

Colby Hill (Guthrie-Bancroft) Small Mammal Species Habitat Variables - Yearly averages and all-year average

Blarina brevicauda

Year	No. caught	Average weight (g)	Canopy Cov.	Nearest Tree dist. (m)	Nearest Tree dbh (cm)	Nearest log dist. (m)	Nearest log ø (cm)	herbs (%)	grasses (%)	bare soil (%)	leaf (%)	rock (%)	wood (%)
2001	37	18.2	41.5	1.6	14.9	1.0	13.0	35.0	8.7	12.9	41.5	1.3	
2002	26	18.0	51.0	2.0	16.9	2.7	8.8	34.0	5.4	7.9	45.2	6.0	
2005	22	17	90.3	1.4	21.4	0.7	15.1	29.5	0.7	5.5	62.0	2.3	
2006	14	17.8	95.5	2.0	28.6	0.5	11.2	30.7	1.1	3.6	54.6	9.6	
2007	25	18	90.4	1.4	22.4	0.7	10.9	40.2	5.2	1.8	45.4	0.6	5.8
2011	28	17.3	95.6	2.4	16.9	0.8	14.9	27.3	10.0	3.0	38.6	8.4	12.7

Sorex cinereus

2001	2	3.2	30.0	3.5	10.0	10.1	16.0	70.0	5.0	10.0	15.0	0.0	
2002	10	4.25	58.5	2.2	16.4	1.9	9.3	40.0	3.9	6.7	48.3	1.1	
2005	9	4.5	81.9	3.4	20.6	1.5	5.9	58.3	9.4	7.8	24.4	0.0	
2006	10	4.04	76.5	2.6	22.9	0.93	6	47	14	4.5	34	1	
2007	10	4.5	85.5	1.5	14.7	2.2	11.1	68.5	13.0	1.5	14.5	1.0	0.5
2011	4	4	97.1	1.4	34.5	3.5	8.4	46.3	2.5	3.8	43.8	0.0	3.8

Sorex fumeus

2005	1	6.9	92.8	7	20	2	10	80	0	5	15	0	
2006	1	6.5	98.96	0.2	15	0.2	8	45	0	5	50	0	
2007	3	7.8	87.2	1.4	15.7	1.9	15.7	78.3	1.7	0.0	18.3	0.0	1.7

Sorex palustris

2011	1	11.0	14.7	4.5	28.0	1.5	10.0	40	55	5	0	0	0.0
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Parascalops breweri

2007	1	45.0	97.9	2.6	18.0	1.0	5.0	40.0	20.0	10.0	20.0	5.0	0.0
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Glaucomys volans

2002	1	?	80	1	60	0	10	20	0	0	80	0
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Tamias striatus

2001	4	74.1	57.5	0.4	12.0	1.3	9.8	42.5	3.8	2.5	51.3	0	
2002	3	70.0	58.3	0.7	21.3	0.0	20.0	48.3	5.0	0.0	48.3	0	
2005	1	84	97.9	1	20	1.5	18	5	0	5	90	0	
2006	4	79.8	94.0	2.0	17.5	1.2	11.5	38.8	6.3	2.5	47.5	2.5	
2007	8	73	92.7	1.3	21.3	0.9	23.1	23.8	12.5	13.8	31.9	5.0	13.1
2011	8	83.1	96.1	1.2	25.8	0.6	10.9	29.4	0.0	1.3	58.8	0.0	0

Tamiasciurus hudsonicus

2007	2	58	76.1	0.7	19.0	2.3	5.0	67.5	10.0	2.5	17.5	0.0	2.5
2011	1	140	94.8	1.2	18.0	2.0	6.0	20.0	15.0	0.0	30.0	0.0	35.0

