

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY.

(ROYAL COLLEGE OF SCIENCE.)

SOUTH KENSINGTON,

LONDON, S.W.7.

January 22nd, 1935.

Dear Professor Fisher,

I have compared the (mean) number of empty squares in my quadrats with the values calculated from the formula you suggest, and the result is very interesting. For low values of S , (the number of individuals per total area of 25 squares,) the agreement with the theoretical curve is good. For high values of S consistently more empty squares are found than would be expected from the theoretical formula. I take this to mean that when there are many individuals per unit area they tend to be grouped; when there are few they are distributed at random. I shall be glad to show you the complete results if you care to see them.

Is the correction for size of plant very complicated? If it is not I should very much like to know how it is done sometime.

With many thanks for your help,

yours sincerely,

Eric Aubrey