

Supplementary Table 1. Hematological data for population samples of *P. maniculatus* and other *Peromyscus* species.

Species Name	Altitude (m)	[Hb] g/dl (mM)	Hct (%)	RBC size (μm)	MCHC g/dl (mM)	DPG/Hb	Reference
<i>Peromyscus maniculatus</i>	4350	18.2 (2.8)	59.7	5.4	30.6 (4.7)	2.2	Present study
<i>P. maniculatus</i>	4340	21.3 (3.3)	64.2	-	33.2 (5.2)	1.7	Snyder 1982
<i>P. maniculatus</i>	3801	-	52.4	-	-	-	Hammond et al. 1999
<i>P. maniculatus</i>	3801	-	47.0	-	-	-	Hammond et al. 2001
<i>P. maniculatus</i>	3800	17.7 (2.8)	52.7	-	33.6 (5.2)	1.8	Snyder 1982
<i>P. maniculatus</i>	3800	12.8 (2.0)	42.8	-	30.0 (4.7)	-	Sawin 1970
<i>P. maniculatus</i>	3185	15.5 (2.4)	46.0	-	33.5 (5.2)	-	Thompson et al. 1966
<i>P. maniculatus</i>	3094	-	48.3	-	-	-	Hammond et al. 1999
<i>P. maniculatus</i>	3048†	15.5 (2.4)	46.4	-	33.5 (5.2)	-	Gough and Kilgore 1964
<i>P. maniculatus</i>	2905	17.9 (2.8)	52.0	-	34.4 (5.3)	1.8	Snyder 1982
<i>P. maniculatus</i>	2900	18.4 (2.9)	58.0	5.9	31.7 (4.9)	-	Wyckoff and Frase 1990
<i>P. maniculatus</i>	2896	15.9 (2.5)	49.1	6.4	32.5 (5.0)	-	Sealander 1964
<i>P. maniculatus</i>	2590	17.0 (2.6)	-	-	-	1.7	Snyder 1982
<i>P. maniculatus</i>	2286	14.9 (2.3)	47.0	-	31.6 (4.9)	-	Thompson et al. 1966
<i>P. maniculatus</i>	2210†	14.9 (2.3)	47.4	-	31.6 (4.9)	-	Gough and Kilgore 1964
<i>P. maniculatus</i>	2134	15.7 (2.4)	48.1	6.4	32.8 (5.1)	-	Sealander 1964
<i>P. crinitus</i>	2134	16.7 (2.6)	47.3	6.5	35.2 (5.5)	-	Sealander 1964
<i>P. polionotus</i>	1646	-	43.5	-	-	-	Dunaway and Lewis 1965
<i>P. maniculatus</i>	1234	-	42.1	-	-	-	Hammond et al. 1999
<i>P. maniculatus</i>	430	15.0 (2.3)	48.9	5.7	32.5 (5.1)	1.5	Present study
<i>P. maniculatus</i>	427	15.1 (2.3)	47.4	6.4	31.8 (4.9)	-	Sealander 1962
<i>P. boylii</i>	381	14.3 (2.2)	45.9	6.4	31.0 (4.8)	-	Sealander 1964
<i>P. leucopus</i>	381	15.3 (2.4)	47.2	6.3	32.5 (5.0)	-	Sealander 1964
<i>P. maniculatus</i>	381	16.3 (2.5)	50.3	6.3	32.4 (5.0)	-	Sealander 1964
<i>P. maniculatus</i>	370	-	38.0	-	-	-	Hammond et al. 2001
<i>P. maniculatus</i>	340	15.6 (2.4)	45.9	-	34.1 (5.3)	1.6	Snyder 1982
<i>P. leucopus</i>	259	-	46.0	-	-	-	Dunaway and Lewis 1965
<i>P. nuttalli</i>	259	-	46.0	-	-	-	Dunaway and Lewis 1965
<i>P. leucopus</i>	182	15.6 (2.4)	47.6	6.3	32.8 (5.2)	-	Wyckoff and Frase 1990
<i>P. leucopus</i>	152	15.1 (2.3)	46.1	6.4	32.8 (5.2)	-	Sealander 1964
<i>P. polionotus</i>	152	13.8 (2.1)	42.8	-	32.2 (5.0)	-	Sealander 1964
<i>P. nuttalli</i>	152	15.5 (2.4)	47.2	-	32.7 (5.1)	-	Sealander 1964
<i>P. leucopus</i>	122*	15.3 (2.4)	45.9	6.1	33.2 (5.2)	-	Foreman 1956
<i>P. maniculatus</i>	94	10.4 (1.6)	35.2	-	29.3 (4.6)	-	Sawin 1970
<i>P. gossypinus</i>	84*	13.7 (2.1)	43.5	-	31.6 (4.9)	-	Gough and Kilgore 1964
<i>P. nuttalli</i>	84*	14.0 (2.2)	43.3	-	32.4 (5.0)	-	Gough and Kilgore 1964

† Represents the elevational midpoint of collection localities reported by Gough and Kilgore (1964).

*Estimated altitude based on locality information provided in the text.

References not included in manuscript

Foreman, C. W. (1956). Notes and blood data on some small mammals of Durham County, North Carolina. *J. Mammal.* **37**(3): 427-428.