

# ANATOMICAL STUDIES IN *LAGENARIA SICERARIA* (MOL.) STANDL INFECTED BY CUCUMBER GREEN MOTTLE MOSAIC VIRUS (CGMMV)

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**ABSTRACT :** The anatomy of *Lagenaria siceraria* plant infected by cucumber green mottle mosaic virus (CGMMV) was found to develop significant deviations. The most striking effect seen in the infected leaf was poor development of palisade tissue, disintegration of palisade cells with fewer chloroplasts in diseased leaves. In diseased stem the ratio of xylem and phloem was altered due to infection. The lumen of xylem vessels in diseased stem was more in comparison to healthy ones, although the thickness of xylem was less.

**Key Words :** Histopathology, bottlegourd, cucumber green mottle mosaic virus (CGMMV).