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## Erratum

Correction in the previous paper "Chromosome mapping in barley by means of telotrisomic analysis", T. Tsuchiya and R.J. Singh (Theor Appl Genet 61: 201–208, 1982).

In our paper published in this journal Tsuchiya and Singh presented a figure (Fig. 1) for the theoretical segregation ratios in telotrisomic analysis. All of the segregation ratios in the separate 2x and 2x+1 telo portion for all genes, a, b, and c were correct. However, in calculating a total of 2x and 2x+1 telo, the figures in 2x portion was supposed to be doubled for B:b. Since the 2x portion was not doubled, the segregation ratio for B:b in total was not correct. However, segregation ratios for A:a and C:c were correct, since both allele pairs segregate 3:1 ratio (except in the 2x+1 telo portion for A:a). Also the total figures were not changed for A:a and C:c. If the 'Total' figures were eliminated, the Fig. 1 could be used as it is. Actually, as shown in Tables 2 through 5, all segregation data were calculated separately for 2x and 2x+1 telo portion in Tsuchiya and Singh (1982), so that interpretation of the results presented in the previous paper (TAG 61: 201–208) was correct.

However, because of the problem in calculating B:b segregation in 'Total' figure, the authors would like to replace Fig. 1 (p. 203, TAG 61, 1982) by the one shown below. The segregation ratios shown in this "corrected Fig. 1" are the same as the ratios in Fig. 1 in this paper "Acrotrisomic analysis in linkage mapping in barley".
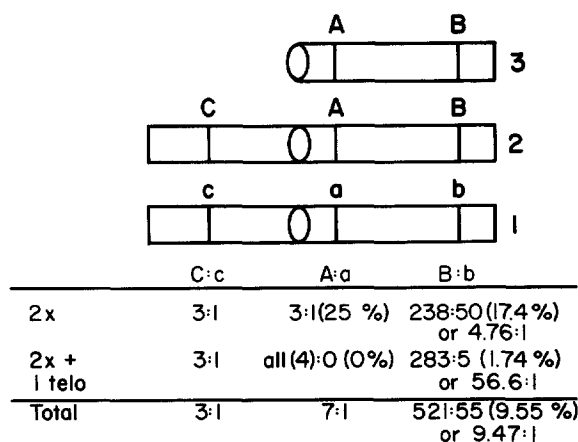


| | C:c | A:a | B:b |
|---|---|---|---|
| 2x | 3:1 | 3:1(25 %) | 238:50(17.4%) or 4.76:1 |
| 2x + 1 telo | 3:1 | all(4):0 (0%) | 283:5 (1.74 %) or 56.6:1 |
| Total | 3:1 | 7:1 | 521:55 (9.55 %) or 9.47:1 |

Fig. 1