

Supplement A from Migliano and Guillon, “The Effects of Mortality, Subsistence, and Ecology on Human Adult Height and Implications for *Homo* Evolution”
(Current Anthropology, vol. 53, no. S6, p. S359)

Table A1. Data used for analyses and references

Population	Region	Principal environment	Principal subsistence	Average stature (cm)	Relative height at age 10 (%)	e_0 (birth; years and months)	e_{15} (years and months)	I_{15} (%)	Diet composition (%)	Age at menarche (years and months)	Source
Ache female	Paraguay	Forest	Hunter-gatherer	150		37.1	43.3	61	Gathering: 30; hunting: 62	15.3	Hill et al. 1984
Ache male	Paraguay	Forest	Hunter-gatherer	161		37.8	36.8	71	Gathering: 30; hunting: 62		Hill et al. 1984
Aeta female	Philippines	Forest	Hunter-gatherer	140	87	16.6	27.3	33		13.8	Migliano 2005
Aeta male	Philippines	Forest	Hunter-gatherer	150	81			33			Migliano 2005
Agta (Isabela) female	Philippines	Forest	Hunter-gatherer	145					Gathering: 35; hunting: 20		Wastl 1957
Agta (Isabela) male	Philippines	Forest	Hunter-gatherer	153					Gathering: 35; hunting: 20		Wastl 1957
Agta Casiguran female	Philippines	Forest	Hunter-gatherer	145.7		24.3	30.6	51		17.1	Headland 1986
Agta Casiguran male	Philippines	Forest	Hunter-gatherer	152							Headland 1986
Agta Cagayan female	Philippines	Forest	Hunter-gatherer	142.5							Vanoverbergh 1925
Agta Cagayan male	Philippines	Forest	Hunter-gatherer	151							Vanoverbergh 1925
Ainu female	Japan, Russia, Siberia	Forest	Hunter-gatherer	148.2					Gathering: 10; hunting: 15		Landor 1893; Svensson 1999
Ainu male	Japan, Russia, Siberia	Forest	Hunter-gatherer	158.1					Gathering: 10; hunting: 15		Landor 1893; Svensson 1999
Aka female	Central African Republic	Forest	Hunter-gatherer	145.1				55	Gathering: 79.5; hunting: 20		Cavalli-Sforza 1986
Aka male	Central African Republic	Forest	Hunter-gatherer	148.6					Gathering: 79.5; hunting: 20		Cavalli-Sforza 1986
Alyawara male	Australia	Desert	Hunter-gatherer	166.1					Gathering: 65; hunting: 35		Campbell, Grayet, and Hackett 1936; O'Connell and Hawkes 1984
Awin female	Papua New Guinea	Forest	Horticulturalist	147.1							Hyndman, Stanley, and Lourie 1989
Awin male	Papua New Guinea	Forest	Horticulturalist	158.4							Hyndman, Stanley, and Lourie 1989
Aynara female	Chile, Bolivia	High altitude	Agriculturalist	149.2						14.1	Mueller 1980
Aynara male	Chile, Bolivia	High altitude	Agriculturalist	162.9							Mueller 1980
Baka female	Cameroon, Gabon	Forest	Hunter-gatherer	144.1	92					14.5	Hiernaux, Rudan, and Brambati 1975

Baka male	Cameroon, Gabon	Forest	Hunter-gatherer	152.6	83				Hiernaux, Rudan, and Brambati 1975
Banbara female	Mali	Savanna	Agriculturalist	160.4					Dettwyler 1992
Banbara male	Mali	Savanna	Agriculturalist	171.3					Dettwyler 1992
Batak female	Philippines	Forest	Hunter-gatherer	144	80	24.2	29.5	51	Migliano 2005
Batak male	Philippines	Forest	Hunter-gatherer	154					Migliano 2005
Bisman Asmat female	Indonesia	Forest	Hunter-gatherer	157		24.8	27	50	Koenjaraningrat 1989
Bisman Asmat male	Indonesia	Forest	Hunter-gatherer	162					Koenjaraningrat 1989
