



PLATE 1

*Nematoceras dienemum* leaves, flowers and habitat. a. leaves at Handspike, sheltered by *Stilbocarpa* in 2004. Orchid leaves are approximately 1.5–2 cm in length; b. leaves at Handspike, in the absence of *Stilbocarpa* protection, in 2007; c. mature seed capsules at Bauer Bay. Orchid leaves are approximately 1.5 cm in length; seed capsules extend 5 cm above surface vegetation; d. flower at Handspike; leaf is approximately 1.7 cm in length.

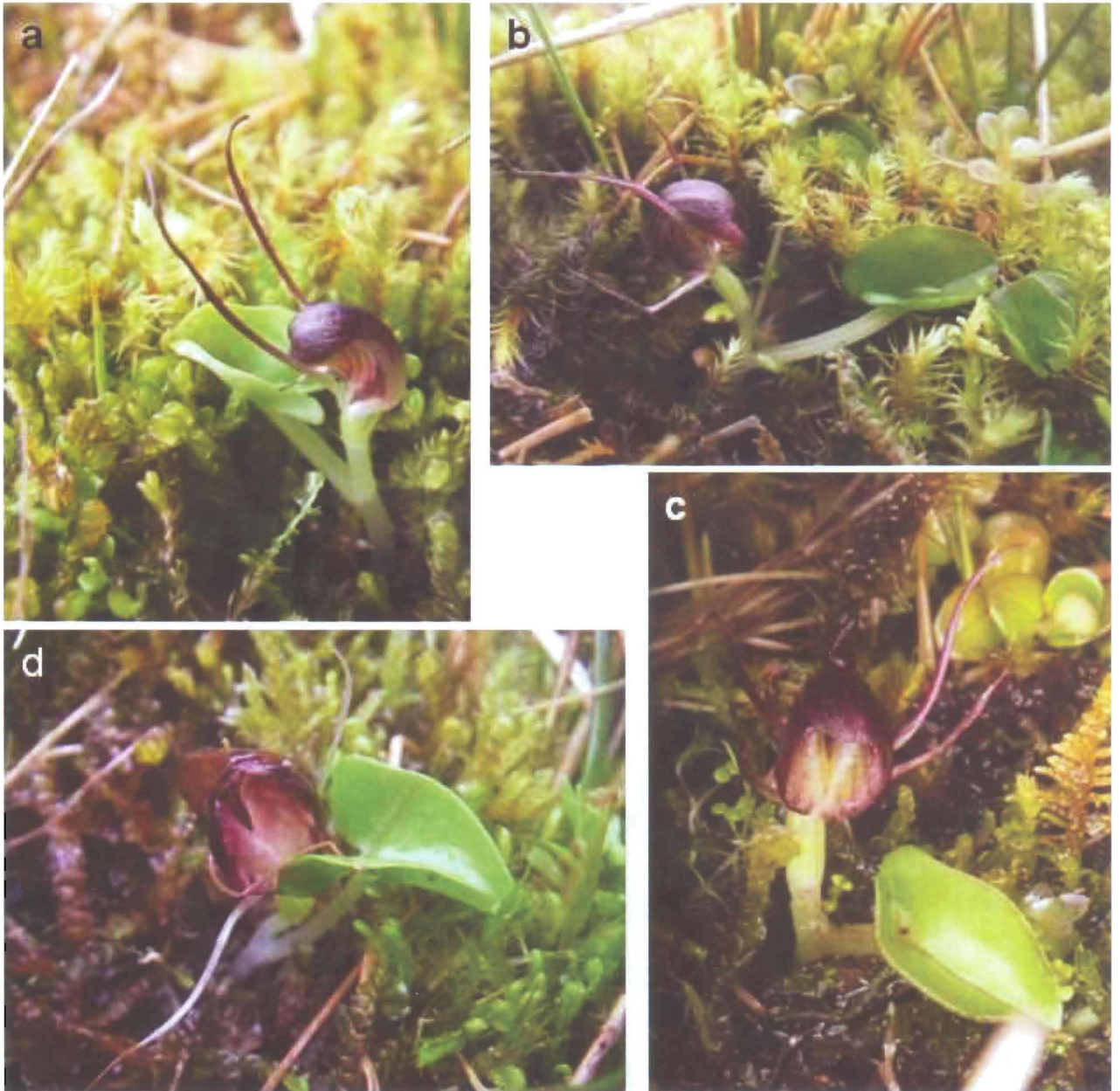


PLATE 2

*Nematoceras sulcatum* leaves, flower and habitat. a. flower in the Sawyer Creek valley; leaf is approximately 1.7 cm in length; b. leaves and flower in the Green Gorge North basin; leaf is approximately 1.8 cm in length; c. flower in the Green Gorge North basin; leaf is approximately 1.8 cm in length; d. flowering plant from Red River; leaf is approximately 1.8 cm in length.



PLATE 3

*A single plant of Nematoceras dienemum from Bauer Bay, observed daily, and showing progression of the flower from bud to mature seed capsule without the flower ever opening. a. Flower buds emerging; late September; b. flowers remained as buds for several weeks, never opening or extending; late October; c. immature capsule (foreground), and shrivelled failed flower (background); late November; d. maturing and extending capsule; mid-December; e. mature capsule; late December; f. split capsule shedding seeds (visible on leaf); late December. Leaf is approximately 1.7 cm in length; capsule is 1.2 cm in length on a 2.7 cm stalk.*



*PLATE 4*

*Leaves of Nematoceras dienemum at Bauer Bay showing white mosaic symptoms, possibly indicating infection with a plant virus. Affected leaves are approximately 1.2–2.3 cm in length.*