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Table 3. Butterfly feeding at each site by flowering plant species. A dash (—) indicates the species was found within the site but was never sampled in a quadrat therefore density cannot be reported.

Site	Flowering plant species	Minutes feeding	% total feeding	Density (stems/1 m ²)
	<u>Scientific name</u>	<u>Common name</u>		
1	<i>Baptisia tinctoria</i>	wild indigo	0	—
	<i>Euphorbia corollata</i>	flowering spurge	0	—
	<i>Helianthus divaricatus</i>	woodland sunflower	0	—
	<i>Hieracium gronovii</i>	hairy hawkweed	0	—
	<i>Lithospermum caroliniense</i> ^a	hairy puccoon	0	—
	<i>Tephrosia virginiana</i>	goat's rue	0	—
	total species 6			
2	<i>Achillea millefolium</i>	common yarrow	0	—
	<i>Asclepias tuberosa</i>	butterfly weed	0	—
	<i>Erigeron strigosus</i>	lesser daisy fleabane	0	—
	<i>Euphorbia corollata</i>	flowering spurge	4.45	17.57
	<i>Krigia virginica</i> ^a	dwarf dandelion	0	$\bar{x}=0.07$ SE=0.07
	<i>Liatris squarrosa</i> ^b	scaly blazing star	20.88	82.43
	<i>Polygala polygama</i> ^a	racemed milkwort	0	—
	total species 7			
3	<i>Asclepias tuberosa</i>	butterfly weed	16.78	100
	<i>Baptisia tinctoria</i>	wild indigo	0	—
	<i>Coreopsis tripteris</i>	tall coreopsis	0	—
	<i>Erigeron strigosus</i>	lesser daisy fleabane	0	—
	<i>Euphorbia corollata</i>	flowering spurge	0	$\bar{x}=0.08$ SE=0.05
	<i>Helianthus divaricatus</i>	woodland sunflower	0	$\bar{x}=0.46$ SE=0.19
	<i>Saponaria officinalis</i> ^c	soapwort	0	—
	<i>Solidago juncea</i>	early goldenrod	0	$\bar{x}=0.05$ SE=0.05
	total species 8			
4	<i>Asclepias tuberosa</i>	butterfly weed	12	100
	<i>Erigeron strigosus</i>	lesser daisy fleabane	0	—
	<i>Euphorbia corollata</i>	flowering spurge	0	—
	<i>Helianthus divaricatus</i>	woodland sunflower	0	$\bar{x}=0.04$ SE=0.04
	<i>Hieracium gronovii</i>	hairy hawkweed	0	—
	<i>Hypericum perforatum</i> ^c	St. John's wort	0	—
	<i>Polygala polygama</i> ^a	racemed milkwort	0	—
	<i>Rosa carolina</i>	pasture rose	0	—
	<i>Solidago juncea</i>	early goldenrod	0	—
	total species 9			

^aState threatened (Ohio), ^bPotentially threatened (Ohio), ^cNon-native

Table 4. Feeding at each site by butterfly species.

Site	Butterfly species	Common name	Minutes feeding	Flowering plant species
	<u>Scientific name</u>	<u>Common name</u>		
1	<i>Danaus plexippus</i>	monarch	0	
	<i>Everes comyntas</i>	eastern tailed-blue	0	
	<i>Megisto cymela</i>	little wood satyr	0	
	<i>Satyrium liparops</i>	striped hairstreak	0	
	total species 4			
2	<i>Colias eurytheme</i>	orange sulfur	10	flowering spurge, scaly blazing star
	<i>Erynnis baptisiae</i>	wild indigo duskywing	11	scaly blazing star
	<i>Lycaena phlaeas</i>	American copper	0	
	<i>Megisto cymela</i>	little wood satyr	0	
	<i>Papilio troilus</i>	spicebush swallowtail	4.33	scaly blazing star
	<i>Vanessa virginiensis</i>	American lady	0	
	total species 6			
3	<i>Danaus plexippus</i>	monarch	3.50	butterfly weed
	<i>Erynnis horatius</i> or <i>Erynnis baptisiae</i>	Horace's or wild indigo duskywing	0	
	<i>Papilio cresphontes</i>	giant swallowtail	0	
	<i>Papilio troilus</i>	spicebush swallowtail	12.28	butterfly weed
	<i>Speyeria cybele</i>	great spangled fritillary	1	butterfly weed
	total species 5			
4	<i>Celastrina neglecta</i>	summer azure	0	
	<i>Colias eurytheme</i> or <i>Colias philodice</i>	orange or clouded sulfur	2	butterfly weed
	<i>Erynnis baptisiae</i>	wild indigo duskywing	0	
	<i>Megisto cymela</i>	little wood satyr	0	
	<i>Satyrium titus</i>	coral hairstreak	0	
	<i>Skipper</i> sp.	—	0	
	<i>Speyeria cybele</i>	great spangled fritillary	10	butterfly weed
	total species 7			

Table 5. Management activities at each site during three time frames. Management began in 1988 at site 1, 1996 at sites 3 and 4, and 2001 at site 2. The first time frame (1988-2009) therefore, includes all recorded management activities. The second time frame (2001-2009) represents management in the last 8.7 years and the last time frame (2006-2009) represents the most recent management activities. Seeding events refer to the distribution of native plant seed into a site. Woody species removal includes both mechanical and chemical methods to remove woody plants. Total is the sum of all management activity.

<i>Time frame</i>	<i>Site(s)</i>	<i># of burns</i>	<i># of mowing events</i>	<i># of seeding events</i>	<i># of years with woody species removal</i>	<i>Total</i>
1988-2009*	1	11	1	6	7	25
	2	0	1	5	4	10
	3 and 4	2	0	0	10	12
2001-2009*	1	3	1	4	5	13
	2	0	1	5	4	10
	3 and 4	2	0	0	5	7
2006-2009*	1	1	0	2	2	5
	2	0	1	1	1	3
	3 and 4	2	0	0	3	5

*Through 1 August 2009