Boazi female	Papua New Guinea	Savanna	Hunter-gatherer	155.6					Hyndman, Stanley, and Lourie 1989
Boazi male	Papua New Guinea	Savanna	Hunter-gatherer	166.8					Hyndman, Stanley, and Lourie 1989
Bods of Ladakh male	India	High altitude	Agriculturalist	167.8					Malik and Singh 1978
Bundi female	Papua New Guinea	Forest	Horticulturalist	147.9				18	Zemel and Jenkins 1989
Bundi male	Papua New Guinea	Forest	Horticulturalist	156.5					Zemel and Jenkins 1989
Chenchu male	India	Forest	Hunter-gatherer	163	51			Gathering: 85; hunting: 10	Furer-Haimendorf 1943
Chimbu female	Papua New Guinea	Forest	Horticulturalist	149.3				17.6	Malcolm 1969
Chimbu male	Papua New Guinea	Forest	Horticulturalist	157.4					Malcolm 1969
Datoga female	Tanzania	Pastoralist	Savanna	158	67				Borgerhoff Mulder 1992; Sellen 2000
Dorobo female	Kenya, Tanzania	Forest	Hunter-gatherer	158.7					Wayland 1931
Dorobo male	Kenya, Tanzania	Forest	Hunter-gatherer	169.4					Wayland 1931
Efe female	Democratic Republic of Congo	Forest	Hunter-gatherer	136.3				15.6	Bailey and Peacock 1988
Efe male	Democratic Republic of Congo	Forest	Hunter-gatherer	145.3					Bailey and Peacock 1988
Fulani female	Western Africa	Savanna	Pastoralist	160.2					Glew et al. 2010; Stenning 1959
Fulani male	Western Africa	Savanna	Pastoralist	167					Glew et al. 2010; Stenning 1959
Gaij and Asai female	New Guinea	Forest	Horticulturalist	142	69	29	29.7	18.4	Long et al. 1986; CHLHS
Gaij and Asai male	New Guinea	Forest	Horticulturalist	150	75	32.4	29.6		Long et al. 1986; CHLHS
Gambian Villages female	Gambia	Forest	Agriculturalist	158		33	47		Allal et al. 2004; CHLHS
Gambian Villages male	Gambia	Forest	Agriculturalist	168		35	46		Allal et al. 2004; CHLHS
Gidra female	Papua New Guinea	Savanna	Hunter-gatherer	154.6					Hyndman, Stanley, and Lourie 1989
Gidra male	Papua New Guinea	Savanna	Hunter-gatherer	165.2					Hyndman, Stanley, and Lourie 1989
West Greenland Inuit female	Greenland	Tundra	Hunter-gatherer	152	55				Hamilton, Lyster, and Otterstad 2000; Hansen 1914; CHLHS

West Greenland Inuit male	Greenland	Tundra	Hunter-gatherer	162
Guaja female	Brazil	Forest	Hunter-gatherer	144
Guaja male	Brazil	Forest	Hunter-gatherer	159
Hadza female	Tanzania	Savanna	Hunter-gatherer	150
Hadza male	Tanzania	Savanna	Hunter-gatherer	160
Hiwi female	Venezuela	Savanna	Hunter-gatherer	145
Hiwi male	Venezuela	Savanna	Hunter-gatherer	154
Hutu female	Rwanda, Bu-rundi	Savanna	Agriculturalist	155
Jarawa female	Bengal Bay	Forest	Hunter-gatherer	139.3
Jarawa male	Bengal Bay	Forest	Hunter-gatherer	149.2
Ju'/hoansi female	Botswana, Namibia	Desert	Hunter-gatherer	150
Ju'/hoansi male	Botswana, Namibia	Desert	Hunter-gatherer	160
Kadar female	India	Forest	Hunter-gatherer	150
Kadar male	India	Forest	Hunter-gatherer	158
# Kade G/wi female	Botswana	Desert	Hunter-gatherer	149
# Kade G/wi male	Botswana	Desert	Hunter-gatherer	159
Kaiapit female	Papua New Guinea	Forest	Horticulturalist	156.8
Kaiapit male	Papua New Guinea	Forest	Horticulturalist	166.1
Karkar Island female	Papua New Guinea	Forest	Horticulturalist	151.66
