



**EFFECTS OF *Capsicum frutescens* L. (SILING
LABUYO) ON THE SEXUAL BEHAVIOR OF
MALE *Rattus norvegicus* (ALBINO RATS)**

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ABSTRACT

Among the traditionally used sex enhancement natural remedies in the Philippines, *C. frutescens* is popular for its quick onset of action involving its chemical content, Capsaicin. However, its use has not been scientifically validated. Aphrodisiac activity of the test drug was evaluated in terms of exhibited sexual behavior. In order to assess the effect of *C. frutescens*, Mount latency (ML), Mount frequency (MF), Intromission latency (IL), Intromission frequency (IF), Ejaculation latency (EL), Ejaculation frequency (EF), and Post-ejaculatory interval (PEI) were carried out as the parameters. Sixteen male albino rats were divided into the following groups: T₀ being the control group and T₁, T₂, T₃ with different concentration of the test drug at 5%, 10% and 15%, respectively. The route of administration for all the groups was oral gavage, which was done once a day for 12 days. The mating behavior was analyzed with the help of the female rats and was observed for 30 minutes every four days. The administration of the extract resulted in significant increase in mount frequency, intromission frequency, ejaculation frequency and ejaculation latency. However, the mount latency, intromission latency, and post ejaculation interval were significantly decreased throughout the experimental period. The administration of the varying extract concentrations (5%, 10% and 15%) produced great effects in all the parameters which indicated that the extracts of *Capsicum frutescens* enhanced the sexual behavior of male albino rats.

Key words: erectile dysfunction, sexual impotence, aphrodisiac, capsaicin, ejaculation, mount latency, mount frequency



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