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### An experimental evaluation of CNS depressant activity of root of *Flemingia strobilifera* (L.)W.T.Aiton

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**Background:** In Ayurveda, there is no plant which has no medicinal value & which cannot be utilized as medicine. Today many of such “golden treasures” lie in the dense green, yet to be discovered or practiced only by folklore practitioners which remains as a knowledge of only a few groups. *Flemingia strobilifera* is such a medicinal plant, indigenously used in epilepsy, hysteria, insomnia and to relieve pain. It is also reported that small portion of the root is useful in order to induce heavy sleep, even under great pain but there is lack of scientific validation regarding the use of this plant.

**Aim and objective:** To evaluate experimentally CNS depressant activity of *Flemingia strobilifera* in animal model.

**Materials and methods:** Root extract was evaluated for CNS depressant activity by OFB, SMA, and BDT experimental model.

**Statistical analysis:** One way ANOVA with Dunnett’s multiple ‘t’ test.

**Results and conclusion:** Root extract shows significant effects in CNS depressant activity.

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