Karkar Island male	Papua New Guinea	Forest	Horticulturalist	160.98
Kiwai female	Papua New Guinea	Savanna	Hunter-gatherer	157.3
Kiwai male	Papua New Guinea	Savanna	Hunter-gatherer	168.3
Kukukuku female	New Guinea	Forest	Horticulturalist	143
Kukukuku male	New Guinea	Forest	Horticulturalist	151.5
Kutchin female	Alaska, Canada	Tundra	Hunter-gatherer	152.1
Kutchin male	Alaska, Canada	Tundra	Hunter-gatherer	164.6
Lese female	Democratic Republic of Congo	Forest	Agriculturalist	152
Lese male	Democratic Republic of Congo	Forest	Agriculturalist	162

Lufa female	Papua New Guinea	Forest	Horticulturalist	151.65			16.5	Harvey 1974
Lufa male	Papua New Guinea	Forest	Horticulturalist	160.34				Harvey 1974
Maasai female	Kenya, Tanzania	Savanna	Pastoralist	160				Little, Galvin, and Mugambi 1983; Western 1982
Maasai male	Kenya, Tanzania	Savanna	Pastoralist	174				Little, Galvin, and Mugambi 1983; Western 1982
Machiguenga female	Peru	Forest	Horticulturalist	149		39.7	60	Steward 1950
Machiguenga male	Peru	Forest	Horticulturalist	162				Steward 1950
Maku-Nadeb female	Brazil	Forest	Hunter-gatherer	143	83			Milton 1984; CHLHS
Maku-Nadeb male	Brazil	Forest	Hunter-gatherer	156	76			Milton 1984; CHLHS
Manus Island female	New Guinea	Forest	Hunter-gatherer	151				Heath and Carter 1971
Manus Island male	New Guinea	Forest	Hunter-gatherer	162.9				Heath and Carter 1971
Maya female	Mexico	Savanna	Horticulturalist	142			15	Kramer 2005; Steward 1950
Maya male	Mexico	Savanna	Horticulturalist	155				Kramer 2005; Steward 1950;
Mbabri female	Thailand, Laos	Forest	Hunter-gatherer	144.4				Bernatzik 1951
Mrabri male	Thailand, Laos	Forest	Hunter-gatherer	158				Bernatzik 1951
Mbuti female	Democratic Republic of Congo	Forest	Hunter-gatherer	137				Hiernaux, Rudan, and Brambati 1975
Mbuti male	Democratic Republic of Congo	Forest	Hunter-gatherer	144			44	Hiernaux, Rudan, and Brambati 1975
Mirngadja male	Australia	Forest	Hunter-gatherer	170.6				MacIntosh 1952; Peterson 1975
Mossi male	Burkina Faso	Savanna	Agriculturalist	170				Brun, Bleiberg, and Gohman 1981
Nharo female	Botswana, Namibia	Desert	Hunter-gatherer	149.3				Tobias 1962
Nharo male	Botswana, Namibia	Desert	Hunter-gatherer	159.3				Tobias 1962
Ningerum female	Papua New Guinea	Forest	Horticulturalist	146.9				Hyndman, Stanley, and Lourie 1989
Ningerum male	Papua New Guinea	Forest	Horticulturalist	157.5				Hyndman, Stanley, and Lourie 1989
Nunamiat female	Alaska	Tundra	Hunter-gatherer	154.9				Jamison 1978
Nunamiat male	Alaska	Tundra	Hunter-gatherer	164.9				Jamison 1978
Nunua Quechua female	Peru	High altitude	Pastoralist	148				Frisancho and Baker 1970
Nunua Quechua male	Peru	High altitude	Pastoralist	160	73			Frisancho and Baker 1970
Onge female	Bengal Bay	Forest	Hunter-gatherer	137.1				Pandya 1999; Temple 1903
Onge male	Bengal Bay	Forest	Hunter-gatherer	149				Pandya 1999; Temple 1903
Penan female	Borneo	Forest	Hunter-gatherer	146.8				Oldrey 1975; Sloan 1975

Penan male	Borneo	Forest	Hunter-gatherer	156.7			Gathering: 65; hunting: 30	Oldrey 1975; Sloan 1975
