

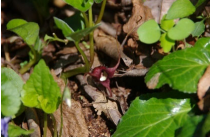




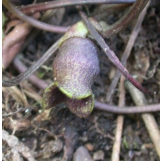




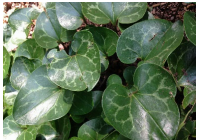


<i>Latin Name</i>	Common Name	Calyx length/Color	Calyx lips/lobes	Leaves	Geographic location	Evergreen/deciduous	Bloom date	Habitat	Pictures	Data source: Weakley 2022
<i>Asarum canadense</i>	Common Wild Ginger	calyx is less than 4-10mm long	flared and pointed, not fully fused; lobes are maroon, over 10 mm (2/5-inch) long and spreading	thin, bright green, widely rounded, entire, with a cordate base, about 4 inches wide and long, on petioles also several inches long	the mountains and the piedmont primary, with 2 counties on the coast	Deciduous	April–May	Rich deciduous forests in circumneutral soils.	 Tom Harville Photographer	 Tom Harville Photographer
<i>Asarum acuminatum</i>	Acuminate Wild Ginger	Calyx tube 10-20 mm long 15-35 mm long	calyx lobes long-caudate, initially erect to ascending, spreading at full anthesis (but with tips curving forward), and ascending/erect		Found in the foothills and mountains. Rare piedmont, distribution unclear	Deciduous	April–May	Rich deciduous forests	 Mark Rose Photographer	
<i>Asarum reflexum</i>	Reflexed Wild Ginger		Calyx lobes 5-10 (-12) mm long, strongly reflexed, often more-or-less appressed back against the calyx tube		Primary in the piedmont, rare in the mountains	Deciduous	April–May	Rich deciduous forests in circumneutral soils	 Mark Rose Photographer	 Mark Rose Photographer
<i>Hexastylis arifolia</i>	Little Brown Jugs	13–18 mm brown	not flared, tube smooth internally	triangular, mottled	Mountains, piedmont, coastal plain	Evergreen	March–May	ultramafic outcrop barrens, calcareous forests. A Southern Appalachian endemic	 Tom Harville Photographer	 Tom Harville Photographer
<i>Hexastylis contracta</i>	Mountain Heartleaf	thick and fleshy, brown, and nearly 1 inch long and half as wide. Each is flask-shaped, widest slightly below the middle, then narrowing somewhat before widening toward the tip	calyx lobes flare out somewhat	leaves have "ears", lightly variegated	Common to the Tennessee plateau, and in mountains of NC, but rare	Evergreen	March–June	On acidic soils in deciduous forests with <i>Kalmia latifolia</i> and <i>Rhododendron maximum</i>	 Tom Harville Photographer	 Tom Harville Photographer
<i>Hexastylis heterophylla</i>	Variable-leaf Heartleaf	7–14mm calyx tube is cylinder shaped.	lobes 8–12 mm wide, moderately spreading to reflexed	usually solid green, can be variegated	Mountains, piedmont	Evergreen	March–late May	usually associated with <i>Kalmia latifolia</i>	 Tom Harville, Photographer	 Tom Harville, Photographer
<i>Hexastylis lewisii</i>	Lewis's heartleaf	Flowers large 1 inch long and nearly as wide, light brown, urn-shaped to cylindrical. Whitish hairs in the calyx tube.	triangular lobes that are strongly covered in white hairs.	typically variegated	Eastern piedmont and coastal plain, pocosin habitats	Evergreen	April–May	Upland forests (pine or oak), pocosin ecotones	 Sheliah Lombardo Photographer	 Sheliah Lombardo Photographer

<i>Hexastylis naniflora</i>	Dwarf-flower Heartleaf	4–8 mm	white calyx lobes	typically variegated, leaves rounded with cordate base	Caldwell County	Evergreen	March–June	In mesic to dry, acidic, sandy loam on bluffs, ravines, slopes, and ridges in deciduous forests, frequently associated with <i>Kalmia latifolia</i>		
									Lisa Gould Photographer	Lisa Gould Photographer
<i>Hexastylis minor</i>	Little Heartleaf	12–25mm maroon throat	very flared	strongly variegated	Piedmont, low mountains	Evergreen	February–May	Upland or moist forests		
									Jean Woods Photographer	Will Stuart Photographer
<i>Hexastylis rhombiformis</i>	French Broad Heartleaf	broad vase-shaped tube about 1 inch long and about 2/3's as wide as long. Widest just below the middle, narrower somewhat toward the tip	has noticeable ridges on the inside of the calyx	thick, shiny, dark green leaves with or without some pale veining pattern on the top of the leaves.	Henderson, Polk, Buncombe, Transylvania counties	Evergreen	March–June	In deciduous forests on sandy river bluffs or in ravines with <i>Kalmia latifolia</i> and <i>Rhododendron maximum</i>		
									Jim Polling Photographer	Penny Longhurst Photographer
<i>Hexastylis roseii</i>	Rose's Heartleaf	calyx tube covered in white hairs	cream to pale-yellow calyx lobes with white hairs; lobes are spread out horizontally	The leaves are larger than other heartleaves, unmottled bright to dark green, and with a long petiole up to 7–8 inches long; the leaves have scalloped edges and a very	Cadwell County	Evergreen	June	acidic soil of slopes under or very near Rosebay Rhododendron (<i>Rhododendron maximum</i>)		
									Tom Harville Photographer	Tom Harville Photographer
<i>Hexastylis ruthii</i>	Appalachian Little Brown Jug	calyx gradually contracted to a smooth waist just below the calyx lobes; calyx tube smooth internally	erect and short (2–4 mm long, 2–4 mm wide at base) calyx lobes, mouth of the calyx more open.	leaves usually prominently variegated, leaves averaging longer than wide	Mountains	Evergreen	March–June	upland acidic forests, ultramafic outcrop barrens, calcareous forests.		
									Tom Harville Photographer	Tom Harville Photographer