

Morphological Characteristics and Distribution of Korean *Daphne* L.

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Daphne L. (Thymelaceae) comprises about 95 species distributing worldwide from N Africa, N India, SE Asia to E Asia and the coast of the Mediterranean of Europe. In Korea, five species of this genus have been described. In this study, we included four species (*D. genkwa*, *D. pseudomezereum*, *D. kiusiana*, *D. jejuensis*) from Korea, excluding cultivated *D. odora*. The morphological characters through local surveys and the re-classification of the specimens collected in the Korea National Herbarium (KH) were carried out and distribution maps for each taxon were also prepared. The major characters include habit, trichomes in winter bud, leaf, and twig, phyllotaxis, inflorescence, size of calyx lobe and trichomes in the calyx tube, etc. The distribution map showed that *D. genkwa* is mainly distributed in the coastal area of Hwanghaenam-do, Pyeongannam-do, Jeollabuk-do and Jeollanam-do, whereas *D. pseudomezereum* is distributed in the limestone zone of Gangwon-do, Jeollabuk-do, and Gyeongsangbuk-do. Similarly, *D. kiusiana* is mostly found in Jeollanam-do, Gyeongsangnam-do, and Jeju-do. In addition, *D. jejuensis* is known to be distributed in forests of Murueng, Andeok, and Seonheul-ri in Jeju-do, but recently, new habitat is discovered in the island forest areas of Jeollanam-do. However, some of these individuals showed the characteristics of *D. kiusiana*, thus before come to any conclusion detailed taxonomic review of *D. jejuensis* and *D. kiusiana* is required.

Key words: Thymelaceae, *Daphne* L., morphology, Korean distribution.

[본 연구는 국립수목원 ‘한반도 수목지 발간 연구(KNA1-1-18, 15-3)의 지원에 의해 이루어 졌습니다.]

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