Priantjatjara male	Australia	Desert	Hunter-gatherer	168.7			Gathering: 65; hunting: 35	Tindale 1935
Pume female	Venezuela	Savanna	Hunter-gatherer	151.2	87	30	Gathering: 41; hunting: 6	Kramer, Greaves, and Ellison 2009
Pume male	Venezuela	Savanna	Hunter-gatherer	164			Gathering: 41; hunting: 6	Kramer, Greaves, and Ellison 2009
Pygmy female (East African)	Democratic Republic of Congo	Forest	Hunter-gatherer	136	84	15.6		Cavalli-Sforza 1986
Pygmy male (East African)	Democratic Republic of Congo	Forest	Hunter-gatherer	144	81			Cavalli-Sforza 1986
Pygmy female (West African)	Cameroon, Democratic Republic of Congo, Central African Republic	Forest	Hunter-gatherer	145	86	16.6		Cavalli-Sforza 1986
Pygmy male (West African)	Cameroon, Democratic Republic of Congo, Central African Republic	Forest	Hunter-gatherer	153	82			Cavalli-Sforza 1986
Semang female	Malay Peninsula	Forest	Hunter-gatherer	140.8			Gathering: 50; hunting: 40	Skeat and Blagden 1906
Semang male	Malay Peninsula	Forest	Hunter-gatherer	149.1			Gathering: 50; hunting: 40	Skeat and Blagden 1906
Shabar female	India	Forest	Horticulturalist	150.19				Bhushan and Bhushan Malik 2004; CHLHS
Shabar male	India	Forest	Horticulturalist	160.34				Bhushan and Bhushan Malik 2004; CHLHS
Sherpa male	Nepal	High altitude	Agriculturalist	162.2				Pawson 1977
Sherpa female (Upper Khumbu)	Nepal	High altitude	Agriculturalist	149.9				Gupta and Basu 1981
Sherpa male (Upper Khumbu)	Nepal	High altitude	Agriculturalist	162.3				Gupta and Basu 1981
Sherpa female (Kalimpong)	India	Forest	Agriculturalist	147.2				Gupta and Basu 1981
Sherpa male (Kalimpong)	India	Forest	Agriculturalist	158.5				Gupta and Basu 1981
Shompen female	Nicarobar Islands	Forest	Hunter-gatherer	148.7			Gathering: 50; hunting: 15	Agrawal 1967
Shompen male	Nicarobar Islands	Forest	Hunter-gatherer	159.1			Gathering: 50; hunting: 15	Agrawal 1967
Simbai female	New Guinea	Forest	Horticulturalist	137				Malcolm 1969
Simbai male	New Guinea	Forest	Horticulturalist	148.8				Malcolm 1969
Siriono female	Bolivia	Forest	Hunter-gatherer	157.5			Gathering: 45; hunting: 50	Holmberg 1950
Siriono male	Bolivia	Forest	Hunter-gatherer	162.5			Gathering: 45; hunting: 50	Holmberg 1950
Sivokamiut Inuit female	Alaska	Tundra	Hunter-gatherer	153.3			Gathering: 0.1; hunting: 10	Rodahl and Edwards 1952
Sivokamiut Inuit male	Alaska	Tundra	Hunter-gatherer	166.1			Gathering: 0.1; hunting: 10	Rodahl and Edwards 1952

Tareumiut Inuit female	Alaska	Tundra	Hunter-gatherer	153.7			Gathering: 0.01; hunting: 25	Roberts 1953
Tareumiut Inuit male	Alaska	Tundra	Hunter-gatherer	166.5			Gathering: 0.01; hunting: 25	Roberts 1953
Tehuelche male	Patagonia	Savanna	Hunter-gatherer	175			Gathering: 30; hunting: 65	Lothrop 1928
Tiwi male	Australia	Forest	Hunter-gatherer	166.8			Gathering: 40; hunting: 25	Goodale 1999
Toba female	Argentina, Bolivia, Paraguvia	Forest	Hunter-gatherer	157			75	Gordillo 1999; CHLHS
Toba male	Argentina, Bolivia, Paraguvia	Forest	Hunter-gatherer	172				Gordillo 1999; CHLHS
Tsimane female	Bolivia	Forest	Horticulturalist	149	82	41.2	76	Foster et al. 2004; CHLHS
