

ROs12 Southern Bedrock Outcrop Pollinator Resources

Dry, open lichen-dominated plant communities on areas of exposed bedrock. Woody vegetation is sparse, and vascular plants are restricted to crevices, shallow soil deposits, and rainwater pools.

Examples of insect pollinators (and their associated host plants in parentheses) that use ROs12 include:

Bees:

Andrena brevipalpis (*Rhus*)

Heriades variolosus (Asteraceae)

Colletes brevicornis (Campanula)

Butterflies:

Hesperia ottoe (*Andropogon gerardii*)

Euphyes conspicua (*Carex*)

Tharsalea hyllus (*Polygonum*)

Moths:

Epiblema strenuana (*Ambrosia artemisiifolia*)

Caloptilia rhoifoliella (*Rhus glabra*)

Chlorochlamys chloroleucaria (*Achillea millefolium*)

Hypercompe scribonia (*Rubus allegheniensis*)



Andrena brevipalpis uses *Rhus* (sumac) species as a host plant. Photo: Michael Veit

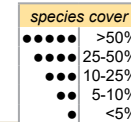


Hypercompe scribonia (giant leopard moth) uses *Rubus allegheniensis* (Allegheny blackberry) as a host plant. Photo: Bob Dunlap

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Pollinator Resources Table

ROs12 Class Factsheet. Based on 28 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Common ragweed (<i>Ambrosia artemisiifolia</i>)	93	●	SC	Annual	Absent	wind	Generalist	0
Rock spikemoss (<i>Selaginella rupestris</i>)	89	●●●	SC	Perennial	Present	wind, water	Generalist	0
Prairie wild onion (<i>Allium stellatum</i>)	75	●	SC	Perennial	Present	insects	Generalist	2
Bluets (<i>Hedyotis longifolia</i>)	64	●	Distylous	Perennial	Absent	insects	Somewhat specific insect	6
Small-flowered fumeflower (<i>Talinum parviflorum</i>)	61	●	SC	Perennial	Absent	insects	Generalist	3
Mock pennyroyal (<i>Hedeoma hispidum</i>)	57	●	SC	Annual	Absent	insects	Somewhat specific insect	5
Western androsace (<i>Androsace occidentalis</i>)	54	●	UNK	Annual	Absent	insects	Early spring insect	6
Brittle prickly pear (<i>Opuntia fragilis</i>)	39	●	SI	Perennial	Present	insects	Generalist	4
Field chickweed (<i>Cerastium arvense</i>)	36	●	GD	Perennial	Weakly	insects	Generalist	4
Gray goldenrod (<i>Solidago nemoralis</i>)	29	●	SI	Perennial	Present	insects	Generalist	4
Slender knotweed (<i>Polygonum tenue</i>)	29	●	UNK	Annual	Absent	insects	Generalist	5
Rusty woodsia (<i>Woodsia ilvensis</i>)	25	●	SC	Perennial	Present	wind, water	Generalist	0
Bastard toadflax (<i>Comandra umbellata</i>)	21	●	SC	Perennial	Present	insects	Early spring insect	3
Yarrow (<i>Achillea millefolium</i>)	21	●	SI	Perennial	Present	insects	Generalist	4
Red sorrel (<i>Rumex acetosella</i>)	21	●	D	Perennial	Absent	wind	Generalist	0
Sleepy catchfly (<i>Silene antirrhina</i>)	18	●	SC	Annual	Absent	insects	Somewhat specific insect	5
Arrow-leaved violet (<i>Viola sagittata</i>)	18	●	CL flowers	Perennial	Present	insects	Early spring insect	4
Harebell (<i>Campanula rotundifolia</i>)	14	●	± SI	Perennial	Present	insects	Generalist	4
Tall wormwood (<i>Artemisia campestris</i>)	14	●	GM	Perennial	Absent	wind	Generalist	0
Pursh's plantain (<i>Plantago patagonica</i>)	14	●	CL flowers	Annual	Absent	wind	Generalist	0
Green-flowered peppergrass (<i>Lepidium densiflorum</i>)	14	●	SC	Annual	Absent	insects	Early spring insect	5
Nodding chickweed (<i>Cerastium nutans</i>)	11	●	SI	Annual	Absent	insects	Early spring insect	7
Pale corydalis (<i>Corydalis sempervirens</i>)	11	●	SC	Biennial	Absent	insects	Early spring insect, Somewhat specific insect	5
Yellow whitlow grass (<i>Draba nemorosa</i>)	11	●	SC	Annual	Absent	insects	Generalist	4
Daisy fleabane (<i>Erigeron strigosus</i>)	11	●	A	Annual, bi-	Present	insects	Generalist	4
Northern bedstraw (<i>Galium boreale</i>)	11	●	SI	Perennial	Present	insects	Generalist	4
Round-headed bush clover (<i>Lespedeza capitata</i>)	11	●	SC	Perennial	Absent	insects	Somewhat specific insect	4
Hoary frostweed (<i>Helianthemum bicknellii</i>)	11	●	CH and CL	Perennial	Present	insects	Generalist	3
Grasses and Sedges								
Hairy panic grass (<i>Panicum lanuginosum</i>)	57	●	UNK	Perennial	Absent	wind	Generalist	0
Poverty grass (<i>Danthonia spicata</i>)	54	●	SC/si	Perennial	Absent	wind	Generalist	0
Short sedge (<i>Carex brevior</i>)	46	●	UNK	Perennial	Present	wind	Generalist	0
Big bluestem (<i>Andropogon gerardii</i>)	46	●	SI	Perennial	Present	wind	Generalist	0
Junegrass (<i>Koeleria pyramidata</i>)	32	●	SI	Perennial	Absent	wind	Generalist	0
Bicknell's sedge (<i>Carex bicknellii</i>)	29	●	UNK	Perennial	Present	wind	Generalist	0
Twin bentgrass (<i>Agrostis hyemalis</i>)	29	●	SI	Perennial	Absent	wind	Generalist	0
Prairie dropseed (<i>Sporobolus heterolepis</i>)	21	●●	SC	Perennial	Absent	wind	Generalist	0

Indian grass (<i>Sorghastrum nutans</i>)	14	●●	SI	Perennial	Present	wind	Generalist	0
Spike rush sedge (<i>Carex stenophylla</i>)	14	●	UNK	Perennial	Present	wind	Generalist	0
Hairy grama (<i>Bouteloua hirsuta</i>)	11	●●	A	Perennial	Present	wind	Generalist	0
Scribner's panic grass (<i>Panicum oligosanthes</i>)	11	●	UNK	Perennial	Absent	wind	Generalist	0
Low Shrubs								
Tall blackberries (<i>Rubus allegheniensis</i> and similar <i>Rubus</i> spp.)	18	●	Varies	Perennial	Present	insects	Generalist	Varies
Red raspberry (<i>Rubus idaeus</i>)	11	●●	SC	Perennial	Present	insects	Generalist	2
Shrubs								
Smooth sumac (<i>Rhus glabra</i>)	39	●●	PD	Perennial	Present	insects	Generalist	4
Tree Seedlings or Saplings (< 6ft)								
Bur oak (<i>Quercus macrocarpa</i>)	14	●	SI	Perennial	Present	wind	Generalist	0
Eastern red cedar (<i>Juniperus virginiana</i>)	14	●	D	Perennial	Absent	wind	Generalist	0
Northern red oak (<i>Quercus rubra</i>)	14	●	SI	Perennial	Present	wind	Generalist	0