

SUPPLEMENTARY MATERIAL

SAMPLE	TAXON	OSTEODERM	PIXEL SIZE (μm)	VOLTAGE (kV)	CURRENT (μA)	TIME OF ACQUISITION
UFRJ-DG 317M	<i>Riostegotherium</i>	Movable	6.00	50	115	1h03min
LMH 06	<i>Riostegotherium</i>	Movable	6.38	45	177	55 min
MCN-PV 1777	<i>Riostegotherium</i>	Movable	6.41	50	160	1h37mim
MCN-PV 1779	<i>Riostegotherium</i>	Movable	6.41	50	160	1h38mim
MCT 3932 M	<i>Riostegotherium</i>	Buckler	6.38	45	177	55 min
MCN-PV 1775	<i>Riostegotherium</i>	Buckler	6.41	50	160	1h32mim
LMH 83.2	<i>Dasypus</i>	Movable	7.00	45	177	1h16min
LMH 83.5	<i>Dasypus</i>	Movable	5,99	50	115	1h03min
LMH 83.6	<i>Dasypus</i>	Movable	7,48	45	177	1h16min
LMH 83.1	<i>Dasypus</i>	Buckler	6.70	45	177	1h15min
LMH 83.7	<i>Dasypus</i>	Buckler	6,5	45	177	1h16min
LMH 98.1	<i>Dasypus</i>	Buckler	6.41	45	160	1h17mim
LMH 98.4	<i>Dasypus</i>	Buckler	6.41	50	160	1h15min
LMH 98.5	<i>Dasypus</i>	Buckler	6.41	50	160	1h14mim