Tsimane male	Bolivia	Forest	Horticulturalist	163	77		80	Foster et al. 2004; CHLHS
Turkana female	Kenya	Savanna	Pastoralist	166		47.5	76	Little, Galvin, and Mugambi 1983
Turkana male	Kenya	Savanna	Pastoralist	175			76	Little, Galvin, and Mugambi 1983
Tutsi female	Rwanda, Burundi	Savanna	Pastoralist	163				Little, Galvin, and Mugambi 1983
Tutsi male	Rwanda, Burundi	Savanna	Pastoralists	177				Little, Galvin, and Mugambi 1983
Walbiri female	Australia	Desert	Hunter-gatherer	157	87			Gathering: 70; hunting: 30
Walbiri male	Australia	Desert	Hunter-gatherer	170	82			Gathering: 70; hunting: 30
Warao male	Venezuela	Forest	Hunter-gatherer	157			51	CHLHS
Wichi female	Argentina	Forest	Hunter-gatherer	152				CHLHS
Wichi male	Argentina	Forest	Hunter-gatherer	165				CHLHS
Wopkaimin female	Papua New Guinea	Forest	Horticulturalist	148.9				Hyndman, Stanley, and Lourie 1989
Wopkaimin male	Papua New Guinea	Forest	Horticulturalist	154.3				Hyndman, Stanley, and Lourie 1989
Xavante female	Brazil	Savanna	Hunter-gatherer	155				Neel et al. 1964; CHLHS
Xavante male	Brazil	Savanna	Hunter-gatherer	167				Neel et al. 1964; CHLHS
Yaghan female	Cape Horn	Tundra	Hunter-gatherer	147.5				Lothrop 1928
Yaghan male	Cape Horn	Tundra	Hunter-gatherer	158.1				Lothrop 1928
Yanomamo female	Venezuela, Brazil	Forest	Horticulturalist	142	91	27	71	Hanes and Kuzara 2004; CHLHS
Yanomamo male	Venezuela, Brazil	Forest	Horticulturalist	152	82		48	Hanes and Kuzara 2004; CHLHS
Yavapai female	United States of America	Savanna	Hunter-gatherer	160				Gathering: 60; hunting: 35
Yavapai male	United States of America	Savanna	Hunter-gatherer	174				Gathering: 60; hunting: 35
Yonggom female	Papua New Guinea	Forest	Horticulturalist	146				Corbusier 1886; Gifford 1932
Yonggom male	Papua New Guinea	Forest	Horticulturalist	155.6				Corbusier 1886; Gifford 1932
								Hyndman, Stanley, and Lourie 1989
								Hyndman, Stanley, and Lourie 1989

Yupik male	Alaska, Russia	Tundra	Hunter-gatherer	163	Schweitzer 1999; CHLHS Hyndman, Stanley, and Lourie 1989 Hyndman, Stanley, and Lourie 1989
Zimakani female	Papua New Guinea	Savanna	Hunter-gatherer	157.9	
Zimakani male	Papua New Guinea	Savanna	Hunter-gatherer	166.8	

Note. e_0 = life expectancy at birth; e_{15} = life expectancy at age 15; l_{15} = probability of surviving to age 15. CHLHS = Comparative Human Life History Spreadsheet (<http://dice.missouri.edu>).
 *From Binford (2001). For those diet composition populations where the total adds up to less than 100, the difference represents the amount of fishing in the diet.

References Cited Only in Supplement A

- Abbie, A. A. 1957. Metrical characters of a Central Australian tribe. *Oceania* 27:220–243.
- Agrawal, H. N. 1967. Physical characteristics of the Shompen of Great Nicobar. *Bulletin of the Anthropological Survey of India* 16(1/2):83–97.
- Allal, N., R. Sear, A. M. Prentice, and R. Mace. 2004. An evolutionary model of stature, age at first birth and reproductive success in Gambian women. *Proceedings of the Royal Society B* 271:465–470.
