

21st. June 1948.

My dear Henry,

Thank you for your letter. I am exceedingly glad that you are not disappointed with the way the P. ioarus data have turned out.

You are quite right that I should not like to give standard errors for the comparisons. These would necessarily refer to internal consistency only, and, as you suggest, consistency with results obtained independently in other years is what is important.

On the internal evidence I have no doubt, though this is only an opinion, that the difference between the sexes would turn out to be significant, for the results I sent you follow a good many grouping trials, and the difference between 80% daily survival and 65% was quite forced on me by the data themselves.

Had I sought for closer agreement I should certainly have had to give a higher daily survival than 65% for the males in Areas I and III, and a lower one in Area II, but I would not like to say that this observed difference is statistically significant on internal evidence, though it ^{might} well prove to be so. I should greatly prefer to rely on the confirmation provided by a similar difference this year.

I suppose by guessing the sex of an insect not yet caught you could increase the proportion of females captured. If you did this deliberately and equally in all areas I do not think

that you would be misled as to the sex ratio, which in any case is changing rapidly during the catching season and must depend also on the activity and flying habits of the two sexes.

I hope you have good weather if you attempt it, for I suspect you work yourselves exceedingly hard in getting as much done as you have accomplished in the past.

Yours sincerely,