

Spreadsheet with all individuals of the 4 new species of Ctenomys analyzed. Data include original measurement data from spreadsheet with field collection numbers and museum numbers for each specimen examined.

		Character Abbreviations - see text for full description of these characters																				
	museum coll. number	s e coll #	Personal coll #	NK#	Date Coll.	TOTL	TAIL	HFL	EAR	WT	CBR	CIL	PLR	MOL	PAB	DSB	ZYB	LAB	IOB	SHT		
Ctenomys ericacuellarae n. sp																						
Bolivia: Chuquisaca, 2 km E. of Chuhuayaco, 19 43' / 63 51' 1200 meters																						
species loc																						
1	C. ericacuellarae	Chuhuayaco	MS863291	m	SA10348	21901	7/8/1990	287	80	41	8	370	47.09	50.52	23.87	11.33	2.5	10.95	32.08	28.4	12.76	17.8
2	C. ericacuellarae	Chuhuayaco	CBF1164	f	SA10350	21903	8/8/1990	216	65	35	7	144	36.3	42.52	17.6	9.8	1.9	9.3	27.55	25	10.5	13.3
3	C. ericacuellarae	Chuhuayaco	CBF1099	f	SA10351	21904	8/8/1990	285	85	41	8	268	42.63	45.73	21.08	10.69	2.92	10.5	29.59	28.59	11.21	15.02
4	C. ericacuellarae	Chuhuayaco	AM263922	f	SA10352	21905	8/8/1990	242	78	36	7	202	40.4	43.01	19.9	10.3	2.3	9.5	28.3	27.2	10.6	14.6
5	C. ericacuellarae	Chuhuayaco	CBF2655	f	SA10356	21914	8/8/1990	213	66	34	5.5	118										
6	C. ericacuellarae	Chuhuayaco	AM263923	f	SA10357	21915	8/8/1990	257	68	41	7	272										
7	C. ericacuellarae	Chuhuayaco	AM263924	f	SA10358	21916	8/8/1990	235	63	33	7	168										
8	C. ericacuellarae	Chuhuayaco	CBF1098	f	SA10359	21917	8/8/1990	261	75	38	7	220	39.6	42.33	19.8	10.4	2.1	9.6	27.5	26	10.9	15
9	C. ericacuellarae	Chuhuayaco	CBF1160	f	SA10360	21934	8/8/1990	208	60	30	5.5	99	32.9	34.83	15.99	8.2	2	8.1	23.1	21.9	9.3	12.3
10	C. ericacuellarae	Chuhuayaco	MS863394	m	SA10361	21935	8/8/1990	273	76	39	6	258	42.21	53.31	21.62	10.35	3.13	10.8	30.42	26.86	11.98	16.27
11	C. ericacuellarae	Chuhuayaco	AM263925	f	SA10370	21938	8/8/1990	218	63	34	6	128	35.6	37.71	17.5	9.3	2.1	8.5	25	24.6	9.8	12.9
12	C. ericacuellarae	Chuhuayaco	CBF1102	f	SA10371	21939	8/8/1990	243	67	35	6	194	39.83	42.46	20.48	10.31	2.23	9.16	28.35	26.34	10.86	15.12
13	C. ericacuellarae	Chuhuayaco	AM263926	m	SA10372	21940	8/8/1990	300	78	43	8	360	46.9	50.85	24.74	10.38	2.96	10.63	32.45	28.87	12.52	17.94
14	C. ericacuellarae	Chuhuayaco	AM263927	f	SA10373	21941	8/8/1990	270	72	37	7	248	40.4	44.11					27.65			
15	C. ericacuellarae	Chuhuayaco	MS863508	m	SA10374	21948	8/8/1990	259	71	37	6	196										
16	C. ericacuellarae	Chuhuayaco	CBF2656	f	SA10375	21950	8/8/1990	260	74	35	5	216										
17	C. ericacuellarae	Chuhuayaco	MS863507	f	SA10376	21961	8/8/1990	230	67	35	6	200										
18	C. ericacuellarae	Chuhuayaco	AM263928	m	SA10377	21962	8/8/1990	198	61	32.5	5	90										
