Research Title   DNA fingerprinting of herb in Champi Sirindhorne Fresh

Water Swamp Forest

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Year   2009

Abstract

In this study, fifty medical herb with 29 families (tree, shrub, climber and herb) on natural trail, Champi Sirindhorne fresh water swamp forest were used as samples. The medical herb could be classified into 3 groups; antipyretic drug, antidyspeptic drug and nourishment. The amplified fragment length polymorphism (AFLP) and the software programs NTSYS version 2.0 were used to construct the genetic relationship. The result of DNA fingerprint from AFLP technique could be classified into a phylogenetic tree. The tree was divided into two groups. The first group consisted of 1 sample from *Getonia floribunda.* The second group consisted of 49 samples from all of herb in the research.