

2 July 1934.

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Dear Mather:

Thanks for your letter. I take it to be practically certain that in paratettix and apotettix, all the genes for polymorphism are in one small chromosome. I think also, contrary to Rabour's view, that in Acrydium arenosum the whole group is linked together, though in this case the linkage is so loose that the map length of the chromosome must be at least two or three hundred units. The point is one of considerable interest for the question of the mechanism by which such linkage situations are built up or broken down.

As relevant to that question, I am sending you a recent offprint of mine on the double stock problem, the best thing about which, is the diagram. Winge has told me since that he has confirmed my suggestion that the linkage is of variable intensity in different lines.

Yours sincerely,