess to go down may feet. The plant grows by branching stalks rather lice a tomato vine. The dominant direction of twining is clockwise. However frequently a stalk appears which tarns counterclockwise. The direction of twins is fixed at point of forieing as given stalk will maintain its direction of twining from one support to anotiar over a total langer of a dozen feet ar more. Tho number of counterolookise stalks varies from about $10 \%$ an young plants to $30 \% \mathrm{an}$ ald plants.

The vine is a perennial which apparently propagates by anele. Host wild specimens are in a vast tangle so it is pinto difficult to sort the seed into inspection of twine of stalks. However I now have a good supply of seed of uglenom direction of trine, Enclosed are 100 seeds. About 20 perount probably are from counterolockelse (right hand sorew thread) stalks. The fertility rate of this kind of vine is usually low. I will be pleased to have you plant the souls at your convenience. These seeds need only li" covering. The soil should bo ane third fine sand and of loose texture. Considerable ioistice is required to germinate the seed. Once the plant is established, very little water is required. the vine grows in arid places and supplies the local farmers with sem rather coarse green stook feed during drougths whom the grass turns yellow.

Presently I am starting similar tests here. It will be interesting to see what percentage new pines and stalks voluntarily turn comntemaieciorise. If mocesstul, I con supply seed for other places of different longitude. Forever, interested, capable and consienticus people will be required to look after the vines and report the results.

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