

STUDY ON BIODIVERSITY PLANTS OF FAMILY ZINGIBERACEAE IN PU HOAT NATURAL RESERVE, NGHE AN PROVINCE

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Summary

This paper presents some results of study on family Zingiberaceae in Pu Hoat Nature Reserve, Nghe An province. The study time was from 2/2017 to 3/2018. Total 59 species belonging to 12 genera of Zingiberaceae were collected and identified. 3 genera and 35 species of them recorded as new record species for flora of Pu Hoat (2013). The Zingiberaceae species were mainly distribution in under secondary forests (49 species), along streams (32 species), scrub (26 species) and primary forest (22 species). The number of useful plant species of the Zingiberaceae were categorized as follows: 50 species supply essential oil, 43 species as medicinal plants, 8 species for ornamental, 8 species for spice and 5 species for edible. The species of the Zingiberaceae in Pu Hoat are mainly comprised of the tropical element (62.71%), endemic element (33.90%) and temperate element (1.69%).

Keywords: *Diversity, natural reserve, Pu Hoat, zingiberaceae, Nghe An.*