19	C. ericacuellarae	Chuhuayaco	CBF2657	f	SA10378	21965	8/8/1990	259	71	37	6	184										
20	C. ericacuellarae	Chuhuayaco	AM263929	f	ELP27	21949	9/8/1990	254	69	35	8	194	39.7	42.2	19.6	10.4	2.4	9.7	27.5	25.8	11.5	15.1
21	C. ericacuellarae	Chuhuayaco	AM263930	m	ELP28	21960	9/8/1990	210	60	32	8	112	33.4	35.43	16.5	8.8	2	8.6	24	22.5	9.8	13.4
22	C. ericacuellarae	Chuhuayaco	CBF1105	f	ELP29	21964	9/8/1990	184	55	30	7	82	30.8	32.87	14.7	8.6	1.8	8.4	21.7	20.9	8.7	12.2
23	C. ericacuellarae	Chuhuayaco	MS863395	m	ELP30	21963	9/8/1990	195	68	35	7	118	34.66	36.48	17.09	8.64	2.59	8.28	24.07	24.91	10.14	13.38
Bolivia: Chuquisaca, 2 km SW Monteagudo, 19 49' / 63 19', 1130 meters																						
1	C. ericacuellarae	Monteagudo	MS863383	f	SA10033	21315	13-7-90	276	75	36	7	230	42.29	44.81	21.91	11.26	2.47	10.88	30.49	28.83	11.6	16.95
2	C. ericacuellarae	Monteagudo	AM263943	f	SA10055	21345	14-7-90	268	75	36	5	210	41.87	44.75	21.36	10.37	2.29	9.95	29.5	28.33	10.59	15.72
3	C. ericacuellarae	Monteagudo	AM263944	f	SA10056	21346	14-7-90	278	78	40	6	270	42.29	45.03	22.35	9.89	2.29	10.3	29.94	28.03	12.28	16.68
4	C. ericacuellarae	Monteagudo	MS863510	f	SA10057	21347	14-7-90	278	83	38	7	235										
5	C. ericacuellarae	Monteagudo	AM263945	f	SA10063	21365	14-7-90	278	70	36.5	5	225										
6	C. ericacuellarae	Monteagudo	AM263946	m	SA10092	21449	14-7-90	308	82	42	8	390	48.9	53.53	24.72	11.51	2.31	10.83	35.19	32.32	13.41	17.67
7	C. ericacuellarae	Monteagudo	CBF1097	m	SA10093	21450	14-7-90	295	78	37	6	325	44.91	49.02	22.62	10.23	2.12	10.66	32.82	29.77	12.21	17.05
8	C. ericacuellarae	Monteagudo	CBF1101	f	SA10094	21451	14-7-90	260	66	35	7	255	42.66	45.67	21.19	10.53	2.31	9.92	30.1	28.44	11.4	15.81
9	C. ericacuellarae	Monteagudo	CBF1100	f	SA10095	21452	14-7-90	276	76	38	7	275	44.43	47.53	22.78	10.43	2.43	9.86	31.07	29.04	12.59	16.8
10	C. ericacuellarae	Monteagudo	MS863392	m	SA10096	21453	14-7-90	232	70	36	7	165	39.64	42.1	19.43	9.77	2.46	9.4	26.9	25.44	10.39	14.07
11	C. ericacuellarae	Monteagudo	MS863393	f	SA10097	21454	14-7-90	231	63	36	7	150	39.64	42.17	19.43	9.77	2.46	9.42	26.9	25.44	10.39	14.07
12	C. ericacuellarae	Monteagudo	CBF1094	f	MZ57	21338	13-7-90	241	71	38	7	170	39.1	41.67	19.7	9.9	2.4	9	27.77	26.4	10.3	14.4
13	C. ericacuellarae	Monteagudo	CBF1093	f	MZ58	21336	13-7-90	273	82	34	7	230	41.5	44.56	20.4	10.5	2.1	9.8	29.17	28.2	11.6	15.5
14	C. ericacuellarae	Monteagudo	MS863381	f	MZ66	21421	13-7-90	280	91	37	7	235	42.97	46	24.59	10.83	2.85	10.06	29.66	27.24	10.78	15.97
15	C. ericacuellarae	Monteagudo	MS863382	f	MZ68	21457	13-7-90	239	69	30	7	163	39.21	41.62	19.32	9.13	2.18	9.71	27.77	26.33	11.5	13.88
16	C. ericacuellarae	Monteagudo	AM263947	m	JCH106	21337	10/07/90	275	63	36	7	330	44.39	48.28	22.4	11	2.3	10.8	33	28.8	12.8	17.1
