

Copy 1
"The Theory of Inbreeding" enclosed.
15th. October 1949.

My dear Kenneth,

The 10th. edition, 1946, is, I think, exhausted, and the 11th. edition corrections have been in Driver & Boyd's hands for some time, but I do not yet know whether it will be out this year. Perhaps they could let you know directly. The Design of Experiments is in the 5th. edition, 1949.

About scores, perhaps you have not noticed in Statistical Tables, 3rd. edition, 1946, Table XIV 1, scores for linkage data from intercrosses, with the corresponding section of the introduction, page 14. I later learned that Finney had computed something of very much the same kind independently, and, if I am not mistaken, some other tables of prospective use ^{to} for geneticists. In thinking of what was needed I fancy I satisfied myself that a good table of reciprocals would meet the need for ordinary single and double backcross material, but that the double intercross was so frequent, especially in plant data, that a fairly detailed table would be justified. There may, however, be other methods sufficiently frequently used to deserve special tabulation, and I am sure that ^{Yates} ~~you~~ would agree with me in wanting to supplement the start we made with Table XIV 1, when opportunity arises.

I was exceedingly glad to see your book with Darlington
out during the summer, and can now at last read you the theory
of Inbreeding, which I have been likewise expecting for a long
time. You will see that I have changed the emphasis greatly
from that traditional in this discussion, either from West and
Jones or from Sewall Wright. This has, as you will guess,
been quite deliberate.

Yours sincerely,