APHANES

The characters and illustrations in Stace’s *New Flora* can be used to name *Aphanes* L. plants, but some notes may help.

i) *Aphanes australis* Rydb. is the name currently used for plants previously called *A. microcarpa* auct. or *A. inexpectata* W. Lippert.

ii) The segregates should be determined using both fruit and stipule characters. The stipule character is not reliable in vegetative material; stipule lobes should be examined only on stipules surrounding inflorescences.

iii) Intermediate plants do occur. Hence, if plants are intermediate, record them as “intermediate” and not simply as the aggregate. These intermediate plants are worth collecting.

iv) Two jizz characters may be useful in the field, but are variable and unreliable on their own (Walters 1949). *Aphanes arvensis* is generally stouter with shorter internodes, and is more vigorous. The calyx teeth can usually be seen (×10 lens) equal to or projecting beyond the stipule lobes. *Aphanes australis* is commonly a slender plant with long internodes. The stipule lobes exceed and cover the fruits, which can, however, sometimes be seen between the lobes.

iv) Material for determination should always include ripe fruit.