17	C. ericacuellarae	Monteagudo	CBF1182	m	LFT6	21303	12/07/90	331	85	44	8	264	44.5	47.6	22.49	11.3	2.6	10.76	30.71	28.9	12.43	16.58
18	C. ericacuellarae	Monteagudo	CBF1108	m	LFT7	21340	13-7-90	304	80	44	10	360	48.28	52.6	24.13	11.26	2.82	11.16	33.89	31.48	14.1	18.06
19	C. ericacuellarae	Monteagudo	CBF1109	f	LFT8	21344	14-7-90	241	75	37	7	160	39.46	41.62	19.49	10.12	2.33	9.17	26.62	25.41	9.76	14.43
20	C. ericacuellarae	Monteagudo	AM263948	f	RLC20	21455	15-7-90	270	68	35	7	270	44	46.87	22.3	11.4	2.3	10.3	30.35	28.5	11.9	15.9
21	C. ericacuellarae	Monteagudo	AM263949	f	JAC2147	21420	14-7-90	253	73	34	9	180	39.8	42.61	19.5	10.1	1.9	9	28.3	27.6	10.9	14.8
22	C. ericacuellarae	Monteagudo	MS863384	m	JAC2148	21422	14-7-90	233	74	33	8	200	36.4	38.84	17.32	9.14	2.69	9.11	24.83	24.13	10.16	13.1
23	C. ericacuellarae	Monteagudo	CBF2654??	f	JAC2151	21472	???	275	74	35	8	210	42.1	45.59	21.2	10.9	2.4	10	28.2	21.9	15.9	15.9
24	C. ericacuellarae	Monteagudo	AM263950	m	RHP15080	21366	14-7-90	262	69	39	8	200	41.8	44.9	21.3	11	2.1	9.8	30.07	28.2	11.2	15.5
25	C. ericacuellarae	Monteagudo	AM263951	f	RHP15102	21456	15-7-90	285	75	38	7	244	41.6	44.41	20.7	10.5	2.3	9.7	29.32	27.5	12	15.9
26	C. ericacuellarae	Monteagudo	AM263952	f	JS8394	21304	???	263	75	38	9	270	43.2	46.68	22.4	11	2.1	10.1	29.76	28.4	11.8	16.6
27	C. ericacuellarae	Monteagudo	AM263953	f	JCC1	21339	13-7-90	260	75	40	8	200	41.7	44.87	19.8	10.1	2.7	9.9	28.1	27	10.7	15
Bolivia: Santa Cruz, Rio las Cenegas, 5.5 km NNE of Vallegrande, 18 28' / 64 08', 1800 meters																						
1	C. ericacuellarae	Vallegrande	AM264548	m	JAC2210	22957	5/6/1991	278	69	37	5	252	39.7	44	19.7	10.3	2.4	10.8	29.6	27.4	11.8	16
2	C. ericacuellarae	Vallegrande	AM264549	f	JAC2213	22958	5/6/1991	236	75	35	8	197	38.9	41.6	18.6	9.4	2.7	9.8	28.3	26.6	11.3	15.1
3	C. ericacuellarae	Vallegrande	AM264550	f	JAC2216	23012	5/6/1991	262	78	38	8	162	36.05	41.3	18.9	9.5	2	10	26.4	25	9.8	15.5
4	C. er																					

	Number	6.00	6.00	6.00	6.00	6.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Min	210.00	52.00	33.00	9.00	145.00	42.00	45.22	20.36	10.35	2.75	9.85	31.43	31.10	10.91	15.70	
	Max	308.00	88.00	42.00	13.00	500.00	43.10	46.70	20.83	10.68	2.84	10.30	31.72	31.82	11.02	16.81	
	Mean	268.67	68.33	38.00	10.67	267.50	42.55	45.96	20.60	10.52	2.80	10.08	31.58	31.46	10.97	16.26	
	Variance	1137.22	124.89	10.67	2.22	13647.92	0.30	0.55	0.06	0.03	0.00	0.05	0.02	0.13	0.00	0.31	
	Std.Dev.	36.71	36.71	12.77	3.33	2785.14	17.54	18.87	8.54	4.35	0.92	4.14	12.14	11.87	4.36	6.32	
	Coeff of Var.	CV	0.54	0.54	0.34	0.31	0.41	0.41	0.41	0.41	0.33	0.41	0.38	0.38	0.40	0.39	

C. erikacuellarae data

These were combined with Monteagudo and chuhuaco above -kept C. erikacuellarae separate to insure ease of separate analysis.

