Scientific Program Abstracts

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Characterization of nest structure and foraging behavior of *Xylocopa iris* (Christ, 1791) (Hymenoptera: Apoidea: Apidae)

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The carpenter bees, genus Xylocopa Latreille, of the tribe Xylocopini, include about 450 species in the world. However only nine or ten *Xylopora* spp. are found in Turkey. Among them, *Xylocopa* (Copoxyla) *iris* (Christ, 1791) is one of the most common and abundant one distributed all around Anatolia. This species is primarily polyleptc and displays subsociality. Likewise other carpenter bees, members of *X. iris* also build their nests in dead, usually decayed wood and structural timbers. In this study, two new *X. iris* nests were discovered in Eskişehir and Ankara (Turkey). Nest architecture and material were described. Furthermore, to detect the foraging plants of the captured female bees, pollen loaves of the nests and plant vegetation of the surrounding areas were investigated.