

2. Chromosomal placement of new genes.

Utilizing chiefly the endosperm marked translocation technique, the chromosome placement of new genes is being continued, with about the efficiency predicted. But this year the seedling tests have been delayed so that only one-third of the 1953 season's tests have been completed. Since the 1953 newsletter, the following placements have been made.

<u>gene</u>	<u>source</u>	<u>chromosome</u>
zebra	4301	5
white	5183	9
w (albino)	6474	1
dwarf	x-ray	9
twisted	8631	10
twisted	8637	1
white	8896	6
w (albino)	7752	5
zebra	5183	10
zebra	4485	1
opaque-1		4
white	7366	2
orobanche-3		1
blue fluorescent-1		9L

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