

Appendix 6. Number and percent of butterflies recorded at flower genera, 2002 and 2003.

Family	Genus	2002		2003	
		Butterflies	Percent	Butterflies	Percent
Amaranthaceae	<i>Celosia</i>	1	0.1%	1	0.1%
	<i>Gomphrena</i>	5	0.3%	14	1.0%
Amaryllidaceae	<i>Zephyranthes</i> *	1	0.1%	-	-
Apiaceae	<i>Anethum</i> *	1	0.1%	-	-
	<i>Daucus</i>	9	0.6%	5	0.4%
	<i>Eryngium</i> *	-	-	12	0.8%
Apocynaceae	<i>Vinca</i> *	2	0.1%	1	0.1%
Asclepiadaceae	<i>Asclepias</i>	24	1.6%	63	4.4%
Asteraceae	<i>Achillea</i>	3	0.2%	2	0.1%
	<i>Ageratum</i>	18	1.2%	5	0.4%
	<i>Aster</i>	7	0.5%	10	0.7%
	<i>Bidens</i>	3	0.2%	-	-
	<i>Centaurea</i>	6	0.4%	4	0.3%
	<i>Chichorium</i>	2	0.1%	-	-
	<i>Chrysanthemum</i>	25	1.7%	13	0.9%
	<i>Coreopsis</i>	86	5.8%	38	2.7%
	<i>Cosmos</i>	13	0.9%	32	2.3%
	<i>Dahlia</i> *	3	0.2%	3	0.2%
	<i>Echinacea</i>	87	5.8%	40	2.8%
	<i>Echinacea / Rudbeckia / Ratibida</i>	11	0.7%	28	2.0%
	<i>Eupatorium</i>	9	0.6%	40	2.8%
	<i>Gaillardia</i>	-	-	11	0.8%
	<i>Helianthus</i>	2	0.1%	-	-
	<i>Heliopsis</i>	2	0.1%	3	0.2%
	<i>Liatris</i>	12	0.8%	86	6.1%
	<i>Melampodium</i> *	7	0.5%	9	0.6%
	<i>Ratibida</i>	2	0.1%	2	0.1%
	<i>Rudbeckia</i>	40	2.7%	26	1.8%
<i>Solidago</i>	6	0.4%	7	0.5%	
<i>Tagetes</i>	44	3.0%	27	1.9%	
<i>Taraxacum</i>	2	0.1%	3	0.2%	
<i>Tithonia</i>	-	-	9	0.6%	
<i>Vernonia</i>	21	1.4%	21	1.5%	
<i>Zinnia</i>	299	20.1%	413	29.1%	
	unidentified	-	-	15	1.1%
Berberidaceae	<i>Berberis</i> *	1	0.1%	-	-
Brassicaceae	<i>Brassica</i>	16	1.1%	9	0.6%
	<i>Hesperis</i>	8	0.5%	1	0.1%
	<i>Raphanus</i>	1	0.1%	-	-
Buddlejaceae	<i>Buddleja</i>	45	3.0%	36	2.5%

* Not typically recommended for use in butterfly gardens.

Family	Genus	2002		2003	
		Butterflies	Percent	Butterflies	Percent
Campanulaceae	<i>Campanula</i> *	2	0.1%	-	-
Cannaceae	<i>Canna</i> *	1	0.1%	-	-
Capparaceae	<i>Cleome</i> *	9	0.6%	3	0.2%
Caprifoliaceae	<i>Sambucus</i> *	-	-	2	0.1%
	<i>Lonicera</i>	3	0.2%	1	0.1%
	<i>Viburnum</i>	1	0.1%	-	-
Caryophyllaceae	<i>Dianthus</i>	19	1.3%	9	0.6%
	<i>Silene</i> *	-	-	1	0.1%
Chenopodiaceae	<i>Chenopodium</i> *	-	-	1	0.1%
Commelinaceae	<i>Tradescantia</i> *	-	-	1	0.1%
Convolvulaceae	<i>Ipomoea</i> *	2	0.1%	2	0.1%
Cornaceae	<i>Cornus</i> *	4	0.3%	-	-
Crassulaceae	<i>Sedum</i>	37	2.5%	50	3.5%
Cucurbitaceae	<i>Cucumis</i> *	1	0.1%	1	0.1%
	<i>Cucurbita</i> *	1	0.1%	3	0.2%
Dipsacaceae	<i>Scabiosa</i>	2	0.1%	2	0.1%
Elaeagnaceae	<i>Elaeagnus</i> *	-	-	1	0.1%
Ericaceae	<i>Vaccinium</i>	1	0.1%	-	-
Euphorbiaceae	<i>Croton</i> *	1	0.1%	-	-
Fabaceae	<i>Albizia</i> *	1	0.1%	-	-
	<i>Cassia</i> *	1	0.1%	-	-
	<i>Coronilla</i>	-	-	3	0.2%
	<i>Lespedeza</i> *	1	0.1%	10	0.7%
	<i>Phaseolus</i> *	4	0.3%	5	0.4%
	<i>Pisum</i> *	7	0.5%	7	0.5%
	<i>Trifolium</i>	-	-	8	0.6%
	<i>Trifolium / Melilotus / Medicago</i>	104	7.0%	37	2.6%
	<i>Vicia / Coronilla / Astragalus</i>	-	-	1	0.1%
Geraniaceae	<i>Geranium / Pelargonium</i> *	1	0.1%	6	0.4%
	<i>Pelargonium</i> *	2	0.1%	-	-
Hemerocallidaceae	<i>Hemerocallis</i>	6	0.4%	-	-
Hydrangeaceae	<i>Hydrangea</i> *	-	-	1	0.1%
Iridaceae	<i>Gladiolus</i> *	1	0.1%	-	-
	<i>Iris</i> *	-	-	1	0.1%
Lamiaceae	<i>Ajuga</i> *	-	-	3	0.2%
	<i>Blephilia</i>	4	0.3%	-	-
	<i>Lavandula</i>	3	0.2%	-	-
	<i>Melissa</i> *	2	0.1%	-	-
	<i>Mentha</i>	-	-	3	0.2%
	<i>Monarda</i>	3	0.2%	7	0.5%
	<i>Nepeta</i>	9	0.6%	3	0.2%
	<i>Ocimum</i> *	2	0.1%	10	0.7%
	<i>Origanum</i> *	6	0.4%	1	0.1%
	<i>Perovskia</i> *	3	0.2%	-	-