- Bernatzik, Hugo A. 1951. *The spirits of the yellow leaves*. London: Hale.
- Bhushan, B., and B. Bhushan Malik. 2004. *Social ecology of forest resources: a study of a tribal region of Orissa*. Delhi: Kalpaz.
- Boas, Franz. 1901. A. J. Stone's measurements of the natives of Northwestern Territories. *Bulletin of the American Museum of Natural History* 14:53–68.
- Borgerhoff Mulder, M. 1992. Demography of pastoralists: preliminary data on the Datoga of Tanzania. *Human Ecology* 20(4):383–405.
- Brun, T., F. Bleiberg, and S. Goihman. 1981. Energy expenditure of male farmers in dry and rainy seasons in Upper-Volta. *British Journal of Nutrition* 45:67–75.
- Campbell, T. D., J. H. Grayet, and J. Hackett. 1936. Physical anthropology of the Aborigines of Central Australia. *Oceania* 7:106–139.
- Corbusier, W. F. 1886. The Apache-Yumas and Apache-Mojaves. *American Antiquarian* 8:276–284.
- de Oliveira, S. F. D. E. Braga Lopes, S. E. B. Santos, and J. F. Guerreiro. 1998. The Awá-Guajá Indians of the Brazilian Amazon: demographic data, serum protein markers and blood groups. *Human Heredity* 48:163–168.
- Dettwyler, Katherine A. 1992. Nutritional status of adults in rural Mali. *American Journal of Physical Anthropology* 88:309–321.
- Dussart, F. 1999. Warlpiri. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 363–368. New York: Cambridge University Press.
- Ehrenfels, Umar Rolf. 1952. *The Kadar of Cochin*. Madras: University of Madras Press.
- Foster, Z., E. Byron, V. Reyes-García, T. Huanca, V. Vadez, L. Apaza, E. Pérez, et al. 2004. Physical growth and nutritional status of Tsimane's Amerindian children of lowland Bolivia. *American Journal of Physical Anthropology* 126(3):343–351.
- Frisancho, R. A., and P. T. Baker. 1970. Altitude and growth: a study of the patterns of physical growth of a high altitude Peruvian Quechua population. *American Journal of Physical Anthropology* 32:279–292.
- Furer-Haimendorf, Christoph von. 1943. The Chenchus. In *The aboriginal tribes of Hyderabad*, vol. 1. London: Macmillan.
- Gifford, Edward Winslow. 1932. *The southeastern Yavapai*. Berkeley: University of California Press.
- Glew, R. H., C. Lu-Te, T. Berry, H. Okolie, M. J. Crossey, and D. J. VanderJagt. 2010. Lipid profiles and trans fatty acids in serum phospholipids of semi-nomadic Fulani in northern Nigeria. *Journal of Health Population and Nutrition* 2:159–166.
- Goodale, J. C. 1999. Tiwi. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 353–358. New York: Cambridge University Press.
- Gordillo, G. 1999. Toba. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 111–116. New York: Cambridge University Press.
- Gupta, R., and A. Basu. 1981. Variations in body dimensions in relation to altitude among the Sherpas of the eastern Himalayas. *Annals of Human Biology* 8(2):145–151.
- Hames, R., and J. Kuzara. 2004. The nexus of Yanomamo growth, health and demography. In *Lost paradises and the ethics of research and publication*. F. M. Salzano and A. Magdalena Hurtado, eds. Pp. 110–146. New York: Oxford University Press.
- Hamilton, L., P. Lyster, and O. Otterstad. 2000. Social change, ecology and climate in 20th century Greenland. *Climatic Change* 47:193–211.
- Hansen, J. 1914. The ethnological and anthropological results of G. Holm's expedition in 1883–85 and G. Amdrup's expedition in 1898–1900. In *The Ammassalik Eskimo: being contributions to the ethnology of the east Greenland natives*, vol. 1. William Thalbitzer, ed. Copenhagen: Luno.
- Harvey, R. G. 1974. An anthropometric survey of growth and physique of the populations of Karkar Island and Lufa subdistrict, New Guinea. *Philosophical Transactions of the Royal Society B* 268:279–292.

