L’entomofauna del S.I.C. IT1110033
“Stazioni di Myricaria germanica”
(Insecta: Odonata; Orthoptera; Lepidoptera: Rhopalocera)

ABSTRACT - The insect fauna of the S.C.I IT1110033 “Stazioni di Myricaria germanica” (Piedmont, Italy) (Insecta: Odonata; Orthoptera; Lepidoptera: Rhopalocera).

This paper presents the results of a one-year monitoring project on insect fauna carried out in the SCI IT1110033 “Stazioni di Myricaria germanica”. Dragonflies, grasshoppers and butterflies were chosen as target taxa in this research, providing an overview of the diversity status of these groups in the study area. Overall, 15 dragonfly, 30 grasshopper and 51 butterfly species were found, enhancing and updating the information about the presence and the distribution of these insects in the SCI.

While dragonflies are strictly relied on small wetlands and ditches within the Pellice’s river ecosystem, grasshopper and butterfly diversity depends mainly on habitat heterogeneity. The relatively high quality of the river ecosystem, together with the extensive management of meadows, produce a number of habitats (e.g. dry grasslands, gravel beds, bushes, hay meadows, etc.) essential for hosting species with a wide range of ecological requirements. Therefore, the conservation of the river ecosystem quality and the maintenance of an extensive meadows management are critical measures to preserve the entomological diversity in the SCI.

KEY WORDS - Check-list, Odonata, Orthoptera, Lepidoptera, Val Pellice.