



Figure 15 A representative lithic sequence from Sannarachamma showing absolute counts of lithic finds by raw material from Trench D, all sediment sieved. Layer 1 was subdivided into three arbitrary spits by depth, and Layer 2 was separated from the pit that it filled, which was cut into the "ashmound" deposit of layer 3 (data from J. Morris).

Table 1 New chronometric evidence from Sannarachamma. Calibrations performed with OxCal 3.9 (Bronk Ramsey 1995, 2001, 2003), based on the atmospheric calibration data of Stuvier et al. (1998). Calibrations are indicated in 1- σ ranges with an asterix next to what we interpret as the most plausible range. Dates were performed using Accelerator Mass Spectrometry (AMS) by Rafter Radiocarbon Laboratory, New Zealand, or Peking University, Beijing (Institute of Heavy Ion Physics and School of Archaeology and Museology).

Context	Material	Lab no.	Radiocarbon age	1- σ calibration
SAN 1147 (Megalithic pit fill)	Seed: <i>Lablab purpureus</i>	R 28680/1	2973 \pm 35	1270–1120 BC
SGK.98A-4 (Earliest <i>Lablab</i> , Megalithic)	Seed: <i>Lablab purpureus</i>	R 28680/5	3042 \pm 30	1380–1250*, 1230–1210 BC
SAN 1157 (upper ashmound)	Wood charcoal	R 28680/2	3441 \pm 30	1860–1840, 1780– 1680* BC
SAN 1157 (upper ashmound)	Seed: <i>Hordeum vulgare</i>	R 28680/6	3361 \pm 40	1740–1710*, 1690– 1600, 1560–1530 BC
SAN 1166 <1137> (ashmound)	Seed: <i>Triticum</i> sp.	BA04390	3505 \pm 30	1890–1760 BC
SAN 1191	Seed: <i>Hordeum vulgare</i>	R 28680/3	3536 \pm 30	1920–1870, 1850– 1810*, 1800–1770 BC
SAN 1204 (lowest ashmound)	Seed: <i>Triticum</i> sp.	R 28680/4	3550 \pm 40	1950–1870*, 1850– 1810, 1800–1770 BC
SAN 1204 (lowest ashmound)	Seed: <i>Ziziphus</i> cf. <i>mauretania</i>	BA04391	3550 \pm 30	1940–1870*, 1850– 1820, 1800–1770

Table 2 New chronometric evidence from Hiregudda. All dates were performed by Rafter Radiocarbon Laboratory (New Zealand) by Accelerator Mass Spectrometry (AMS). Other details as per Table 1.

Area/ Trench	Context	Material	Lab no.	Radiocarbon age	1- σ calibration
A/1	HGD.03B-1 (=3012)	Seed: <i>Lablab purpureus</i>	R 28680/14	3058 \pm 30	1390–1290* 1280–1260 BC
A/1	HGD.03B-2 spit 3 (\approx 3017)	Seed: <i>Triticum sp.</i>	R 28680/15	3282 \pm 35	1615–1515 BC
A/5	HGD.03F-3	Seed: <i>Lablab purpureus</i>	R 28680/16	3235 \pm 30	1525–1445 BC
A/5	HGD.03F-5	Seed: <i>Hordeum vulgare</i>	R 28680/17	3382 \pm 35	1740–1710 1700–1620 BC
A/5	HGD.03F-6	Seed: <i>Macrotyloma uniflorum</i>	R 28680/18	3250 \pm 30	1600–1560 1530–1490 1480–1450 BC
A/5	Tr. 5 (3162)	Wood charcoal	R 28680/7	3371 \pm 35	1780–1710 1700–1610* BC
A/9 =HGD. 03C	F. 1 (3034) (\approx 3012)	Wood charcoal	R 28680/8	3042 \pm 30	1380–1330 1320–1260 BC
A/9	F. 1 (3148)	Wood charcoal	R 28680/9	3433 \pm 35	1860–1840 1780–1680*
A/9	F. 1 (3151)	Wood charcoal	R 28680/10	3314 \pm 30	1680–1670 1630–1520* BC
A/9	F.1 (3167)	Wood charcoal	BA04392	3340 \pm 30	1690–1600* 1560–1530 BC
A/9	F. 1 (3196)	Wood charcoal	R 28680/11	3346 \pm 30	1690–1600* 1560–1530 BC
D	D (4027)	Wood charcoal	R 28680/12	3027 \pm 30	1380–1330 1320–1250 1240–1210 BC
D	D (4040)	Wood charcoal	R 28680/13	3019 \pm 40	1380–1330 1320–1210 1200–1190 1140–1130 BC

Table 3 New chronometric evidence from Birappa. All dates were performed by Rafter Radiocarbon Laboratory (New Zealand) by Accelerator Mass Spectrometry (AMS). Other details as per Table 1.

Context	Level	Material	Lab no.	Radiocarbon age	1- σ calibration
Tr. 5 (5016)	spit 3	Wood Charcoal	R 28680/19	3031 \pm 30 BP	1380–1330 1320–1250 1240–1210 BC
Tr. 5 (5025)	spit 7	Wood Charcoal	R 28680/20	4639 \pm 35 BP	3500–3430 3380–3360 BC
Tr. 5 (5028)	spit 8	Wood Charcoal	R 28680/21	2032 \pm 30 BP	90 BC– AD 70
Tr. 5 (5018)	spit 4	Wood Charcoal	R 28680/22	5469 \pm 35 BP	4350–4320 4290–4250 BC
Tr. 2 (5020)		Wood Charcoal	R28680/23	9626 \pm 40 BP	9210–9110 9000–8900 8880–8840 BC

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