

## **Abstract**

Good understanding of the factors influencing the distribution of *Amygdalus scoparia* can. Planning for restoring degraded habitats found it easier to. For the purposes of this study, after the field visit. And a preliminary study of Ebrahim Abad Nehbandan Groups of adult habitat on topographic maps 1: 50 000 was found. The map of elevation, slope and aspect produced and incorporated into the prepared Business unit Map. Every single thing in a systematic way - a random sample of 1,000 square Vbatvjh for geography biopsy device includes qualitative and quantitative traits, height, bounce. Collar diameter Qtvrtryn Search, canopy and well logs were reviewed, on certain intermediate revitalization of species examined in each plot, soil samples from depths of 0 to 30 cm supplying soil phosphorus, potassium, calcium, lime, organic matter and pH it was determined Regression model with the characteristics of soil and type of *Amygdalus scoparia* to show that the equation of calcium carbonate with a 70 percent change in plant height And Equation 50 percent change in number of searches clay plant canopy Vmadlh *Amygdalus scoparia* with calcium carbonate 77% of the variance Principal component analysis of soil characteristics for 9 to 53/35 percent indicated that the first axis, the second axis and the third axis of 32.18, 88.14, 17.13% and the fourth axis is the percentage change is justified Overall, four of the first, second, third and fourth on the 91.81% of the variance According to the results of the first axis correlation table variable *Amygdalus scoparia* clay species is justified And the second axis the most important factor in explaining the distribution Species *Amygdalus scoparia*. of potassium and organic matter. The third axis, sand, and lime acidity were most important in explaining the distribution of the *Amygdalus scoparia*.

**Keywords:** *Amygdalus scoparia*, soil chemical and physical properties, Nehbandan



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Habiates in Ebrehimabad region, Nehbandan**

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