

# Review Article on Butterfly Pea and its Ethanopharmacological and Ethanomedicinal Use

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**Abstract:** Herbal medicine has grown over the past decades and gain popularity in developing and developed countries to cure chronic diseases or disorders. *C. PLURICAULIS*, an evergreen herb called *C. MICROPHYLLUS* Sieb. and *C. PROSTRATUS* FORSK. it is utilized as a conventional folk remedy for a range of illnesses. In this article, we used PubMed, SCIFINDER, and Google Scholar to conduct electronic searches to find information about *C. PLURICAULIS*. The plant profile, phytochemistry, neuropharmacological, and toxicological information of *C. PLURICAULIS* are clarified by this thorough review. Many different in-vitro and in-vivo neuropharmacological effects, including as a boost to memory, anxiolytic, and tranquilizing properties, have been demonstrated by the crude herb and its metabolites, anti-depressants, anti-stress, neurodegenerative, anti-inflammatory, anti-oxidant, analgesic, sedative, anti-convulsant and Alzheimer's disease-reversing effects. Secondary metabolites form *C. PLURICAULIS* interact with various proteins, NEUROSYNAPSES, SIGNALING pathways and serotonergic synapse which plays a crucial role in neurotransmission, Alzheimer's disease, long term depression, addictions to alcohol, cognitive disorders, psychological conditions and increasing serotonin concentration in synapses.

**Keywords:** Canscora Decussate, Clitoria Ternatea, Convolvulus Pluricaulis, Evolvulus Alsenoides, Shankhapushpi