- Headland, Thomas N. 1986. Why foragers do not become farmers: a historical study of a changing ecosystem and its effect on a Negrito hunter-gatherer group in the Philippines. PhD thesis, University of Hawaii, Honolulu.
- Heath, B. H., and J. E. L. Carter. 1971. Growth and somatotype patterns of Manus children, territory of Papua and New Guinea: application of a modified somatotype method to the study of growth patterns. *American Journal of Physical Anthropology* 35:49–68.
- Hiernaux, J., P. Rudan, and A. Brambati. 1975. Climate and the weight/height relationship in sub-Saharan Africa. *Annals of Human Biology* 2:3–12.
- Hill, Kim, C. Hawkes, A. Magdalena Hurtado, and Hillard Kaplan. 1984. Seasonal variance in the diet of Ache hunter-gatherers of eastern Paraguay. *Human Ecology* 12(2):101–135.
- Holmberg, A. R. 1950. Nomads of the long bow: the Siriono of eastern Bolivia. Smithsonian Institution Institute of Social Anthropology Publication no. 10. Washington, DC: U.S. Government Printing Office.
- Hurtado, A. Magdalena, and Kim Hill. 1987. Early dry season subsistence ecology of Cuiva (Hiwi) foragers of Venezuela. *Human Ecology* 15:163–187.
- Hyndman, D. C., J. U. Stanley, and J. A. Lourie. 1989. Variability in body physique, ecology, and subsistence in the Fly River region of Papua New Guinea. *American Journal of Physical Anthropology* 79:89–101.
- Jamison, P. L. 1978. Anthropometric variation. In *Eskimos of northwestern Alaska: a biological perspective*. P. L. Jamison, S. L. Zegura, and F. A. Milan, eds. Pp. 40–78. Stroudsburg, PA: Dowden, Hutchinson & Ross.
- Kaare, B., and J. Woodburn. 1999. Hadza. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 200–205. New York: Cambridge University Press.
- Koentjaraningrat, K. P. H. 1989. The Asmat of South Irian Jaya. *Indonesia Circle: School of Oriental and African Studies Newsletter* 18(50):3–18.
- Kramer, Karen L. 2005. *Maya children: helpers at the farm*. Cambridge, MA: Harvard University Press.
- Kramer, Karen L., R. D. Greaves, and Peter T. Ellison. 2009. Early reproductive maturity among Pume foragers: implications of a pooled energy model to fast life histories. *American Journal of Human Biology* 21:430–437.
- Landor, Arnold Henry Savage. 1893. *Alone with the hairy Ainu; or, 3800 miles on a pack saddle in Yezo and a cruise to the Kurile Islands*. London: Murray.
- Little, M. 1989. Human biology of African pastoralists. *Yearbook of Physical Anthropology* 32:215–247.
- Long, J. C., J. M. Naidu, H. W. Mohrenweiser, H. Gershowitz, P. L. Johnson, J. W. Wood, and P. E. Smouse. 1986. Genetic characterization of Gainj- and Kalam-speaking peoples of Papua New Guinea. *American Journal of Physical Anthropology* 70(1):75–96.
- Lothrop, Samuel Kirkland. 1928. *The Indians of Tierra del Fuego*. New York: Museum of the American Indian, Heye Foundation.
- MacIntosh, N. W. G. 1952. Stature in some aboriginal tribes in south-west Arnhem Land. *Oceania* 22:208–215.
- Malcolm, L. A. 1969. Growth and development of the Kaiapit children of the Markham Valley, New Guinea. *American Journal of Physical Anthropology* 31:39–52.
- Malik, S. L., and I. P. Singh. 1978. Growth trends among male Bods of Ladakh: a high altitude population. *American Journal of Physical Anthropology* 48:171–176.
- Man, E. H. 1883. On the aboriginal inhabitants of the Andaman Islands. *Journal of the Anthropological Institute of Great Britain and Ireland* 12(1):69–116.
- Milton, K. 1984. Protein and carbohydrate resources of the Maku Indians of northwestern Amazonia. *American Anthropologist* 86(1):7–27.
