

28th December 1928.

Dear Major Darwin,

I had not answered your last letter when Chapter III arrived with your comments. I am glad you think it is not out of place.

(49)

Let me take your numbered points ⁴⁹

(1) and (2) adopted with gratitude

(3) New loci must appear. I suppose chiefly by doubling whole chromosomes and later gradually specialising the functions of the duplicates. Sometimes by attachments of bits of chromosomes to the ends of others. I do ^{lost} think I can do anything with this though.

(4) I of course agree strongly about recessive mental defect. Those who do not must put up a case. What an achievement for a mutation to raise a feeble minded race up to normal mentality!

(5) I think if you listed the human defects for which there is strong evidence of single factor inheritance most of them would be dominants, for the evidence in the case of recessives is seldom very strong, hence my remark that albinism, which by analogy everyone would expect to be a simple recessive in man, is still a disputed case on the human evidence. If this seems clear, send it back and I will rewrite the sentence.*

(60)

(6) is a subtle point. I do not think it is so much the fault of the wording as of the idea; we have much experience of the relation

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[28 December 1928]

JWB.

Dear Major Downes,

I had not answered you last letter when that the answer will you consent.

I am glad you think it is not out of place.

Let me take your numbered points

(1) and (2) adopted with gratitude

(3) New law not appear. I suffer chiefly by doubling what I know as like gradually assimilating the function of the subjects. Sometimes by attachment of bits of observation to the ends of others. I do think I see the meaning with this change

(4) I of course agree strongly about nervous matter aspect. There also do not want part of a cell. What an achievement for a matter to gain a full sized one of its equal mobility!

(5) I think if you looked the same reports for what there is strong evidence of single point initiation in the same matter. If this were the case, and it looks as if it will fully merit the matter.

(6) is a subtle point, I do not think it is so much the fault of the writing as of the ideas; we have much experience of the matter

{ Lorenz, which } you dominant to { Gussard, which } yours
Mother

is the dominant to be united to the matter Mother - Double or to the matter Lorenz - Gussard?

The same which with this are
Gussard } not dominant to { Gussard
Mother } Double
Gussard } " " { Gussard
Mother } Double
Gussard } dominant to { Lorenz
Mother } Double

I have with the "mother"
you the preference, with the
"double" you the preference.

% of sides spotted

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2

14 13 12 11 10 9 8

number of larvae

