Supp. file 1. Measurements in mm of dental specimens of *Ronzotherium*

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Ronzotherium sp.

Locality	Specimen n°	Anatomy	Length	Width	Height
St Martin de Briatexte	NMB-Bx-64a	P2	36.7	50.6	
	NMB-Bx-63	P4	45	68.1	
	NMB-Bx-11	M3	54.3	61.2	

Ronzotherium velaunum

Locality	Specimen n°	Anatomy	Length	Width	Height
Ronzon	PUY.2004.6.1765	p2	(22)	(16.5)	
	Type	p3	32.5	(21)	
		p4	35	26	
		m1	38.5	28	
		m2	46	(24)	
		m3	50	(27.5)	
	PUY.2004.6.1551.RON	P2 ?	>26		
	PUY.2004.6.1767.RON	P3	30.5	42	
	TLM.PAL.2010.0.122	M1	43	49	
	PUY.2004.7.1.RON	d2	26.5/27	(14.5)/14.5	16.5/18
		d3	37/(35)	/18.5	/16
		d4	38/37.5	23.5/22	23/21
		m1	/(44.5)	/29	
	PUY.2004.6.1766	p2	27/	19.5/	22/
		p3	34/31	24/24.5	20/19

		p4	(32)/32	/27	21/
		m1	38	30.5/	
		m2	46	32/	
		m3	>45		
Lagny-Thorigny	MNHN.F.OBP37	P4	40		
	MNHN.F.OBP36	M1/2	52.2		
	MNHN.F.OBP34	M2	60.5		
	MNHN.F.OBP33	M3		56	
	MNHN.F.OBP35	M2	49		
Haag 2		M3	43.3	53	

Ronzotherium elongatum

Locality	**Specimen n°**	**Anatomy**	**Length**	**Width**	**Height**	**Source**
Pernes	FSL 9601	P2	29/27.5	34/35	16/20	
		P3	(33)/			
		P4	(36)/			
		M1	51.5/52	50.5/51.5		
		M2	(49)/57.5	59.5/59.5		
		M3	48.5/48.5	56.5/57		
Kleinblauen	NMB-KB1 & KB5	P3	34.25	46.75		Becker 2009
	NMB-KB2, KB6 & KB63a	P4	37.3	53.6		Becker 2009
	NMB-KB3, KB25 & KB144a	M1	46.8	53.2		Becker 2009
	NMB-KB25 & KB27	M2	54.5	62.25		Becker 2009

	NMB-KB8, KB25 & KB27	M3	47.5	61.7		Becker 2009
	NMB-KB13	m3	52	31.5		Becker 2009

Ronzotherium romani

Locality	Specimen n°	Anatomy	Length	Width	Height	Source
Ferté-Alais	MNHN.F.OBP55	P2	>29.7	37.5		
	MNHN.F.OBP56	P4/3	37.3	50.4		
	MNHN.F.OBP59	M1	47.9	52.8	36.5	
	MNHN.F.OBP61	M2	(50)	(54)		
	MNHN.F.OBP58	M2	>43	60.3		
	MNHN.F.OBP60	M2	52.7	53.7		
	MNHN.F.OBP62	M3	47.4	54.5		
	MNHN.F.OBP86	d1	15	8	11	
	MNHN.F.OBP65	p2	25	15.7		
	MNHN.F.OBP66	p3	34	24.6		
	MNHN.F.OBP67	p3	32.3	25		
	MNHN.F.OBP68	p4	37	26.6	32.5	
	MNHN.F.OBP69	p4	35.1	25.6	28	
	MNHN.F.OBP75	m ?		30		
	MNHN.F.OBP71	m1?	46.4	29		
	MNHN.F.OBP74	m1/2	49.5	31.4		
	MNHN.F.OBP76	m1/2	48.8	32.5	25	
	MNHN.F.OBP78	m1/2	49.3	29.9		
	MNHN.F.OBP70	m1/2		31.5		
	MNHN.F.OBP77	m3?	55	33.1		
	MNHN.F.OBP73	m3?	50.8	31.6		
	MNHN.F.OBP72	m3?	49	30	31	
	MNHN.F.OBP79	m3?	47.8	30.9		

