



Erratum: A Chloroplast DNA Phylogeny of the Caryophyllales Based on Structural and Inverted Repeat Restriction Site Variation

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ERRATUM

STEPHEN R. DOWNIE and JEFFREY D. PALMER. 1994. A chloroplast DNA phylogeny of the Caryophyllales based on structural and inverted repeat restriction site variation. *Syst. Bot.* 19(2): 236-252.

In Figure 1 of our paper on Caryophyllales phylogeny we failed to show the correct arrangement of genes as they would appear on both DNA strands as a result of 6-kb inversions in the chloroplast genomes of *Atriplex hastata*, *Chenopodium murale*, and *Pereskia grandiflora* relative to *Nicotiana tabacum*. The correct arrangement of genes within this inverted region is presented in the revised Figure below.

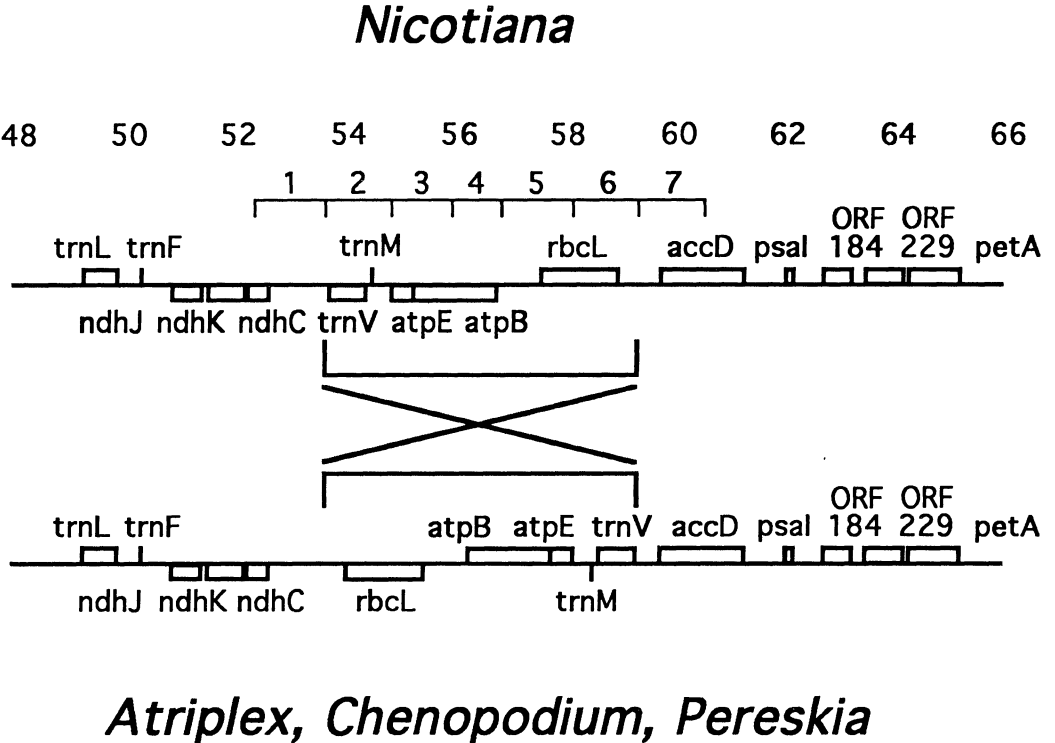


FIG. 1. Structural organization of a portion of the large single-copy region showing the location of 6-kb inversions in cpDNA's of *Atriplex hastata*, *Chenopodium murale*, and *Pereskia grandiflora* relative to *Nicotiana tabacum* cpDNA. The numbered square brackets indicate the seven *N. tabacum* cpDNA fragments used as hybridization probes to determine the presence of the inversion. Sequence coordinates in kb (scale on top) and gene locations for *N. tabacum* are modified from Shinozaki et al. (1986). Gene locations for *Atriplex*, *Chenopodium* and *Pereskia* are inferred from the hybridization results obtained using as probes the seven numbered *N. tabacum* fragments and also flanking fragments.

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