

As of this writing, associations considered provisional (nonstandard) are not served on NatureServe Explorer. A “Provisional” classification unit is a candidate for acceptance in the International Ecological Classification Standard, but has not yet been comprehensively reviewed. This provisional association is a synonym for a community type in the Natural Communities of Virginia and the description is provided for user’s of that classification.

Data source: NatureServe. 2010. International Ecological Classification Standard: Terrestrial Ecological Classifications. NatureServe Central Databases. Arlington, VA. Data current as of March 10, 2010.

**CEGL006258—*CALTHA PALUSTRIS* - *IMPATIENS CAPENSIS* - *VIOLA CUCULLATA* HERBACEOUS VEGETATION
[PROVISIONAL]**

Yellow Marsh-marigold - Orange Jewelweed - Marsh Blue Violet Herbaceous Vegetation

Central Appalachian Woodland Seep

Classif. Resp.: East

ELEMENT CONCEPT

Summary: This community is a saturated, herbaceous, small-patch wetland occurring on relatively steep, usually gravelly or bouldery slopes at sites of groundwater discharge. The type is probably scattered in the northern Blue Ridge and parts of the Ridge and Valley province, in areas underlain by base-rich metamorphic, igneous, or sedimentary rocks. Occurrences are more common at, but not restricted to, elevations above 760 m (2500 feet) elevation. Habitats are typically narrow and partially or wholly shaded by tree species rooted in adjacent upland forests. A few occurrences encompass larger spring seeps that may have resulted from the clearing of forested seepage swamps. Vegetation is similar to the herbaceous component of forested seepage swamps but is usually more forb-rich. Characteristic species include *Caltha palustris*, *Impatiens capensis*, *Viola cucullata*, *Chelone glabra*, *Pilea pumila*, *Chrysosplenium americanum*, *Lycopus virginicus*, *Lycopus uniflorus*, *Packera aurea* (= *Senecio aureus*), *Veratrum viride*, *Laportea canadensis*, and *Carex gynandra*.

ELEMENT DESCRIPTION

Environment: This community occupies narrow, relatively steep, usually gravelly or bouldery spring seeps. Underlying bedrock includes base-rich metamorphic and igneous rocks such as Catoctin metabasalt (greenstone) and pyroxene-bearing granites, or calcareous sedimentary rocks. Occurrences are more common at, but not restricted to, elevations above 760 m (2500 feet) elevation. Habitats are typically narrow and partially or wholly shaded by tree species rooted in adjacent upland forests. A few occurrences encompass larger spring seeps that may have resulted from the clearing of forested seepage swamps.

Vegetation: Vegetation is similar to the herbaceous component of forested seepage swamps but is usually more forb-rich. Characteristic species include *Caltha palustris*, *Impatiens capensis*, *Viola cucullata*, *Chelone glabra*, *Pilea pumila*, *Chrysosplenium americanum*, *Lycopus virginicus*, *Lycopus uniflorus*, *Packera aurea* (= *Senecio aureus*), *Veratrum viride*, *Laportea canadensis*, and *Carex gynandra*.

Dynamics: No information available

Description Author: G. Fleming

Status: 3

Version: 9-Aug-2004

ELEMENT GLOBAL RANK & REASONS

GRank: GNR **GRank Review Date:** 7-Oct-2004

GReasons: Insufficient data are currently available to rank this community.

Ranking Author: G. Fleming **Version:** 9-Aug-2004

ELEMENT DISTRIBUTION

Range: This community type is probably scattered in the northern Blue Ridge and parts of the Ridge and Valley province, in areas underlain by base-rich metamorphic, igneous, or sedimentary rocks.