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Nov. 23, 1929

Prof. R. A. Brink,  
Madison, Wis.

Dear Sir :

In discussing the proposed revision of the mimeographed summary of linkage in maize, Professor Emerson suggested that I look after assembling the unpublished data that students of maize genetics might be willing to contribute. In a letter sent out with the summary prepared last winter, Professor Emerson wrote as follows:

"I hope that each of you, whether or not you attended the New York meeting, will send me such relevant data as you have not yet published, showing either linkage or independent inheritance. In so far as you have data ready for publication, I prefer to receive a copy of your manuscript, but shall be glad to have also records which you are not ready to publish, if you care to send them. I agree not to publish any such data without your consent and in any case to give proper credit. Any records sent, however, should be with the understanding that I am at liberty to use them in an early revision of the mimeographed sheets for distribution to other workers, pending the publication of the general linkage paper which I have been threatening to bring out for some years now.

I indicated at New York that the records were too incomplete to warrant publication now, a fact made strikingly obvious by the rainbows on the maps. The distribution of the data in mimeographed form should serve temporarily the needs of those actively studying maize genetics; and others can wait. The co-ordination of effort agreed to in New York should go far toward straightening out many of the question marks in the next year or two."

We should very much like to have these data available in the next few months, say by February 1 at the latest.

We are planning to make several minor improvements in the summary. We feel that it would be of considerable help to maize geneticists to have available a

summary of the known genetic factors in maize including those of which there is no published account. The advantages of such a summary list are obvious. We are therefore asking whether you would be willing to send us a list of the mendelian factors on which you have not published, giving the following information:

1. Name and symbol of the factor.
2. Whether dominant or recessive.
3. A very brief description of the character including any known interaction with other factors.
4. Linkage relations if known or suspected.

Suggestions as to how the summary might be made more useful to corn geneticists will be greatly appreciated. We shall also appreciate your soliciting the cooperation of graduate students and others working on corn of whom we may not know.

Sincerely,

*G. W. Beadle*

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