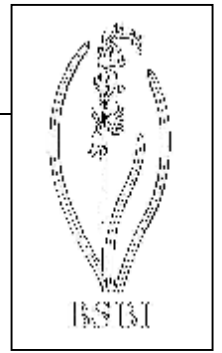


Plant Crib



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 ($\times 10$ 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.

Reference Walters, S. M. (1949). *Watsonia* **1**: 163-169.