
COMPOSITON OF THE BUTTERFLY (Lepidoptera, Rhopalocera) IN CAT BA NATIONAL PARK, HAI PHONG

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SUMMARY

The investigation on the diversity of butterfly fauna (Lepidoptera, Rhopalocera) was carried out in five line transects at six different habitat types in Cat Ba National park. A total of 201 butterfly species belonging to 132 genera and 10 families was identified and among these species, 12 species were added to the butterfly fauna of the national park. The proportions of butterfly species selected their habitat along elevation gradient (high to low) were present as follows: Permanent farming land (26.37%); Perennial fruit land (29.85%); Poor secondary evergreen rain forest on limestone mountains (43.28%); Bushes and trees regenerated on limestone mountains (45.27%); Bushes and trees regenerated on land mountains (49.25%); and Planting forest (59.70%). Distribution of butterflies was lowest at the south-eastern direction (10.95%) and highest at the north-eastern direction (78.11%). Butterflies were mainly distributed in the foothills (81.59%), whereas the lowest proportion was found in the hilltop (42.79%). Of these species collected, three species are listed as Vulnerable (VU) in the Vietnam Red Book, 2007 and seven species are listed as least concern (LC) in IUCN, 2017.

Keywords: Butterfly, Cat Ba National park, habitat.

Ngày nhận bài : 09/7/2018
Ngày phản biện : 06/11/2018
Ngày quyết định đăng : 14/11/2018