Bénissons-Dieu	FSL-183v	d1	17.8	8.6		
		d3	31.6	16.9		
		d4	28.1	17.8		
Itteville	MNHN.F.OBP.195	D2	>27.7	30.3		
	MNHN.F.OBP.196	D3	37.8	39.3		
	MNHN.F.OBP.198	D4	42.6	44.2	26.4	
	MNHN.F.OBP.199	P2		39.6		
	MNHN.F.OBP.200	P3	32.7	42.1		
	MNHN.F.OBP.210	M3	44			
	MNHN.F.OBP.192	m1	40	30.4		
		m2	44.3	30.7		
		m3	43.9	28.5		
	MNHN.F.OBP.194	p2	25.2			
Poillat	MJSN-POI-007-3219	P1	25.6	23		
		P2	29.2	37.8		
		P3	32.1	50		
		P4	32.2	49.4		
		M1	44.8	53.5		
		M2	50	60.1		
		M3	40.1	57.8		
	MJSN-POI-007-346	P4	34.3	49.3		
	MJSN-POI-007-174	d1	13	9.2		
		d2	24.2	14.2		
		d3	33.4	20.3		
		d4	33.6	24.7		

		m1	39.1	29.2		
		m2	>42.5			
	MJSN-POI-007-211	p4	31.3	26.5		
Gaimersheim						see Heissig 1969
« Marseille »						See Ménouret & Guérin 2009
Rickenbach	NMB-UM971	D3/4	35.65	38.8		
	NMB-Ri24	P2	31	42.2		
	NMO-H9/13	P4	35.98	52.19		
	NMB-UM1840	P4	38.7	50.8		
		M1	49.5	53.2		
	NMB-UM972	M1	49			
	NMO-K11/250	M1	48.72	53.48		
	NMO-I12/13	M1	47.37	53.49		
	NMO-I12/24	M2	52.13	59.45		
	NMB-Ri27	M2	54	57.7		
	SMNS	M2	(55.1)	(58.4)		
		M3	44.3	55.3	36.4	
	NMB-UM3832	p2	23.35/24	15.7/16.85	22.2/24.3	
		p3	30.5/30.3	18.9/20.6	26/27.4	
		p4	30.75/32.45	24.5/24.1		
		m1	39.5/39.2	29.6/30.15		
		m2	49.5/46.1	32.4/31.1		

		m3	52.7/50.5	34.25/32.3		
	NMB-H.R.2	p3	>25	21.8	>22	
	NMO-L6/25	p4	34.3	23.8	31.5	
	NMB-UM806	m1	41.4	29.5		

Ronzotherium heissigi

Locality	Specimen n°	Anatomy	Length	Width	Height	Source
Vendèze	MNHN.F.LIM181	P2	26.5/29	34/35		Heissig 1969
		P3	30.5/30.5	47.5/47		Heissig 1969
		P4	34/33.5	55/57.5		Heissig 1969
		M1	45/45.5	58/59.5		Heissig 1969
		M2	50.5/50	64/64.5		Heissig 1969
		M3	47/47	58.5/64.5		Heissig 1969
		p2	25.5	15		Heissig 1969
		p3	28/28.5	20.5/20.5		Heissig 1969
		p4	35/36	28/28		Heissig 1969
		m1	(42)	34.5		Heissig 1969
		m2	49.5/47.5	35/35		Heissig 1969

		m3	48/48.5	33/34.5		Heissig 1969
Bumbach	NMB-UM-463	P1		21		
	NMB–UM-126a	P2	29	38.5		
	NMBE–5035821	P2	30.5	38		
	NMBE–5035822	P3	37	45		
	MGL–4264	P3	33	47.5		
	MGL–5265	P4	(32)	51		
	MGL–5266	P4	38	55.0		
	NMBE–5035823	M2	57	58		
	NMB-UM-6132	p2	23.6/	16/		
		p3	/31.8	/22		
		p4	/36.6	/27.1		
		m1	/41.5	/29.7		
		m2	52.2/52.2	33/32.7		
		m3	56.6/55	33.5/31.3		
	MGL–5275	d2	(20)	15.5		
	NMB–UM-13	d4	41	24.5	24.5	
	NMBE–5035824	p2	(24.5)	16		
	MGL–5274	p3	34	23.5		
	NMBE–5035825	p3	33.5	22.5		
		p4	37.5	26.5		
	NMBE–5035826	p4	37	26.5		
	NMBE–5035827	p4	39	28		
	NMB–UM-6133	p4	37	28.5		
	NMB–UM-806	m1	42	31.5		

	NMBE–5035828	m1	42.5	32.5	34.5	
	NMB–6278	m2		34.5		
	NMBE–5035829	m2		32.5		
	NMBE–5035830	m2	48	29	37.5	
	NMBE–5035831	m2	51	31.5		
	NMBE–5035832	m3		30		

Ronzotherium filholi

Locality	**Specimen n°**	**Anatomy**	**Length**	**Width**	**Height**
Quercy	MNHN.F.QU7232	P2	27.6/26.9	33.9/33.9	
	Type	P3	29/29.1	40/39.5	
		P4	35.1/34.7	44.5/46.3	29.1/29.8
		M1	44.9/43.7	42.6/43.1	
		M2	51.4/50.9	50.6/49.1	
		M3	43.8/43.9	48.4/48.8	32.6/34.2
	MNHN.F.QU7202	p3	30.6	24.7	27.6
	« Cotype »	p4	34.8	26.4	29.7
		m1	39	28.4	
		m2	46.1	30.8	29.4
		m3	47.1	28.5	31.4
	MNHN.F.QU7201	p4	35.5	27.3	30.1
	« Cotype »	m1	39.5	28	
		m2	47.8	30.7	26.7
		m3	48.1	28.5	31.5
	MNHN.F.QU16422	P1	23.6	?	

