

## Investigated Community Distribution and Soil Texture with Native *Nevilia* spp. in Taiwan

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### Abstract

The purpose of this study is to investigate the community distribution and soil texture of the *Nevilia* spp. According to the correlation literature, *Nevilia* has been discovered the tribal group and plant amount all small with *Nevilia* spp. And it also has been collected and investigated respectively in many places such as Miaoli, Taichung, Nantou, Zhanghua, Yunlin, Chiayi, Kaohsiung, Tainan, Pingtung, Taitung, Hualien county, It could often grow up in the suitable environment and mainly distribute in the elevation 300 to 1,300 meters mountainous areas the virgin forest of the south part in Taiwan. In addition, it could grow in the brook river valley side slope tree shade partner sees under the sunlight and gregarious. This investigation has discovered many new primary places of *Nevilia* such as the Chiayi Dapu of *N. plicata* 5 areas, Chiayi Siding of *N. aragoana* 7 areas, and Nantou Aowanda of *N. nipponica* 7 areas and so on. Takes advantage of this investigation may further understand *Nevilia* spp. in Taiwan. The soil texture which include Silty clay loam, Silty loam, Loam, Clay loam, Sandy loam etc. in each area are all disparity. The pH value is 4 to 7.8 and organic matter content is between 2.0%~22.0% that may provide as the future reference of the cultivation.

**Key words:** *Nevilia*, *N. plicata*, *N. aragoana*, *N. Nipponica*, tribal groups, soil texture

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