

عنوان مقاله:

Investigations on chromosome variation in *Achillea tenuifolia* Lam and *A. bieberestinii* Afan (Asteraceae) from Hamedan and Kermanshah in the West of Iran

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خلاصه مقاله:

Chromosome counting was performed in nine populations of *Achillea tenuifolia* Lam and eight populations of *A. bieberestinii* Afan (Asteraceae) collected from Hamedan and Kermanshah provinces in the west of Iran. Chromosome numbers in both species varied from $2n=2x=18$ to $2n=4x=36$. Some populations of both species showed ($2n=4x=36$) chromosome number that is the first report as polyploidy levels. Aneuploidy is also the first report for both species. Diploid and tetraploid individuals were observed in some populations at the same locality. B-chromosomes were observed in some populations of both species. The results indicated that polyploidy is a common future in this species similar to other Asteraceae plants

کلمات کلیدی:

Achillea bieberestinii, *A. tenuifolia*, Chromosome number, Polyploidy

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