

**Supplemental Table 1.** Measurements (in mm) of IVPP V15709. \*, estimated measurement; \*\*, measurement based on the preserved portion only; ?, measurement could not be taken due to damage; x, element not preserved; %, the combined length of manual phalanges IV-1 and IV-2 could not have exceeded 10mm.

Element	Measurement	Value (mm)	
		Left	Right
Tibia	Length	123.3	X
	Proximal mediolateral width	4.6**	X
	Proximal anteroposterior breadth	14.9**	X
	Distal mediolateral width	13.5**	X
	Distal anteroposterior breadth	7.8	X
	Midshaft mediolateral width	6.1	X
	Midshaft anteroposterior breadth	5.7	X
Metatarsal I	Length	8.7	6.8
	Proximal mediolateral width	?	?
	Proximal anteroposterior breadth	?	?
	Distal mediolateral width	2.3	2.6
	Distal anteroposterior breadth	3.4	3.1
	Midshaft mediolateral width	2.0	1.9
	Midshaft anteroposterior breadth	2.5	2.3
Metatarsal II	Length	67.7**	?
	Proximal mediolateral width	?	?
	Proximal anteroposterior breadth	?	?
	Distal mediolateral width	6.5	5.9
	Distal anteroposterior breadth	6.1	5.9
	Midshaft mediolateral width	4.5	3.9
	Midshaft anteroposterior breadth	2.8	3.7
Metatarsal		71.1**	?
III	Length		
	Proximal mediolateral width	?	?
	Proximal anteroposterior breadth	?	?

	Distal mediolateral width	5.7	6.0
	Distal anteroposterior breadth	5.4	5.3
	Midshaft mediolateral width	2.9	?
	Midshaft anteroposterior breadth	?	?
Metatarsal		67.3**	?
IV	Length		
	Proximal mediolateral width	?	?
	Proximal anteroposterior breadth	?	?
	Distal mediolateral width	4.1	4.1
	Distal anteroposterior breadth	5.6	5.5
	Midshaft mediolateral width	3.3	?
	Midshaft anteroposterior breadth	4.0	?
Pedal		9.2	10.9
phalanx I-1	Length		
	Proximal mediolateral width	3.8	3.0
	Proximal anteroposterior breadth	2.7	2.4
	Distal mediolateral width	2.6	2.1
	Distal anteroposterior breadth	2.6	2.5
	Midshaft mediolateral width	2.1	2.0
	Midshaft anteroposterior breadth	1.8	1.9
Pedal		6.4	?
phalanx I-2	Maximum length		
	Proximal mediolateral width	1.7	?
	Proximal anteroposterior breadth	3.2	?
Pedal		16	17.1
phalanx II-1	length		
	Proximal mediolateral width	5.5	5.7
	Proximal anteroposterior breadth	6.0	5.5
	Distal mediolateral width	5.0	5.0
	Distal anteroposterior breadth	4.8	5.0
	Midshaft mediolateral width	3.3	3.6

	Midshaft anteroposterior breadth	3.3	3.3
Pedal		14.7	15.5
phalanx II-2	length		
	Proximal mediolateral width	5.0	4.8
	Proximal anteroposterior breadth	6.3	5.0*
	Distal mediolateral width	4.7	4.2
	Distal anteroposterior breadth	6.4	5.1
	Midshaft mediolateral width	3.9	2.9
	Midshaft anteroposterior breadth	4.0	3.3
Pedal		15.5	?
phalanx II-3	Maximum length		
	Proximal mediolateral width	3.9	2.9
	Proximal anteroposterior breadth	7.8	6.6
Pedal		19	17.8
phalanx III-1	Length		
	Proximal mediolateral width	6.5	6.1
	Proximal anteroposterior breadth	6.0	5.1
	Distal mediolateral width	4.7	4.7
	Distal anteroposterior breadth	4.1	4.1
	Midshaft mediolateral width	3.3	3.2
	Midshaft anteroposterior breadth	2.5	2.7
Pedal		14.2	14.4
phalanx III-2	Length		
	Proximal mediolateral width	4.7	5
	Proximal anteroposterior breadth	5.1	4.6
	Distal mediolateral width	3.7	4.1
	Distal anteroposterior breadth	3.5	3.6
	Midshaft mediolateral width	2.6	2.7
	Midshaft anteroposterior breadth	2.3	2.7

Pedal		13.4	?
phalanx III-			
3	Length		
	Proximal mediolateral width	?	?
	Proximal anteroposterior breadth	?	?
	Distal mediolateral width	?	?
	Distal anteroposterior breadth	?	?
	Midshaft mediolateral width	?	?
	Midshaft anteroposterior breadth	?	?
Pedal		6.9**	?
phalanx III-			
4	Length		
	Proximal mediolateral width	?	2.8
	Proximal anteroposterior breadth	?	4.7
Pedal		12.5**	12.7
phalanx IV-			
1	Length		
	Proximal mediolateral width	4.7	4.8
	Proximal anteroposterior breadth	5.0	4.8
	Distal mediolateral width	4.9	4.9
	Distal anteroposterior breadth	4.2	3.8
	Midshaft mediolateral width	?	3.2
	Midshaft anteroposterior breadth	?	2.9
Pedal		10.7	10.6
phalanx IV-			
2	Length		
	Proximal mediolateral width	4.8	4.7
	Proximal anteroposterior breadth	4.1	4.3
	Distal mediolateral width	4.1	4.2
	Distal anteroposterior breadth	3.7	3.8
	Midshaft mediolateral width	3.0	3.1

