

The bog is located at latitude 46°7' N and longitude 61°14' W, about 8 miles south of Inverness on Cape Breton Island. The plants were in scattered locations from 2 to 200 feet apart, in open *Sphagnum* but never more than 2 feet from small Spruce or Tamarack. The cover included *Smilacina trifolia* in good bloom, *Vaccinium oxycoccos*, *Drosera rotundifolia* and *Ledum groenlandicum*. About 100 feet past the last *Listera* the character of the bog changed, becoming wetter and grassier with some *Calla palustris* in flower. About 300 feet in another direction from the first *Listera* were two plants of *Cypripedium acaule* in full bloom.

It appears that the elusive *Listera australis* is to be looked for, in Nova Scotia as in other parts of eastern Canada, among various small plants in open locations of *Sphagnum* bogs. Spots that are sheltered but not much shaded by larger heaths and conifers should be given special attention.

This seems to be the first recognition of the Southern Twayblade in Nova Scotia. Neither Donly (1963) nor Roland and Smith (1966) reported its presence there, and recent enquiries to the two herbaria at Ottawa (CAN and DAO) revealed no records or collections from that province. The species has been found in northern Maine (Correll 1950) and is now to be expected in New Brunswick and Prince Edward Island, and possibly in Newfoundland.

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## *Cyperus fuscus* L.

### New to Canada<sup>1</sup>

Among plant material sent in for identification to the Plant Research Institute, from T. R. Davidson, Canada Department of Agriculture, Vineland, Ontario, was a new record for Canada of a European species of sedge, *Cyperus fuscus* L. The collection was made on Sept. 20, 1970, at the edge of a pond, St. Johns Conservation Area, Pelham Township, Welland County, Ontario, Wm. L. Putnam No. 5.

*Cyperus fuscus* is a sedge native to central and southern Europe and Madeira; it is a rather distinctive annual having few rays, and spikelets 3-6 mm long. The scales are broadly ovate, obtuse, keeled, with reddish brown sides; the achenes are strongly trigonous and pale in color. The plant derives its name from the color of the scales. Fernald (1950) gave the range as, "Mass. to w. N.Y. and Va." Gleason (1952) indicated that it is rarely introduced at scattered stations in the eastern states. Boivin (1967) who has enumerated the Canadian species of vascular plants, does not list this species. The specimen has been deposited in the herbarium of the Plant Research Institute (DAO).

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