

Supplementary Table 1. Hominid fossils

Specimen Number	Element	Date	Discoverer	Dental Metrics
ARA-VP-14	1 R. and L. Maxilla with teeth	11/13/94	Alemayehu Asfaw	LUI2 BL (7.0); RUM1 MD 10.5(11.1), BL 12.7; RUM2 MD 11.0(11.8), BL 13.9; RUM3 MD (12.6); LUM3 MD 12.5(12.7), BL 14.1
ASI-VP-	2 1 Second metatarsal shaft	12/15/00	Group (KK)	
ASI-VP-	2 2 Upper dentition	12/15/00	Group (AS)	
	A L. UI1 mesial fragment			
	B R. UI1			BL (8.7)
	C R. UC			MD 11.2(11.5), BL 10.9, MxOB 11.8, MxPP 10.1
	E R. UM1 buccal half			MD 11.7(12.0)
	F L. UM2			MD 12.6(12.8), BL 14.9
	D L. UC			MxOB 11.7
ASI-VP-	2 3 L. LC root	12/17/00	Group	MxOB(10.3)
ASI-VP-	2 5 L. LM1 fragment (Distal crown third)	12/17/00	Berhane Asfaw	
ASI-VP-	2 6 Intermediate hand phalanx	12/18/00	Group (AS)	
ASI-VP-	2 7 R. LM fragment (mesial quadrant)	12/18/00	Leslea Hlusko	
ASI-VP-	2 214 AXI fragment	12/00	Group	
ASI-VP-	2 215 Proximal foot phalanx (Distal quadrant, split)	12/15/00	Group	
ASI-VP-	2 216 L.UI1 fragment (sliver of distal lingual base)	12/15/00	Group	
ASI-VP-	2 220 VER fragment (cervical; atlas)	12/00	Group	
ASI-VP-	2 223 R. VER fragment (thoracic)	12/00	Group	
ASI-VP-	2 224 VER fragment (lower cervical or upper thoracic)	Dec-00	Group	
ASI-VP-	2 277 Cranial fragment	12/08/02	Group	
ASI-VP-	2 334 R. + L. U C's, R. UP4-M1	12/08/02	Kampiro Kairento	
	A R. UC			MD 12.3, BL 11.8, MxOB 12.4, MxPP 10.8
	B L. UC mesiobuccal fragment			MD 9.9, mxMD(buccal) 9.5, BL 14.1, MxBL 14.2
	C R. UP3			MD 10.2, BL 14.3
	D R. UP4			MD 12.0(12.1), BL 14.1(14.2)
	E R. UM1			MD 14.1(14.3), BL 16.7
	F R. UM2			MD 13.5(13.6), BL 16.1
	G R. UM3			
ASI-VP-	2 335 R. UM3	12/08/02	Wagano Amerga	
ASI-VP-	2 336 L. UP4 (distobuccal fragment)	01/03/04	Alemayehu Asfaw	
ASI-VP-	2 367 R. UC	12/10/05	Ferhat Kaya	MD 10.2 (10.0), BL 9.3 (9.1), MxOB 10.5 (10.3), MxPP 8.8 (8.6)
ASI-VP-	5 1 R. LM3	12/23/02	Yohannes Haile-Selassie	MD 15.4(15.6), BL 13.8
ASI-VP-	5 146 L. LM2 or 3 (mesiobuccal fragment)	12/24/02	Giday WoldeGabriel	
ASI-VP-	5 147 R. LM2 or 3 (mesiobuccal fragment with anterior fovea, pd and part. hd)	12/26/02	Cesur Pehlevan	
ASI-VP-	5 148 LUM (mesiolingual fragment)	12/26/02	Cesur Pehlevan	
ASI-VP-	5 151 L. LM2 (or 1) fragment	12/26/02	Kampiro Kairento	
ASI-VP-	5 152 Cranial fragment (? Parietal)	12/24/02	Cesur Pehlevan	
ASI-VP-	5 154 R. Femur shaft	12/26/02	Tim White	
ASI-VP-	5 160 R. UI2	01/03/04	Yohannes Haile-Selassie	MD (5.8), BL 6.0
ASI-VP-	5 166 L. Udm1 (distal half, with metacone, hypocone, portion of protocone)	01/03/04	Group	
ASI-VP-	5 182 L. UM2 or 3 (distal half)	12/20/05	Kampiro Kairento	
ASI-VP-	5 186 L. LM3	12/20/05	Kampiro Kairento	MD (14.2), BL 13.4
ASI-VP-	5 188 M or P fragment	12/23/05	Endris Mekonnen	
ASI-VP-	5 189 Edentulous anterior mandibular fragment (bicanine)	12/23/05	Endris Mekonnen	
HAN-VP-	1 12 U. tooth fragments	12/12/02	Kamoya Kimeu	
	A R. UI1 (distolabial fragment)			
	B L. UM2 (hypocone fragment)			
	C L. UM (mesiolingual fragment)			