

Title: Grass-skipper (Hesperiinae) trends in midwestern USA grasslands during 1988-2013

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Online Resource Table 1 Study sites in the Swengel dataset. All sites were surveyed in 2013

Site type, name	latitude	longitude	first year	N years	Survey hr	Route (km)
Prairie						
Barneveld ¹	43.00	89.92	1998	16	14.691	2.40
Dewey Heights	42.73	91.02	1988	24	19.622	0.70
Thomson (newer) ¹	42.98	89.84	1992	22	35.682	1.90
Hogback	43.22	90.87	1992	22	64.504	2.45
Muralt Bluff	42.70	89.49	1988	26	73.670	3.10
Oliver	42.68	89.50	1989	25	10.672	0.40
Rush Creek 1	43.38	91.12	1991	13	6.242	0.50
Spring Green	43.20	90.07	1988	16	52.827	2.45
Thomson (original) ¹	42.98	89.83	1990	24	25.129	1.70
Thousand's II ¹	42.98	89.71	1990	24	16.014	0.90
Field						
Buena Vista 1-2	44.36	89.59	1997	17	21.588	0.80
Buena Vista 3	44.34	89.62	1997	17	100.50	4.00
Buena Vista 4	44.31	89.56	1998	16	24.813	1.60
Buena Vista 5	44.35	89.63	1997	17	24.354	0.80
Buena Vista 6	44.29	89.67	1997	17	16.333	1.60
Pine Island 1	43.54	89.57	1993	21	49.568	2.40
Barrens						
Bauer 2	44.30	90.75	1992	21	18.639	0.60
Brockway 1	44.30	90.743	1991	22	69.296	1.20
Dike 17	44.28	90.56	1988	26	133.571	1.45
Mirror Lake	43.56	89.80	1988	26	84.909	1.90
North Brockway E	44.32	90.73	1992	22	59.796	0.64
S Brockway W 1	44.281	90.742	1992	22	35.071	0.56
S Brockway W 4	44.283	90.744	1992	22	34.772	0.30
S Brockway W 5	44.283	90.746	1994	15	45.638	0.85

¹ only analyzable grass-skipper species was European skipper