

## **ASYNAPSIS IN *PENNISETUM TYPHOIDES***

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**ABSTRACT :** A single spikelet of a *Pennisetum typhoides* was showing asynapsis, while the rest of the spikelets were nonasynaptic. High frequency of univalents and reduced chiasma frequency per cell indicate a failure of chromosome pairing in exceptional spikelet. This reduction in chiasma frequency may be due to gene mutation which controls chromosome pairing at any level of development of spikelet.

**Key Words :** *Asynapsis, Pennisetum typhoides.*