

**REPRODUCTIVE PHENOLOGY OF *AEGICERAS CORNICULATUM* (L) BLANCO- A
MANGROVE SPECIES IN THE GULF OF KACHCHH, GUJARAT, INDIA**

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ABSTRACT

The reproductive phenology of *A. corniculatum* (L) Blanco has not been examined comprehensively in the Gulf of Kachchh, Gujarat, India. The present work has examined the temporal and spatial variations in the reproductive phenology of this species in this area. Besides, the study also reports the reproductive vigour (inflorescence production per tree) and reproductive success of this species. The species remains in the reproductive phase throughout the year. The reproductive cycle initiates during September- October and terminates during September of the next calendar year. The reproductive phenology and reproductive vigour have shown temporal as well as spatial variations. The reproductive success has been found to be different at different locations.

KEYWORDS: Mangrove, *A. Corniculatum*, Reproductive Phenology, Vigour