



## *Clematis austroanatolica* (Ranunculaceae), an unusual new species from southern Anatolia, Turkey

JERZY ZIELIŃSKI<sup>1</sup> & KIT TAN<sup>2</sup>

<sup>1</sup>University of Life Sciences, Faculty of Forestry, Department of Forest Natural Foundations, Wojska Polskiego 71D, PL-60 625 Poznań, Poland

<sup>2</sup>Institute of Biology, University of Copenhagen, Øster Farimagsgade 2D, DK-1353 Copenhagen K, Denmark. E-mail: [kitt@bio.ku.dk](mailto:kitt@bio.ku.dk)

### Abstract

*Clematis austroanatolica* (Ranunculaceae) is illustrated and described as a new species endemic to southern Anatolia, Turkey. It is related to *C. vitalba* and differs from the latter in having leaves with narrowly ovate, dentate-serrate leaflets, trifoliolate lowermost pinnae as well as small, pale pink flowers with orange-brown filaments. A key to the Turkish taxa of *Clematis* is provided.

**Key words:** *Clematis*, endemic, identification key, new species, Turkey

### Introduction

A slender, suffruticose *Clematis* L. with small, pale pink flowers was found in October 1998 along a road margin in the Dim valley, northeast of the town of Alanya in southern Anatolia. It resembled *C. vitalba* L. (1753: 544) but was clearly not a hybrid taxon as its features were not those of any possible parental species in the area. It was presumed to be an unusual variant of *C. vitalba* and a voucher specimen was collected to document the presence of this species in the area. However, a later and more detailed study of both living and herbarium material of *C. vitalba* revealed that the plant growing near Alanya was distinct and cannot be referred to *C. vitalba* even when taking all that species' known variability into account. It is therefore described here as a new taxon.

### *Clematis austroanatolica* Ziel. & Kit Tan, *sp. nov.* — Figs. 1–3

*Planta perennis. Caules lignosi, ascendentes vel procumbentes, sulcati, pubescenti. Folia usque 13 cm longa, imparipinnata; pinnae supremae et mediae unifoliolatae, pinnae infimae saltem at foliis nonnullis ternatae. Foliola usque 3.5 cm longa, 1.5(–2) cm lata, anguste ovata vel lanceolato-ovata, apice acuta usque breve acuminata, basi integra, rotundata, aliquantum obliqua, utrinque laxe pilosa, ad marginem grosse crenato-serrata, interdum incisa. Inflorescentia axillaris, paniculata, pauciflora. Flores parvi, 14–16 mm diametro. Tepala 7–8 mm longa, 2–2.5 mm lata, oblongo-elliptica, obtusa, utrinque tomentosa, subrosea. Stamina glabra, externa stylos distincte superantia; filamenta staminorum aurantiaco-brunnea. Ovaria et styli dense sericei. Fructus maturus ignotus.*

**Type:**—TURKEY. Province Antalya: Dim valley, NE of Alanya, road margin, ca. 100 m, 2 October 1998, flowers pinkish, K. Browicz & J. Zieliński 63/98 (holotype KOR 40206).

*Stems* slender, climbing or procumbent, sulcate, remaining pubescent. *Leaves* opposite, imparipinnate, with (3–) 5 pinnae, up to 13 cm long on flowering stems. Uppermost and middle pinnae unifoliolate, the lowermost