

veiny and rugose, short-hirsute as to the petioles and along the veins beneath, sometimes also on the upper face, and the margins ciliolate; sepals obtuse, ciliolate from the base to the middle; corolla about 8 lines long and 9 in breadth, deep blue, the paired petals broad-obovate, abruptly acutish, the odd one nearly equalling those next to it, of oblong-obovate outline, fully expanding; the apex almost truncate but cuspidately pointed in the middle.

Very abundant in woods and thickets along the bank of the Rideau River from Billings's Bridge to the C. P. Ry. bridge. Distributed from the herbarium of the Geological Survey as No. 18,770. Specimens of this species have also been received from Mr. J. M. Dickson, Hamilton, Ont.

VIOLA AFFINIS, Le Conte.

The specimens which are for the present doubtfully referred here were collected under over-hanging banks near the water's edge along the Rideau River above Billings's Bridge. The material collected was not sufficiently complete to allow of satisfactory determination of the species.

VIOLA POPULIFOLIA, Greene, Pittonia, vol. III, p. 337.

Plate III, Fig. 4.)

An acaulescent blue-flowered woodland violet akin to *V. cuspidata*, but smaller, the petioles of the early leaves densely villous-hirsute, the blade from broad-cordate in the very earliest and smallest to deltoid or deltoid-reniform in those accompanying the petaliferous flowers, notably broader than long, both surfaces but more conspicuously the lower, hirsute-pubescent, especially along the veins; corollas large, rather light blue, all the petals broad and obtuse, the odd one like the others but a little longer; sepals of the petaliferous flowers oblong, obtuse, hispidulous below especially the auricles; apetalous flowers of summer and autumn very short-peduncled and horizontal or partly buried, but the peduncles slender; sepals small, glabrous;