- Mueller, W. H. 1980. The Aymara of western Bolivia. 5. Growth and development in an hypoxic environment. *Human Biology* 52(3):529–546.
- Neel, J. V., F. M. Salzano, P. C. Junqueira, F. Keiter, and D. Maybury-Lewis. 1964. Studies on the Xavante Indians of the Brazilian Mato Grosso. *American Journal of Human Genetics* 16(1):52–140.
- O’Connell, James F., and Kristen Hawkes. 1984. Food choice and foraging sites among the Alyawara. *Journal of Anthropological Research* 40(4):504–535.
- Oldrey, T. B. N. 1975. A study of the Punan Busang. 4. Medical report. *Malayan Nature Journal* 28(3/4):152–159.
- Osgood, Cornelius. 1936. *Contributions to the ethnography of the Kutchin*. New Haven, CT: Yale University Press.
- Pandya, V. 1999. Andaman Islanders. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 243–248. New York: Cambridge University Press.
- Pawson, I. G. 1977. Growth characteristics of populations of Tibetan origin in Nepal. *American Journal of Physical Anthropology* 47:473–482.
- Peterson, N. 1975. Hunter-gatherer territoriality: the perspective from Australia. *American Anthropologist* 77(1):53–68.

- Roberts, D. F. 1953. Body weight, race and climate. *American Journal of Physical Anthropology* 11:533–558.
- Rodahl, K., and J. Edwards. 1952. The body surface area of the Eskimo. *Journal of Applied Physiology* 5:242–246.
- Schweitzer, P. P. 1999. Yupik. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 138–143. New York: Cambridge University Press.
- Sellen, D. W. 2000. Seasonal ecology and nutritional status of women and children in a Tanzanian pastoral community. *American Journal of Human Biology* 12:758–781.
- Skeat, W. W., and C. O. Blagden. 1906. *Pagan races of the Malay Peninsula*. New York: Barnes & Noble.
- Sloan, C. 1975. A study of the Punan Busang. 3. Punan hunting methods. *Malayan Nature Journal* 28:146–151.
- Stenning, Derrick J. 1959. *Savannah nomads: a study of the Wodaabe Pastoral Fulani of western Bornu Province northern region, Nigeria*. London: Oxford University Press.
- Steward, J. H. 1950. Physical anthropology, linguistics and cultural geography of South American Indians. In *Handbook of South American Indians*, vol. 6. J. H. Steward, ed. New York: Cooper Square.
- Svensson, T. G. 1999. Ainu. In *The Cambridge Encyclopedia of hunters and gatherers*. Richard B. Lee and Richard Daly, eds. Pp. 132–137. New York: Cambridge University Press.
- Tanaka, J. 1980. *The San hunter-gatherers of the Kalahari: a study in ecological anthropology*. Tokyo: University of Tokyo Press.
- Temple, R. C. 1903. *The Andaman and Nicobar Islands: report on the census, Census of India, 1901*, vol. 3. Calcutta: Office of the Superintendent of Government Printing.
- Tindale, N. 1935. Initiation among the Pitjandjara natives of the Mann and Tomkinson ranges in South Australia. *Oceania* 6(2):199–224.
- Tobias, Phillip V. 1962. On the increasing stature of the bushmen. *Anthropos* 57:801–810.
- Vanoverbergh, M. 1925. Negritos of northern Luzon. *Anthropos* 20:148–199.
- Wastl, J. 1957. Beitrag zur Anthropologie der Negrito von Ost-Luzon. *Anthropos* 52:769–812.
- Wayland, E. J. 1931. Preliminary studies of the tribes of Karamoja: the Labwor, the Wanderobo, the Dodotho and Jie. *Journal of the Royal Anthropological Institute of Great Britain and Ireland* 61:187–230.
- Western, D. 1982. The environment and ecology of pastoralists in arid savannas. *Development and Change* 13(2):183–211.
- Zemel, B., and C. Jenkins. 1989. Dietary change and adolescent growth among the Bundi (Gende-speaking) people of Papua New Guinea. *American Journal of Human Biology* 1:709–718.