

Supplementary Material 3. Dental measurements (mm). Abbreviations: AP, anteroposterior length; TD, transverse diameter; TL, total length; W, width. (\*) Provisionally included.

Species	Lower molars									
	Dp4		m1		m2		m3		Dp4-m3	i1
	AP	W	AP	W	AP	W	AP	W	TL	TD
<i>Ameghinomys constans</i>										
MLP 15-391	2.30	1.16	2.10	1.56	2.20	1.56	2.25	1.23	8.80	1.44
MLP 15-391c	2.08	1.24	1.92	1.44						1.51
MACN A 247 (248)	2.23	1.24	2.23	1.84	2.10	1.79				1.70
MACN A 247			1.96	1.52	2.07	1.55				
MACN A 4060	2.29	1.29	2.03	1.71	2.37	1.84	2.05	1.50	8.68	1.40
MACN A 4075	1.93	1.17	1.83	1.45						
PVSJ 1083			2.22	1.90	2.54	2.18				1.70
PVSJ 1047			2.18	1.72	2.25	1.78	2.00	1.67		1.40
<i>Acarechimys pascuali</i>										
MLP 15-391a	2.05	1.34	1.96	1.69	2.14	1.87				1.26
MLP 15-391b			1.98	1.54	2.13	2.00	1.87			1.28
MACN A 4062	1.74	1.10	1.84	1.64	1.90	1.86	1.84	1.64	7.0	
MACN A 4064	1.84	1.02	1.86	1.40	1.92	1.62				
MACN A 4074	1.87	1.10	1.94	1.51						1.20
MACN A 4117	1.86	1.18	1.83	1.63	2.03	1.75				1.20
<i>Acarechimys minutus</i>										
MACN A 238			1.81	1.40	1.80	1.63	1.70	1.31		1.20
MLP 15-410a			1.80	1.52	1.74	1.46	1.52	1.43		
MACN A 4058	1.85	1.05	1.87	1.57						
MACN A 4263	1.84	1.20	1.89	1.68	1.86	1.64				
MACN A 4065(*)			2.00	1.67	1.81	1.63				1.22
<i>Acarechimys pulchelus</i>										
MACN A 52-128	1.90	1.20	1.95	1.50	1.95	1.50	1.70	1.30	7.70	
	Upper molars									
	DP4		M1		M2		M3			
	AP	W	AP	W	AP	W	AP	W		
<i>Ameghinomys constans</i>										
MLP 15-410b			2.06	1.80	2.00	1.80	1.60	1.54		
<i>Acarechimys minutus</i>										
MACN A 4070	1.60	1.60	1.84	1.76	1.84	1.82	1.48	1.62	6.95	

