

TRICHOSTEMA DICHOTOMUM L. var. LINEARE (Walt.) Pursh
Narrow-leaved Bluecurls

FAMILY: Labiatae (Lamiaceae)

SYNONYMS: *Trichostema lineare* Walt
Trichostema setaceum Houtt.

HABIT: Erect, branched, herbaceous perennial to 7 dm.; flowering August, September; fruiting September.

SIMILAR SPECIES: Because of the long-exserted, curled stamens, flowering individuals of this genus are not likely to be confused with any other Ohio mints. The var. *lineare* is very similar to the more frequent var. *dichotomum* and the two are separated by leaf characteristics. Var. *lineare* has linear leaves that are one-nerved. Var. *dichotomum* has lanceolate leaves that have lateral veins.

TOTAL RANGE: Atlantic coast and Gulf coastal plains from CT to FL and TX. Local inland to OH.

STATE RANGE (as of 2008): There are post-1980 records from Jackson and Pike counties. There are pre-1980 records from Adams and Gallia counties.

HABITAT: Dry upland or sandy woods, old fields.

HAZARDS: Overshading as forest canopy closes.

RECOVERY POTENTIAL: Unknown; presumed poor.

INVENTORY GUIDELINES: Collect complete, mature flowering material.

COMMENTS: Authors differs as to whether this plant should be a variety or a separate species. *T. setaceum* is the correct name of this taxon is considered a species (see Synonyms.) It is here treated as a variety pending further taxonomic research. The range of the typical variety encompasses that of the var. *lineare*. Cytological and hybridization studies are needed for final determination.

This plant could be more frequent in the state than current records indicate. It could easily be overlooked or confused with the typical variety. It should be sought throughout southern Ohio.

SELECTED REFERENCES:

Cooperrider, T.S. 1995. The Dicotyledoneae of Ohio. Part 2. Linaceae through Campanulaceae. Ohio State Univ. Press, Columbus, OH. 656 pp.

Sabo, R.F. 1965. The Labiateae of Ohio. M.A. Thesis. Kent State Univ., Kent, OH. 168 p.



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