

## Federally Threatened and Endangered Plant Species (North Carolina): Survey Windows

Common Name	Scientific Name	Recommended Survey Window*
American chaffseed (E)	<i>Schwalbea americana</i>	May - August (1-2 months after fire)**
Blue Ridge goldenrod (T)	<i>Solidago spithamea</i>	July - September**
Bunched arrowhead (E)	<i>Sagittaria fasciculata</i>	mid May - July**
Canby's dropwort (E)	<i>Oxypolis canbyi</i>	mid July - September**
Cooley's meadowrue (E)	<i>Thalictrum cooleyi</i>	mid June - early July***
Dwarf-flowered heartleaf (T)	<i>Hexastylis naniflora</i>	March - May**
Golden sedge (E)	<i>Carex lutea</i>	mid April - mid June***
Green pitcher plant (E)	<i>Sarracenia oreophila</i>	late April - October**
Harperella (E)	<i>Ptilimnium nodosum</i>	July - early September (during low water)***
Heller's blazing star (T)	<i>Liatris helleri</i>	July - September**
Michaux's sumac (E)	<i>Rhus michauxii</i>	May - October***
Mountain golden heather (T)	<i>Hudsonia montana</i>	late May - early June**
Mountain sweet pitcher plant (E)	<i>Sarracenia rubra ssp. jonesii</i>	April - October**
Pondberry (E)	<i>Lindera melissifolia</i>	February - March (Flowering)/ September - October (Fruits)**
Roan mountain bluet (E)	<i>Hedyotis purpurea var. montana</i>	June - July**
Rock gnome lichen (E)	<i>Gymnoderma lineare</i>	Year round**
Rough-leaf loosestrife (E)	<i>Lysimachia asperulifolia</i>	mid May - September***
Schweintz's sunflower (E)	<i>Helianthus schweintzii</i>	late August - October***
Seabeach amaranth (T)	<i>Amaranthus pumilus</i>	July - October (or before 1st tropical storm that causes overwash)***
Sensitive joint-vetch (T)	<i>Aeschynomene virginica</i>	July - October***
Small-anthered bittercress (E)	<i>Cardamine micranthera</i>	April - May***
Small whorled pogonia (T)	<i>Isotria medeoloides</i>	mid May - early July***
Smooth coneflower (E)	<i>Echinacea laevigata</i>	late May - October***
Spreading avens (E)	<i>Geum radiatum</i>	June - September**
Swamp pink (T)	<i>Helonias bullata</i>	April - May**
Virginia spiraea (T)	<i>Spiraea virginiana</i>	May - early July***
White irisette (E)	<i>Sisyrinchium dichotomum</i>	late May - July**

\* USFWS - Optimal Survey Windows for North Carolina's Federally Threatened, Endangered and At Risk Plants, dated **November 30, 2018**.

\*\* Species survey remains valid for 5 years unless any of following occur in which case survey is valid for 2 years: 1) Suitable habitat likely to develop, 2) NCNHP shows population within 1 mile of project area, 3) Project plans are altered and encompass additional habitat.

\*\*\* Species survey is valid for approximately 2 years.

Species surveys not required for species listed as Historic on USFWS county list. ([https://www.fws.gov/raleigh/species/cntylist/nc\\_counties.html](https://www.fws.gov/raleigh/species/cntylist/nc_counties.html)).

E = Endangered; T = Threatened

Recommended Survey Windows Approved By: USFWS (Raleigh Field Office) on March 18, 2019; and USFWS (Asheville Field Office) on March 22, 2019.