

N.B. *Dominula* data enclosed
placed in *Dominula* file.

TELEPHONE 47726.

1/10/46.

DEPARTMENT OF
ZOOLOGY AND COMPARATIVE ANATOMY,
UNIVERSITY MUSEUM, OXFORD.

Sept. - November 25th 1946.

My dear Ron.

I am sending you herewith the full *Dominula*
data for 1946. You will find enclosed:-

(1). A "triangle". As usual, recaptives entered within the
body of the triangle are included in the daily totals indicated
at the ends of the diagonals. A number of specimens were
recapt. more than once. These were entered within the triangle
on each occasion that they were captured. A list of such
instances is given on the back; from this the data concerned
can be obtained.

(2). A list giving the numbers of the 3 forms day by
day, to indicate any changes in proportion through the period
of work. These are, of course, totalled per day and for the
whole period. Naturally these are the new specimens only;
so that these totals do not agree with those on the triangle,
where recaptives are included. ✕

(3). The complete list of data (on sheets marked 1-3)
from which the 2 previous items can be compiled, & sexes
where known. (These were obtained both by myself and Carter:
that is, he and I both sexed all our captures).

✕ I forgot to add that I give the % of heterozygotes,

and gene-frequency % , for the total period and (for your convenience in comparison, though you have these data) the numbers and percentages throughout the whole period of work (up to 1928, and 1939-1946).

(4). A list showing the form of the few specimens not released each day. Rutherford has not given me these data for 3 occasions when he worked alone. I am writing to ask if he can recover them.

I hope you will find all this in a form which is reasonably clear and easy to follow.

You will notice that the frequency of the mutant gene is (very slightly) the lowest we have had since the marked original increase.

You will also see that it has been possible to get very large numbers this year; almost double the largest previous catch. This is due to two things. First that I had much efficient help, when before I have had to do almost the whole of the catching alone, in particular, Carter worked very hard and got immense catches per day. Secondly, the mixed lines are commoner this year than ever before. I frequently get in 2 hours more specimens than ~~about the same number~~ in some years I could have obtained by working all day.

Finally, let me repeat that I do hope,
my dear Ren, that you can stay with me for your
lecture here on November 15th. I now find I might
possibly have to go down to Somerset that week-end
(on the Saturday ^{afternoon}), as they have just informed me that
they can decorate my house there at that time. So
come as long before hand as you can; on the Wednesday
(or at least the Thursday) if you can manage it.

Yours ever,
H. S. G.

There are several letters from me awaiting you.