	Midshaft anteroposterior breadth	2.4	2.5
Pedal		11.9**	9.4
phalanx IV-			
3	Length		
	Proximal mediolateral width	3.9	3.9
	Proximal anteroposterior breadth	3.7	3.8
	Distal mediolateral width	?	3.4
	Distal anteroposterior breadth	?	3.4
	Midshaft mediolateral width	?	2.8
	Midshaft anteroposterior breadth	?	2.1
Pedal		?	6.9
phalanx IV-			
4	Length		
	Proximal mediolateral width	?	3.0
	Proximal anteroposterior breadth	?	3.7
	Distal mediolateral width	?	3.9
	Distal anteroposterior breadth	?	3.4
	Midshaft mediolateral width	?	?
	Midshaft anteroposterior breadth	?	?
Pubic boot	Length	26.2**	
	Mediolateral width at ventral margin	6.7	
	Mediolateral width at junction with pubic shafts	4.7	
Ulna	length	36.6**	X
	Proximal mediolateral width	1.8**	X
	Proximal anteroposterior breadth	5.1**	X
	Distal mediolateral width	3.4	X
	Distal anteroposterior breadth	4.8	X
	Midshaft mediolateral width	2.8	X
	Midshaft anteroposterior breadth	3.7	X
Radiale	Mediolateral width	3.7**	X

	Dorsoventral height	3.4	X
mediolateral width	4.86	X	
	Dorsoventral height	4.34	X
			X
Mc II	Length	9.0**	X
	Proximal mediolateral width	5.0**	X
	Proximal anteroposterior breadth	5.1	X
	Distal mediolateral width	4.9	X
	Distal anteroposterior breadth	4.9	X
	Midshaft mediolateral width	3.6	X
	Midshaft anteroposterior breadth	3.4	X
Mc III	Length	21.9	X
	Proximal mediolateral width	2.7	X
	Proximal anteroposterior breadth	?	X
	Distal mediolateral width	2.9	X
	Distal anteroposterior breadth	?	X
	Midshaft mediolateral width	2.0	X
	Midshaft anteroposterior breadth	?	X
Mc IV	Length	19.9*/15.9**	X
	Proximal mediolateral width	?	X
	Proximal anteroposterior breadth	?	X
	Distal mediolateral width	1.1	x
	Distal anteroposterior breadth	?	x
	Midshaft mediolateral width	0.7	x
	Midshaft anteroposterior breadth	?	x
Manual		21.5	x
phalanx II-1	Length		
	Proximal mediolateral width	5.2	x
	Proximal anteroposterior breadth	6.3	x
	Distal mediolateral width	3.8	x
	Distal anteroposterior breadth	5.4	x

	Midshaft mediolateral width	3.9	x
	Midshaft anteroposterior breadth	3.4	x
Manual		19.2	X
phalanx II-2	Maximum length		
	Proximal mediolateral width	3.8	X
	Proximal anteroposterior breadth	6.2	X
Manual		13.4	X
phalanx III-1	Length		
	Proximal mediolateral width	2.7	X
	Proximal anteroposterior breadth	?	X
	Distal mediolateral width	3.1	X
	Distal anteroposterior breadth	4.4	X
	Midshaft mediolateral width	1.8	X
	Midshaft anteroposterior breadth	?	X
Manual		22.0	X
phalanx III-2	Length		
	Proximal mediolateral width	2.5	x
	Proximal anteroposterior breadth	6.1	X
	Distal mediolateral width	3.1	X
	Distal anteroposterior breadth	4.3	X
	Midshaft mediolateral width	1.3**	X
	Midshaft anteroposterior breadth	3.2	X
Manual		15*/13.5**	X
phalanx III-3	Maximum Length		
	Proximal mediolateral width	2.2	X
	Proximal anteroposterior breadth	5.1	X
Manual		%	X
phalanx IV-	Length		

1			
Manual		%	X
phalanx IV-			
2	Length		
Manual		15	X
phalanx IV-			
3	Length		
	Proximal mediolateral width	?	X
	Proximal anteroposterior breadth	?	X
	Distal mediolateral width	?	X
	Distal anteroposterior breadth	?	X
	Midshaft mediolateral width	?	X
	Midshaft anteroposterior breadth	2.0	X
Manual		4.9**	X
phalanx IV-			
4	Length		
	Proximal mediolateral width	?	x
	Proximal anteroposterior breadth	3.4	x
Cervical		14.0	x
vertebra	Length		
	height	4.0	x
	width	6.0	x
Dorsal		10.0	x
vertebra	Length		
	height	6.0	x
	width	8.0	X