Abstract

Although automated species identification for many reasons is not yet widely employed, efforts towards the development of automated species identification systems within the last decade is extremely encouraging; that such an approach has the potential to make valuable contribution towards reducing the burden of routine identification. In this work, we developed a system that uses binary numbers generated from the morphological characters of trees to uniquely identify all Nigerian tree species.

Reference

Automated Binary based Tree Species Identification

- Wu J. and Zhou Z. H. 2002 Face recognition with one training per person. Pattern Recognition Lett., vol. 23, pp 1711 –1719,

Index Terms

Computer Science
Pattern Recognition

Key words
Automated tree species identification
morphological
binary