

species, maturing its greenish-brown or drab umbels in early summer, and a stouter plant of broader southern range maturing its ferruginous umbels in late summer or fall. The New England forms of these plants may be summarized as follows:

Culms stout (just below the involucre averaging 3 mm. in diameter): leaves 4.5 to 11 (average 6) mm. wide: involucre usually ferruginous at base: scales and bristles ferruginous.

Spikelets ovate to ovoid-oblong, 3.5 to 6 (average 4.5) mm. long.

Rays of umbel elongated, ascending or spreading: spikelets in glomerules of 3 or more (eastern Maine, southward and westward).

S. Eriophorum, var. *cyperinus*, Gray.

Rays of umbel short (6 cm. or less in length): glomerules in dense masses (eastern Maine and eastern Massachusetts).

S. Eriophorum, var. *condensatus*, Fernald.

Spikelets oblong, 7 to 10 mm. long:

Rays of umbel elongated and pendulous: glomerules with many spikelets (central Connecticut). *S. Eriophorum*, var. *Andrewsii*, Fernald.

Culms slender (averaging 1.5 mm. in diameter): leaves 2 to 5 (average 3.5) mm. wide: involucre black at base: scales greenish black: bristles drab or olive-brown, not ferruginous.

Rays of umbel slender and elongated, with drooping tips (from central Connecticut northward). *S. atrocinctus*, Fernald.

Rays of umbel short; inflorescence capitate or subcapitate (northeastern Massachusetts northward, mostly in the mountains).

S. atrocinctus, var. *brachypodus*, Fernald.

THE LOCAL FLORAS OF NEW ENGLAND.

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100. **Blood, Henry Ames.** TEMPLE FLORA. In his History of Temple, N. H. 1860, pp. 185-187. Annot. catalog. *phaenog.* and *vasc. cryptog.* H. C.
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101. **Osgood, Lydia Dinsmore.** FLORA OF HANCOCK. In Hayward, W. W. History of Hancock, N. H., 1764-1889. 1889, pp. 60-66. List. *phaenog.* and *vasc. cryptog.*

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(To be continued.)

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