		Bolivia: Santa Cruz, Rio las Cienegas, 5.5 km NNE of Vallegrande, 18 28' / 64 08', 1800 meters																				
1	C. erikacuellarae	Vallegrande	AM264548	m	JAC2210	22957	5/6/1991	278	69	37	5	252	39.7	44	19.7	10.3	2.4	10.8	29.6	27.4	11.8	16
2	C. erikacuellarae	Vallegrande	AM264549	f	JAC2213	22958	5/6/1991	236	75	35	8	197	38.9	41.6	18.6	9.4	2.7	9.8	28.3	26.6	11.3	15.1
3	C. erikacuellarae	Vallegrande	AM264550	f	JAC2216	23012	5/6/1991	262	78	38	8	162	38.05	41.3	18.9	9.5	2	10	26.4	25	9.8	15.5
4	C. erikacuellarae	Vallegrande	AM264551	f	MZ116	22956	5/6/1991	275	96	37	7	242	40.3	43.9	20.2	10.2	2.7	9.8	28.8	26.1	10.9	16
5	C. erikacuellarae	Vallegrande	AM264552	m	ECS7	22993	6/6/1991	270	72	39	8	247	42.7	46.4	21	10.3	3.1	10.6	29.6	27.4	11.8	16.4
6	C. erikacuellarae	Vallegrande	AM264553	f	MZ123	22995	6/6/1991	230	73	28	7	182	37.4	40.6	18.2	9.5	2.4	9.6	26.5	26	10.6	14.3
7	C. erikacuellarae	Vallegrande	AM264554	f	MZ127	23016	7/6/1991	275	78	34	7	252	38.8	41.4	19	10.3	2.3	10.6	27.7	27.1	11.5	15.2
8	C. erikacuellarae	Vallegrande	AM264555	f	MZ125	22994	6/6/1991	240	81	34	6	213	37.6	40	17.9	9.7	1.9	9.7	26.5	26.5	10.2	14.6
9	C. erikacuellarae	Vallegrande	AM264556	f	JEW23	23002	6/6/1991	278		35	9	195	39.65	42.38	19.14	9.56	2.36	10.5	28.09	26.51	10.7	15.33
10	C. erikacuellarae	Vallegrande	MSB67103	f	MZ124	22992	6/6/1991	252	80	34	7	255										
11	C. erikacuellarae	Vallegrande	MSB67105	f	JCH212	23013	7/6/1991	258	75	35	8	221	38.72	41.42	18.24	9.39	1.99	10.37	27.53	26.35	10.91	14.69
12	C. erikacuellarae	Vallegrande	MSB67104	f	MZ126	22999	6/6/1991	268	78	36	6	263	39.51	42.37	19.85	10.27	2.35	9.51	28.24	27.28	11.25	15.1
13	C. erikacuellarae	Vallegrande	MSB67362	f	JEW21	22996	6/6/1991	285	25	40	7	251	41.9	44.4	20.8	10.31	2.7	10.7	29.13	26.22	10.74	15.56
14	C. erikacuellarae	Vallegrande	MSB67413	f	JEW22	23000	6/6/1991	289	79	37	7	227										
15	C. erikacuellarae	Vallegrande	MNK1735	m	? FWD792	23015	7/6/1991	291	74	39	7	307	36.8	39.4	16.2	9	1.9	8.8	26.2	25.5	10.4	14.3
16	C. erikacuellarae	Vallegrande	MNK1729	f	FWD793	23014	6/6/1991	276	81	38	6	227	39.8	43.4	18.2	10.4	2.2	9.3	28	26.6	11	15.5
17	C. erikacuellarae	Vallegrande	MNK1734	f	JLD210	23001	6/6/1991	255	77	37	9	173	41.1	45.3	19.4	9.6	2.5	9.4	30.9	28.4	12.5	15.8
18	C. erikacuellarae	Vallegrande	MNK1733	f	LMF55	22991	6/6/1991	254	73	33	6	217	40.1	43.3	19.2	9.4	2	8.8	27.4	27	11.4	15.2
19	C. erikacuellarae	Vallegrande	MNK620	m	JSB452	22955	5/6/1991	292	85	41	6	364	46.3	51.4	23.1	11.4	2.2	9.1	32.3	29	13	18.8
			Number			19.00	18.00	19.00	19.00	19.00	19.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00
			Min			230.00	25.00	28.00	5.00	162.00		36.80	39.40	16.20	1.03	1.90	8.80	26.20	25.00	9.80	14.30	
			Max			292.00	96.00	41.00	9.00	364.00		46.30	51.40	23.10	11.40	3.10	10.80	32.30	29.00	13.00	18.80	
			Mean			266.53	74.94	36.16	7.05	234.05		39.84	43.09	19.27	9.37	2.34	9.85	28.31	26.76	11.16	15.49	
			Variance			324.67	179.94	8.34	1.10	2114.58		4.87	7.63	2.16	4.66	0.10	0.41	2.56	0.90	0.61	1.01	
			Std.Dev.			18.02	13.41	2.89	1.05	45.98		2.21	2.76	1.47	2.16	0.32	0.64	1.60	0.95	0.78	1.00	
			Coeff of Var.			CV	6.76	17.90	7.99	14.89	19.65	5.54	6.41	7.63	23.04	13.86	6.49	5.65	3.55	7.01	6.49	