
FLORISTICS IN DONG SON – KY THUONG NATURE RESERVE, QUANG NINH PROVINCE

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SUMMARY

The flora of Dong Son - Ky Thuong natural reserve, Quang Ninh province diverse in species composition, use, life form, and conservation value. The result of the research shows that 1246 species, 684 genera and 180 families of 5 vascular divisions are Lycopodiophyta, Equisetophyta, Polypodiophyta, Pinophyta, and Magnoliophyta. The result provides 01 newly recorded for the flora of Vietnam (*Aquilaria yunnanensis* S. C. Huang belonging to Thymelaeaceae family); 12 families, 67 genera and 218 newly recorded for the flora of Dong Son - Ky Thuong. Dong Son - Ky Thuong flora is diverse in use with 1899 uses and divided into 06 different groups, in which the group of medicinal plants and timber are dominating. Flora in the research area has 05 groups of life forms, in which Phanerophytes (Ph) are the group with the highest rate of 73.84%, it shows that the flora in Dong Son - Ky Thuong has tropical characteristics. The flora of Dong Son - Ky Thuong Nature Reserve also has high conservation value with 115 plant species are threatened at the national and international level, there are 53 species listed in Vietnam Red DataBook (2007), 45 species listed in the IUCN Red List (2019) and 14 species listed in Decree 32/2006 of Vietnamese government and 41 species listed in CITES.

Keywords: Conservation, Dong Son - Ky Thuong natural reserve, flora, plant diversity, use value.

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