

A late Pleistocene skeleton of *Rhinoceros unicornis* (Mammalia, Rhinocerotidae) from western part of Thailand (Kanchanaburi Province)

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Supplementary materials

Figure S1. Photographs taken during the excavation process, showing the gravels bed and muddy sediment embedding the well preserved rhinoceros skeleton.

Figure S2. Comparisons of the ectoloph profiles of the upper M1 and M2 of *Rhinoceros unicornis* from Kanchanaburi and extant *R. unicornis* and *R. sondaicus* (Guérin, 1980).

Table S1. Measurements of the phalanges (in mm) of the *Rhinoceros unicornis* from Kanchanaburi.

Table S2. Measurements of the mandible (in mm) of *Rhinoceros unicornis* from Kanchanaburi, compared with extant Asiatic specimens of *Rhinoceros* (Guérin, 1980).

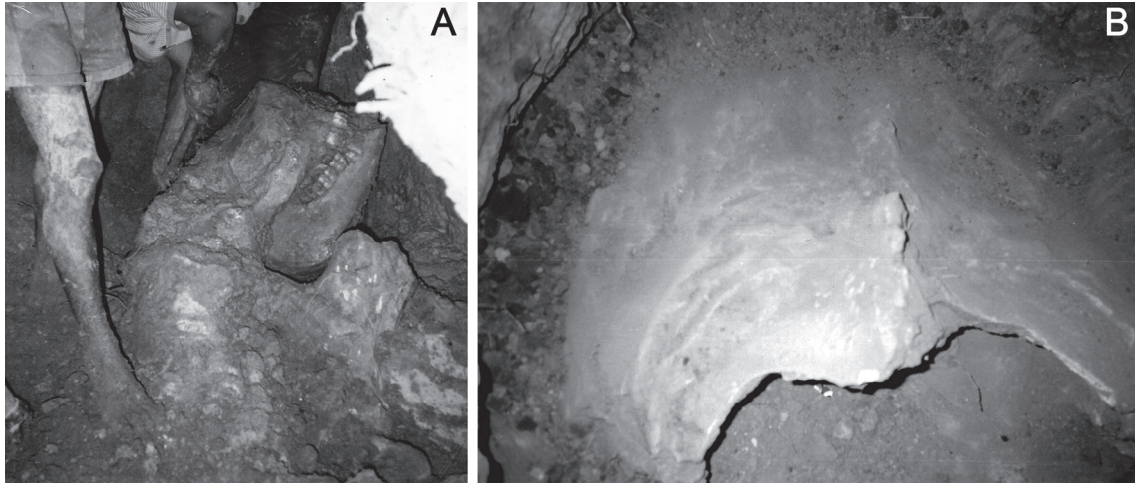


Figure S1. Pictures taken during the excavation process, showing the gravels bed and muddy sediment embedding the well preserved rhinoceros skeleton. **A.** View of the skull. **B.** View of the rib cages (Photographs taken by Varavudh Suteethorn).

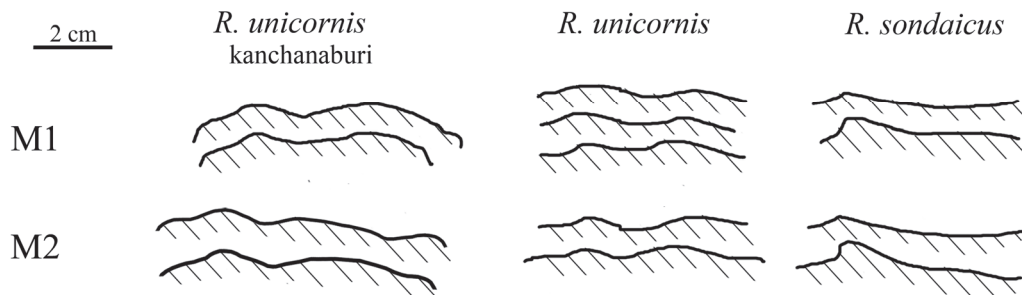


Figure S2. Comparisons of the ectoloph profiles of the upper M1 and M2 of *Rhinoceros unicornis* from Kanchanaburi and extant *R. unicornis* and *R. sondaicus* (Guérin, 1980). The profiles are taken at 25 mm from the neck of the crown.

Table S1. Measurements of the phalanges (in mm) of the *Rhinoceros unicornis* from Kanchanaburi. **DT:** Transverse diameter, **DAP:** Antero posterior diameter, **p:** proximal, **dia:** diaphysis, **d:** distal.

Phalanges I	Digit II	Anterior		Posterior		Digit III	Anterior		Posterior		Digit IV	Anterior		Posterior	
		left	right	left	right		left	right	left	right		left	right		
	DTp	47	46	43.5	43	DTp	44	43.5		46	DTp	45	48	46	
	DAPp	47	45	41.5	41	DAPp	68	67		63	DAPp	43.5	43	42	
	DTdia.	47	47	43.2	42	DTdia.	23	22		25	DTdia.	48	48	45	
	DAPdia.	31	31	29.5	30.5	DAPdia.	63	63		56	DAPdia.	30	30	28	
	DTd	48	44	40	43	DTd	32	31		31	DTd	46	47	40.5	
	DAPd	34	34	31.5	32	DAPd	61.5	ca 64		57.5	DAPd	33	32	30	
	Length	63	62	59	57	Length	57	57		62	Length	59	58	59	
Phalanges II	Digit II	left	right	left	right	Digit III	left	right	left	right	Digit IV	left	right	left	right
	DTp	44	41			DTp	65	64		63	DTp	47	46		
	DAPp	32	31			DAPp	32	-		29.7	DAPp	31.5	31		
	DTdia.	46	46.5			DTdia.	72	67		69	DTdia.	44	46		
	DAPdia.	29	28			DAPdia.	27	25		25	DAPdia.	28.5	27		
	DTd	41	-			DTd	60	60		61	DTd	38	41		
	DAPd	35	-			DAPd	26	25		25	DAPd	32	31		
Length	42	-			Length	40	42		41	Length	42	42			
Phalanges III	Digit II	left	right	left	right	Digit III	left	right	left	right	Digit IV	left	right	left	right
	Length	77	-	75		Length					Length	75		74.5	
	Width	27	27	30		Width					Width	33		28	
	Height	38.5	41	36		Height					Height	35		33	

Table S2. Measurements of the mandible (in mm) of *Rhinoceros unicornis* from Kanchanaburi, compared with extant Asiatic specimens of *Rhinoceros* (Guérin, 1980).

	Kanchanaburi	Extant		
	<i>R. unicornis</i>	<i>R. unicornis</i>	<i>R. sondaicus</i>	<i>D. sumatrensis</i>
Length	570	526-600	467-518	408-460
Distance between symphysis and angular process	420	399-475	370-403	320-362
Height of horizontal ramus in front of p3	79.5-80.5	69.5-95	56-83	49.5-65
Height of horizontal ramus in front of p4	88.5-91.5	73-92.5	57-85	54-68.5
Height of horizontal ramus in front of m1	97-97.5	74.5-99	58-81.5	55-72
Height of horizontal ramus in front of m2	92-95.5	81.5-101	57-83	61-80
Height of horizontal ramus in front of m3	95-95.5	70-106	64-87.5	59-81
Width of the ramus in front of m1	>50-55	44-56	38-47	32-42
Width of the ramus in front of m3	49.5-51.5	49.5-62	40.5-53.5	37.5-45
Length of symphysis	144	138.5-174	105-135	97-119
Transverse diameter of condyle	119.5-120.5	120-143	110-133.5	77-93
Height at condyle	285-290	277-309	208-247	171-213