Abstract

The goal of this research is to establish the presence of meristematic tissue (buds) in the thorns of "tala" (Celtis ehrenbergiana). This species has been mentioned as having medicinal properties, and this tree has high ecological value since it protects the environment. Thorn samples have been processed by standard light microscope techniques. Only one of the two geminate thorns located at the apex of actively growing branches has two buds: one in the apical and the other in a lateral subapical position. It would be interesting to assay these portions which have numerous meristematic cells with division capacity using "in vitro" micropropagation technology.

Keywords

Anatomy, Celtis ehrenbergiana, Celtidaceae, conservation, medicinal plants, thorns.