Family	Genus	2002		2003	
		Butterflies	Percent	Butterflies	Percent
	<i>Physostegia</i> *	-	-	1	0.1%
	<i>Plectranthus</i> *	1	0.1%	1	0.1%
	<i>Pycnanthemum</i>	5	0.3%	1	0.1%
	<i>Salvia</i>	55	3.7%	26	1.8%
	<i>Teucrium</i> *	2	0.1%	-	-
	<i>Thymus</i>	5	0.3%	-	-
	unidentified	13	0.9%	3	0.2%
Lauraceae	<i>Lindera</i>	-	-	1	0.1%
Liliaceae	<i>Allium</i>	8	0.5%	7	0.5%
	<i>Hosta</i> *	2	0.1%	1	0.1%
	<i>Lilium</i> *	2	0.1%	1	0.1%
Lobeliaceae	<i>Lobelia</i>	1	0.1%	-	-
Lythraceae	<i>Lagerstroemia</i> *	3	0.2%	-	-
Malvaceae	<i>Abelmoscus</i> *	2	0.1%	1	0.1%
	<i>Alcea</i> *	1	0.1%	-	-
	<i>Callirhoe</i> *	2	0.1%	-	-
	<i>Hibiscus</i>	3	0.2%	22	1.6%
Oleaceae	<i>Ligustrum</i>	14	0.9%	-	-
Onagraceae	<i>Oenothera</i>	4	0.3%	-	-
Oxalidaceae	<i>Oxalis</i>	-	-	1	0.1%
Paeoniaceae	<i>Paeonia</i> *	-	-	2	0.1%
Papilionaceae	<i>Vigna</i> *	1	0.1%	-	-
Phytolaccaceae	<i>Phytolacca</i> *	1	0.1%	-	-
Plumbaginaceae	<i>Plumbago</i>	1	0.1%	-	-
Polemoniaceae	<i>Phlox</i>	19	1.3%	4	0.3%
Polygonaceae	<i>Rumex</i> *	-	-	1	0.1%
Portulacaceae	<i>Portulaca</i> *	6	0.4%	-	-
Primulaceae	<i>Lysimachia</i> *	3	0.2%	2	0.1%
Ranunculaceae	<i>Clematis</i>	4	0.3%	20	1.4%
Rhamnaceae	<i>Ceanothus</i>	1	0.1%	-	-
Rosaceae	<i>Fragaria</i>	2	0.1%	-	-
	<i>Rosa</i> *	9	0.6%	1	0.1%
	<i>Rubus</i>	3	0.2%	9	0.6%
	<i>Spiraea</i>	1	0.1%	-	-
Rubiaceae	<i>Cephalanthus</i>	2	0.1%	1	0.1%
	<i>Pentas</i>	2	0.1%	4	0.3%
Rutaceae	<i>Ruta</i> *	-	-	1	0.1%
Saxifragaceae	<i>Astilbe</i> *	1	0.1%	-	-
	<i>Itea</i> *	1	0.1%	1	0.1%
Scrophulariaceae	<i>Antirrhinum</i> *	1	0.1%	-	-
	<i>Penstemon</i>	3	0.2%	10	0.7%
	<i>Veronica</i> *	-	-	2	0.1%
	<i>Veronicastrum</i>	-	-	1	0.1%

Family	Genus	2002		2003	
		Butterflies	Percent	Butterflies	Percent
Solanaceae	<i>Calibrachoa</i> *	3	0.2%	-	-
	<i>Capsicum</i> *	-	-	1	0.1%
	<i>Lycopersicon</i> *	3	0.2%	7	0.5%
	<i>Nicotiana</i>	1	0.1%	-	-
	<i>Petunia</i>	12	0.8%	1	0.1%
	<i>Solanum</i> *	1	0.1%	-	-
Urticaceae	<i>Boehmeria</i> *	1	0.1%	-	-
Valerianaceae	<i>Valerianella</i> *	4	0.3%	-	-
Verbenaceae	<i>Lantana</i>	7	0.5%	14	1.0%
	<i>Verbena</i>	115	7.7%	67	4.7%
unidentified	unidentified	92	6.2%	32	2.3%