ABSTRACT
In this study, phenologic properties of some natural orchid species that are used for obtaining sahlep in Bucak province, were determined. Data were collected from 26 stands where orchid species commonly distributed in Bucak. As result of field studies that were conducted between March and July in 2015, total 11 taxa were determined. Also, phenologic properties as first flowering period, petal leaf color, tuber maturation time and flowering periods were observed these 11 taxa. The first flowering species is Ophyrs mammosa (beginning of March) and also the last flowering species are Orchis purpurea (mid of April) and Orchis simia (mid of April). Ophyrs mammosa is the first full flowering species (mid of April) and the last one is Ophyrs rein subsp. leucotaenia (mid of June). The first maturing bump belongs to Ophyrs mammosa (end of April) and the last one to Himantoglossum comperianum (end of July). The stands where orchid species were density are lower closure, in opening forests, on steep rocky slopes and near agricultural areas. Productivity of flower and tuber are the highest on South and South-western aspects. Slopes of these stands varied between 5-40%. Orchid species were distributed between 300 and 1451 m. KEYWORDS: Orchidaceae, Sahlep, phenological characteristics, Burdur

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