Myodes gapperi

2001	59	20.3	43.3	1.4	18.5	1.1	12.8	37.1	8.0	9.3	38.1	7.5	
2002	19	18.2	54.5	1.2	20.8	1.7	18.5	36.1	2.9	10.8	47.4	1.8	
2005	96	19	94.5	1.1	19.9	1.0	12.9	41.7	1.3	3.3	52.3	1.0	
2006	81	17.2	94.9	1.3	23.7	1.1	10.7	35.8	2.2	3.2	54.9	3.8	
2007	68	17.4	92.6	1.1	21.8	0.5	13.6	29.4	1.7	6.0	49.5	1.8	9.6
2011	52	18.9	96.6	1.5	18.0	0.8	12.9	34.3	0.6	3.0	46.5	1.8	13.2

Microtus pennsylvanicus

2001	7	43.4	22.9	1.3	10.9	1.7	8.1	65.0	18.6	5.0	11.4	0.0	
2002	3	38	0.0	5.7	15.3	0.0	0.0	80.0	20.0	0.0	0.0	0.0	
2005	22	22	66.5	3.8	14.3	0.1	3.0	50.2	41.8	1.1	2.0	4.1	
2006	1	?	80.24	2	8	5	5	30	70	0	0	0	
2007	3	21	39.7	1.1	9.5	1.2	5.0	63.3	30.0	0.0	5.0	0.0	1.7
2011	3	26	58.1	1.9	8.0	1.9	12.0	46.7	20.0	10.0	1.7	0.0	18.3

Microtus pinetorum

2006	1	21	93.76	0.1	10	0.3	10	40	0	0	60	0
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Synaptomys cooperi

2005	1	24	93.76	4	15	3	12	85	0	0	15	0
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Napaeozapus insignis

2001	12	22.2	35.4	1.8	20.9	1.2	11.8	27.9	8.3	14.6	45.8	3.3	
2002	7	17.8	50.0	6.0	18.4	1.2	19.0	24.3	1.4	13.6	41.4	20.0	
2005	18	19.0	70.1	1.8	12.8	0.6	8.4	65.6	14.7	1.7	15.8	2.2	
2006	3	18.5	91.3	3.5	17.3	0.6	7.3	66.7	5.0	3.3	25.0	0.0	
2007	47	21.4	86.3	0.8	20.2	1.1	11.2	39.5	0.5	4.5	47.6	1.6	6.3
2011	6	20.7	94.3	1.5	17.7	1.4	11.2	48.3	11.7	5.0	27.5	0.0	9.167

Zapus hudsonius

2005	4	17.0	53.7	6.6	9.3	0.8	26.8	62.5	3.8	6.3	6.3	0.0	
2006	3	22.3	84.4	1.5	5.0	3.0	6.0	66.7	28.3	0.0	3.3	1.7	
2007	3	18.0	54.2	3.2	9.7	1.2	6.7	55.0	21.7	1.7	18.3	0.0	3.3

Peromyscus sp.

2001	125	16.6	42.3	0.9	18.4	1.1	11.4	23.6	5.6	8.7	56.4	5.9	
2002	88	18.5	61.8	2.4	23.8	1.5	11.5	30.9	2.3	10.7	51.9	4.4	
2005	70	18	94.0	0.8	23.9	1.3	11.3	29.0	1.1	3.4	64.4	1.3	
2006	80	19.4	95.0	1.2	22.2	0.8	10.2	25.6	4.7	4.0	63.7	2.1	
2007	118	17.1	94.6	0.8	27.1	0.6	13.6	23.1	1.9	3.5	59.4	3.6	8.4
2011	69	20.9	96.6	1.2	22.9	0.7	13.8	24.1	1.3	1.3	56.5	3.3	13.2

Mustela erminea

2002	1	52	20	1	6	2.5	10	90	0	0	10	0	
2005	1	97	79.2	0.2	5	0.3	20	85	5	0	10	0	
2006	4	94	80.1	2.6	13.8	1.3	12.8	62.5	1.3	2.5	31.3	2.5	
2007	2	58	76.08	0.65	19	2.25	5	67.5	10	2.5	17.5	0	2.5
2011	2	104	96.9	1.6	17.0	3.3	11.0	75.0	10.0	2.5	5.0	0.0	2.5