## THE GALTON LABORATORY

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J. BELL, M.A., F.R.C.P., Treasury of Human Inheritorics. M. N. KARN, M.A. Annals of Eugenics.

March 7, 1940

Dear Mather,

Thanks for letting me know of progress with the Lythrum seedlings. Faberge has managed to raise here large numbers of the other families, so we ought to have a good bedful.

On your greenhouse problem you do not tell me quite how the 5 F<sub>1</sub>'s are related to the 7 parents, i.e., which of such schemes as these

T	2	3	4	5	6
AB	AD	AC	AB	AB	AD
BC	AB	AD	AC	AC	AB
AC	BE	AE	AD	AD	BC
DE	CF	BF	BOLE	AE	CE
FG	CG	BG	FG	FG	FG

you have to do with. I don't think any of these fit the green-house particularly well. However, without putting the relationships to any particular use, you can certainly subdivide your 12 into 3 sub-committees of 4 each and grow blocks () and by, getting somewhat less precision between sub-committees than within them, i.e., 2 degrees of freedom out of 11 are partially confounded, though you cannot choose particularly worthless comparisons to suffer this fate.

Yours sincerely.