

Rapid Inventory of Terrestrial Ferns and Lycopods in Center for Ecological Development and Recreation (Cedar), Impalutao, Impasug-Ong Bukidnon, Philippines

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Abstract : The study inventoried the species composition of terrestrial ferns and lycopods in Center for Ecological Development and Recreation (CEDAR) Impalutao, Impasug-ong, Bukidnon. Specifically, it aimed to determine and describe the species composition, and diagnostic characters of the ferns and lycopods in the study site. Transect walk method was employed in the inventory of the species. Each species were classified, identified and described according to its diagnostic characters. Results of the study revealed a total of 20 species of ferns and lycopods. Of these, 18 species were ferns and 2 species were lycopods. Eleven (11) families and fifteen (15) genera for ferns and one (1) family and one (1) genera for lycopods. *Psomiocarpa apifolia* is Philippine endemic and said to be vulnerable or threatened. Taxonomic characters based on habit, rhizome, leaf arrangement and orientation, stem structure and circinate vernation were used to identify the terrestrial pteridophytes into families, genera and species. The species collected and assessment in CEDAR should be further investigated and monitor their conservation status.

Keywords : alpha taxonomy, conservation, habit, taxonomic characters

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