

P-200**Ethnobotanical Survey of Medicinal Plants Used for the Treatment of Diabetes in Manisa (Turkey)**Cenk Durmuşkahya^{1,*} and Münir Öztürk²

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In this study, for the first time, medicinal plants are investigated which are traditionally using for treatment of diabetes mellitus in Manisa (Turkey). Market survey and ethnobotanical enquiry was performed in Manisa Province. Among this study, interview was made with 121 medicinal herb vendor and patient with diabetes. After questionnaire studies, plant specimens were collected from medicinal herb markets which are calling “aktar” or baharatçı”. During this project, 27 plant taxon belonging to 15 angiosperm family were identified as an anti-diabetic plant. Most important families were Rosaceae (5 taxa), Lamiaceae (3 taxa), Fabaceae (2 taxa) and Asteraceae (2 taxa). In conclusion, twenty seven medicinal plants species are used by the people of Manisa for traditionally treatment of diabetes. Most important anti-diabetic plants are, jujube (*Zizyphus jujube* Mill.), oregano (*Origanum onites* L.), mahaleb (*Ceracus mahaleb* L.) and fenugreek (*Trigonella foenum-graecum* L.). These plants should be studied for their active compounds responsible for the hypoglycemic activities.

Keywords: Ethnobotany, Medicinal Plants, Diabetes, Manisa, Turkey.
