

## UPs13 Southern Dry Prairie Pollinator Resources

Grass-dominated herbaceous communities on level to steeply sloping sites with droughty soils. Moderate growing-season moisture deficits occur most years, and severe moisture deficits are frequent, especially during periodic regional droughts. Historically, fires probably occurred every few years.

**Examples of insect pollinators (and their associated host plants in parentheses) that use UPs13 include:**

**Bees:**

*Xenoglossa albata* (*Dalea purpurea*)

*Colletes mandibularis* (*Amorpha canescens*)

*Colletes solidaginis* (*Solidago*)

**Butterflies:**

*Atrytonopsis hianna* (*Schizachyrium scoparium*)

*Hesperia dacotae* (*Bouteloua curtipendula*)

*Danaus plexippus* (*Asclepias*)

*Chlosyne gorgone* (*Helianthus*)

**Moths:**

*Trichordestra legitima* (*Schizachyrium scoparium*)

*Anicla tenuescens* (*Sporobolus heterolepis*)

*Cycnia collaris* (*Asclepias verticillate*)



*Colletes solidaginis* (goldenrod cellophane bee) uses *Solidago* (goldenrod) species as a host plant.  
Photo: Michael Veit

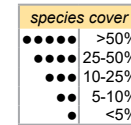


*Atrytonopsis hianna* (dusted skipper) uses *Schizachyrium scoparium* (little bluestem) as a host plant.  
Photo: Bob Dunlap

# UPs13 Southern Dry Prairie

## Pollinator Resources Table

UPs13 Class Factsheet. Based on 219 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Purple prairie clover ( <i>Dalea purpurea</i> )	72	●	SC	Perennial	Present	insects	Generalist	2
Gray goldenrod ( <i>Solidago nemoralis</i> )	61	●	SI	Perennial	Present	insects	Generalist	4
Silky aster ( <i>Aster sericeus</i> )	61	●	SI	Perennial	Present	insects	Generalist	4
Heath aster ( <i>Aster ericoides</i> )	60	●●	SI	Perennial	Present	insects	Generalist	4
Stiff goldenrod ( <i>Solidago rigida</i> )	53	●	SI	Perennial	Present	insects	Generalist	4
Long-headed thimbleweed ( <i>Anemone cylindrica</i> )	53	●	SC	Perennial	Present	insects	Generalist	2
Bearded birdfoot violet ( <i>Viola pedatifida</i> )	47	●	CL flowers	Perennial	Present	insects	Early spring insect	4
Rough blazing star ( <i>Liatris aspera</i> )	45	●	SI	Perennial	Present	insects	Generalist	4
Daisy fleabane ( <i>Erigeron strigosus</i> )	43	●	A	Annual, bi-	Present	insects	Generalist	4
Pasque-flower ( <i>Anemone patens</i> )	42	●	SC	Perennial	Present	insects	Generalist	2
Stiff sunflower ( <i>Helianthus pauciflorus</i> )	41	●●	SI	Perennial	Present	insects	Generalist	4
Narrow-leaved purple coneflower ( <i>Echinacea pallida</i> )	40	●	SI	Perennial	Absent	insects	Generalist	5
Tall cinquefoil ( <i>Potentilla arguta</i> )	40	●	A	Perennial	Present	insects	Generalist	2
Bastard toad-flax ( <i>Comandra umbellata</i> )	37	●	SC	Perennial	Present	insects	Early spring insect	3
Prairie turnip ( <i>Pediomelum esculentum</i> )	37	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Prairie wild onion ( <i>Allium stellatum</i> )	36	●	SC	Perennial	Present	insects	Generalist	2
Dotted blazing star ( <i>Liatris punctata</i> )	34	●	SI	Perennial	Present	insects	Generalist	4
Hoary puccoon ( <i>Lithospermum canescens</i> )	32	●	H	Perennial	Absent	insects	Somewhat specific insect	6
Aromatic aster ( <i>Aster oblongifolius</i> )	30	●	SI	Perennial	Present	insects	Generalist	4
Virginia ground cherry ( <i>Physalis virginiana</i> )	30	●	SI	Perennial	Present	insects	Buzz pollination	6
Flodman's thistle ( <i>Cirsium flodmanii</i> )	29	●	GD	Perennial	Weakly	insects	Generalist	4
Bird's foot coreopsis ( <i>Coreopsis palmata</i> )	28	●●	SI	Perennial	Present	insects	Generalist	4
Grooved yellow flax ( <i>Linum sulcatum</i> )	28	●	SC	Annual	Absent	insects	Generalist	4
Western ragweed ( <i>Ambrosia psilostachya</i> )	26	●●	UNK	Perennial	Present	wind	Generalist	0
Canada goldenrod ( <i>Solidago canadensis</i> )	25	●	SI	Perennial	Present	insects	Generalist	4
Heart-leaved alexanders ( <i>Zizia aptera</i> )	25	●	SC	Perennial	Absent	insects	Generalist	3
Wild bergamot ( <i>Monarda fistulosa</i> )	25	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Harebell ( <i>Campanula rotundifolia</i> )	25	●	± SI	Perennial	Present	insects	Generalist	4
Toothed evening primrose ( <i>Calylophus serrulatus</i> )	25	●	SC	Perennial	Absent	insects	Generalist	3
Missouri goldenrod ( <i>Solidago missouriensis</i> )	24	●	SI	Perennial	Present	insects	Generalist	4
Skyblue aster ( <i>Aster oolentangiensis</i> )	24	●	SI	Perennial	Present	insects	Generalist	4
Mock pennyroyal ( <i>Hedeoma hispida</i> )	24	●	SC	Annual	Absent	insects	Somewhat specific insect	5
Prairie sagewort ( <i>Artemisia frigida</i> )	23	●●	UNK	Perennial	Present	wind	Generalist	0
Hoary vervain ( <i>Verbena stricta</i> )	23	●	SC	Perennial	Present	insects	Generalist	2
Flowering spurge ( <i>Euphorbia corollata</i> )	22	●	SI	Perennial	Present	insects	Generalist	4
Whorled milkweed ( <i>Asclepias verticillata</i> )	21	●	SI	Perennial	Absent	insects	Somewhat specific insect	6
Field blue-eyed grass ( <i>Sisyrinchium campestre</i> )	21	●	SI	Perennial	Absent	insects	Early spring insect	6