	MNHN.F.QU16445	P1	24.5	23.5	
		P2	28.8	37.5	
	MNHN.F.QU17164	P2	29.4	41	
	MNHN.F.QU17165	P2	27	37.6	
	MNHN.F.QU16439	P2	30.2	35.5	
	MNHN.F.QU16438	P2	32	38.5	
	MNHN.F.QU16436	P2	28.7	36.2	
	MNHN.F.QU16574	P2	25.9	34.6	
	MNHN.F.QU17166	P2	26.5	32.7	
	MNHN.F.QU17161	P3	29	40.7	
	2003-1	P3	30	41.6	
	MNHN.F.QU7213	P3	29.3	40.4	
	MNHN.F.QU17169	P3/4	33.2	46.1	
	MNHN.F.QU17170	P3/4	37.7	51.1	
	MNHN.F.QU17160	P3/4	30.6	?	
	MNHN.F.QU17163	P3/4	32.1	44.8	
	MNHN.F.QU17162	P3/4	33.4	47.4	
	MNHN.F.QU17168	P3/4	34.4	?	
	MNHN.F.QU17167	P3/4	32.1	?	
	MNHN.F.QU16442	P3/4	33	44.7	
	MNHN.F.QU16441	P3/4	34.2	50.1	
	MNHN.F.QU16437	P3/4	31.6	44.1	
	MNHN.F.QU16454	P3/4	33.2	46.5	
	MNHN.F.QU7248	P3?	35.6	44.1	
	MNHN.F.QU7214	P4	30	44.5	

	MNHN.F.QU16447	M	53.3	53.3	
	MNHN.F.QU16446	M	51.8	56.1	
	MNHN.F.QU17177	M	45.7	48.5	
	MNHN.F.QU17178	M1/2	57.3	56.8	
	MNHN.F.QU17184	M2	51	61	
		M3	49.5	57.8	
	MNHN.F.QU7245	M2	44.5	49.5	
		M3	41.2	47.5	
	MNHN.F.QU17179	M3	45.7	48	
	MNHN.F.QU16448	M3	49.5	56.5	
	MNHN.F.QU16404	m2	44.2	32.2	
		m3	45.2	32.5	
	MNHN.F.QU16405	m1	36.4	26.4	
		m2	42.5	28.5	
		m3	44.5	27.7	
	MNHN.F.QU17193	m1	42.6	32.2	
		m2	49.9	32.1	
		m3	47.7	32.9	
	MNHN.F.QU17172	p2	27	18.2	
	MNHN.F.QU16425	p2	26.6	17.2	
	MNHN.F.QU16427	p3/4	32.8	26.3	
	MNHN.F.QU16428	p3/4	29.4	22	
	MNHN.F.QU16417	p3/4	31.5	23.7	
	MNHN.F.QU17176	p or m	38	31	
	MNHN.F.QU17173	p or m	38	29.7	

	MNHN.F.QU17174	p or m	34.5	29.6	
	MNHN.F.QU16409	m	48.5	30.3	
	MNHN.F.QU16407	m	55.8	41	
	MNHN.F.QU17175	m	36.4	25.6	
	2003-1	m	39.5	27.1	
	MNHN.F.QU7250	m	50.7	31.3	
	MNHN.F.QU16416	m	51	31.1	
	MNHN.F.QU16415	m?	37.8	23.6	
	MNHN.F.QU16406	m2?	45.3	32.5	
Möhren 4	BSPG-1966-XXXIII-47	M1	>41.8	>48.5	
Möhren 7	BSPG-1969-XXIV-151	P1	21.8		
	BSPG-1969-XXIV-150	P2	28.2	37	21.2
	BSPG-1969-XXIV-151	p3	31.5		
	BSPG-1969-XXIV-71	p4		24.4	
	BSPG-1969-XXIV-152	m1		27.7	
Grafenmühle 18	BSPG-1989-I	P2	27.7	37.5	23.3
Bournoncle	MNHN.LIM5	p2	24.2	18	27
		p3	28.9	22.7	29.3
		p4	33.4	25.6	30.8
		m1	39.3	25.6	
		m2	43.6	28.9	28.5