

Vegetative anatomy and micromorphology of *Neottia nidus-avis*

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Neottia nidus-avis, which is a saprophytic orchid, is generally distributed in shaded areas. It is usually represented by a single species and spread at north of Turkey. In our study, it was aimed to reveal the vegetative anatomy and micromorphology of *Neottia nidus-avis*.

The parts of the collected material were stored as herbarium sample, while other parts were preserved in alcohol as stock sample. During the definition of the species' anatomical features, the sections taken from roots, stems and leaves were analyzed using the Zeiss AxioLab A1 microscope and the Zeiss AxioCam 105 viewing system. The plant samples were mounted on stubs for scanning electron microscope by applying double-sided carbon tape. The mounted samples were coated with 12.5–15 nm gold–palladium (SEM coating system, SC7620). The analyses and scanning were performed on JEOL JMS-7001F Scanning Electron Microscope with a voltage of 5–15 kV.

The important characters in the anatomical examination of the root, stem and leaves are listed. In addition to the vegetative characteristics, micromorphological characters were determined.

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