Tall wormwood or Tarragon ( <i>Artemisia spp.</i> )*	20	●	Varies	Perennial	Varies	wind	Generalist	0
Hairy golden aster ( <i>Chrysopsis villosa</i> )	20	●	UNK	Perennial	Weakly	insects	Generalist	3
Prairie or Balsam ragwort ( <i>Senecio plattensis</i> or <i>S. pauperculus</i> )	20	●	UNK	Varies	Present	insects	Generalist	Varies
False boneset ( <i>Kuhnia eupatorioides</i> )	19	●	UNK	Perennial	Absent	insects	Generalist	4
False gromwell ( <i>Onosmodium molle</i> )	19	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Green milkweed ( <i>Asclepias viridiflora</i> )	19	●	SI	Perennial	Absent	insects	Somewhat specific insect	6
Narrow-leaved puccoon ( <i>Lithospermum incisum</i> )	17	●	CH/CL	Perennial	Absent	insects	Somewhat specific insect	5
Plantain-leaved pussytoes ( <i>Antennaria plantaginifolia</i> )	16	●	A	Perennial	Present	wind	Generalist	0
Hairy puccoon ( <i>Lithospermum caroliniense</i> )	13	●	H	Perennial	Absent	insects	Somewhat specific insect	6
Western spiderwort ( <i>Tradescantia occidentalis</i> )	7	●	UNK	Perennial	Present	insects	Generalist	3
Silky prairie clover ( <i>Dalea villosa</i> )	6	●●	UNK	Perennial	Present	insects	Generalist	3
<b>Grasses and Sedges</b>								
Little bluestem ( <i>Schizachyrium scoparium</i> )	88	●●●	UNK	Perennial	Present	wind	Generalist	0
Side-oats grama ( <i>Bouteloua curtipendula</i> )	79	●●●	A	Perennial	Present	wind	Generalist	0
Big bluestem ( <i>Andropogon gerardii</i> )	73	●●●	SI	Perennial	Present	wind	Generalist	0
Prairie dropseed ( <i>Sporobolus heterolepis</i> )	58	●●●	SC	Perennial	Absent	wind	Generalist	0
Porcupine grass ( <i>Stipa spartea</i> )	57	●●●	UNK	Perennial	Absent	wind	Generalist	0
Plains muhly ( <i>Muhlenbergia cuspidata</i> )	56	●●	UNK	Perennial	Absent	wind	Generalist	0
Indian grass ( <i>Sorghastrum nutans</i> )	45	●●●	SI	Perennial	Present	wind	Generalist	0
Junegrass ( <i>Koeleria pyramidata</i> )	43	●●	SI	Perennial	Absent	wind	Generalist	0
Hairy grama ( <i>Bouteloua hirsuta</i> )	30	●●	A	Perennial	Present	wind	Generalist	0
Scribner's panic grass ( <i>Panicum oligoanthos</i> )	26	●	UNK	Perennial	Absent	wind	Generalist	0
Wilcox's panic grass ( <i>Panicum wilcoxianum</i> )	22	●	UNK	Perennial	Absent	wind	Generalist	0
Blue grama ( <i>Bouteloua gracilis</i> )	16	●●●	A	Perennial	Present	wind	Generalist	0
Sand reed-grass ( <i>Calamovilfa longifolia</i> )	16	●●	UNK	Perennial	Present	wind	Generalist	0
Needle-and-thread grass ( <i>Stipa comata</i> )	13	●●●	UNK	Perennial	Absent	wind	Generalist	0
<b>Half-Shrubs</b>								
Leadplant ( <i>Amorpha canescens</i> )	71	●●	SC	Perennial	Present	insects	Generalist	2
Prairie rose ( <i>Rosa arkansana</i> )	40	●	SC	Perennial	Present	insects	Generalist	2
<b>Shrubs</b>								
Smooth sumac ( <i>Rhus glabra</i> )	29	●●	PD	Perennial	Present	insects	Generalist	4

\* Tall wormwood or Tarragon (*Artemisia dracunculus* or *A. campestris*)