



Supplementary Material 1. Distribution of Settlements before AD 300 (left) and after AD 300 (right). The site names correspond to the numbers found in Supplementary Material 2.

Supplementary Material 2. List of Settlements

| No. | Site | The number of AMS dates | The number of pit houses |
|------------------|-----------------------------------|-------------------------|--------------------------|
| Gyeonggi-Gangwon | | | |
| 1 | Gangmun·Chodang-dong, Gangneung | 28 | 88 |
| 2 | Geumjin-ri, Gangneung | 5 | 7 |
| 3 | Bangdong-ri 1, Gangneung | 2 | 6 |
| 4 | Bangdong-ri 2, Gangneung | 2 | 4 |
| 5 | Byeongsan-dong, Gangneung | 5 | 13 |
| 6 | Anhyeon-dong, Gangneung | 1 | 3 |
| 7 | Cheonggye-ri, Hwaseong | 6 | 117 |
| 8 | Mangsang-dong, Donghae | 10 | 30 |
| 9 | Songjeong-dong, Donghae | 23 | 40 |
| 10 | Jeungsan-dong, Samcheok | 1 | 5 |
| 11 | Hosan-ri, Samcheok | 3 | 4 |
| 12 | Dongho-ri, Yangyang | 7 | 17 |
| 13 | Munsan-ri, Yeongwol | 1 | 1 |
| 14 | Samok-ri, Yeongwol | 6 | 6 |
| 15 | Jucheon-ri, Yeongwol | 3 | 4 |
| 16 | Jucheon-ri Sulsam, Yeongwol | 3 | 9 |
| 17 | Palgoe-ri, Yeongwol | 2 | 2 |
| 18 | Gahyeon-dong, Wonju | 8 | 49 |
| 19 | Donghwa-ri, Wonju | 3 | 5 |
| 20 | Yemi-ri, Jeongseon | 3 | 14 |
| 21 | Gunja-ri, Chuncheon | 2 | 2 |
| 22 | Geunhwa-dong, Chuncheon | 5 | 34 |
| 23 | Samcheon-dong, Chuncheon | 1 | 1 |
| 24 | Sinmae-ri, Chuncheon | 1 | 13 |
| 25 | Udu-dong, Chuncheon | 8 | 18 |
| 26 | Yulmun-ri·Cheonjeon-ri, Chuncheon | 10 | 21 |
| 27 | Jungdo-dong, Chuncheon | 5 | 12 |
| 28 | Cheondong-ri·Maji-ri, Chuncheon | 3 | 12 |
| 29 | Bangnim-ri, Pyeongchang | 3 | 3 |
| 30 | Yaksu-ri, Pyeongchang | 1 | 3 |
| 31 | Yonghyang-ri, Pyeongchang | 1 | 1 |
| 32 | Jongbu-ri, Pyeongchang | 3 | 10 |
| 33 | Seongsan-ri, Hongcheon | 25 | 47 |
| 34 | Cheoljung-ri, Hongcheon | 5 | 19 |
| 35 | Hahwagye-ri, Hongcheon | 1 | 1 |
| 36 | Georye-ri, Hwacheon | 2 | 12 |

| | | | |
|----|-------------------------------------|----|-----|
| 37 | Woncheon-ri, Hwacheon | 16 | 117 |
| 38 | Dunnae, Hoengseong | 1 | 1 |
| 39 | Hakdam-ri, Hoengseong | 2 | 3 |
| 40 | Daeseong-ri, Gapyeong | 16 | 54 |
| 41 | Deockhyeon-ri, Gapyeong | 1 | 1 |
| 42 | Yangsuri Sangseokjeong, Yangpyeong | 6 | 19 |
| 43 | Yeoju-Yangpyeong 45 Expressway Site | 1 | 1 |
| 44 | Gwanggyo Newtown | 1 | 3 |
| 45 | Soha-dong, Gwangmyeong | 2 | 6 |
| 46 | Jangji-dong, Gwangju | 15 | 16 |
| 47 | Yangchon, Gimpo | 5 | 33 |
| 48 | Unyang-dong, Gimpo | 1 | 3 |
| 49 | Gimpo Hangang Newtown | 3 | 6 |
| 50 | Byeollae, Namyangju | 3 | 17 |
| 51 | Janghyeon, Namyangju | 18 | 85 |
| 52 | Jigeum-dong, Namyangju | 2 | 6 |
| 53 | Dangdong-ri, Munsan | 3 | 16 |
| 54 | Misari, Hanam | 1 | 15 |
| 55 | Beombak-dong, Bucheon | 2 | 5 |
| 56 | Amsa-dong, Seoul | 1 | 1 |
| 57 | Dongpangyo, Seongnam | 6 | 29 |
| 58 | Changgok-dong, Seongnam | 1 | 2 |
| 59 | Gwanyang-dong, Anyang | 6 | 11 |
| 60 | Gwangseok-ri, Yangju | 4 | 7 |
| 61 | Yeonyang-ri, Yeosu | 4 | 28 |
| 62 | Gangnae-ri, Yeoncheon | 20 | 71 |
| 63 | Hapsu-ri, Yeoncheon | 3 | 10 |
| 64 | Naesammi-dong, Osan | 4 | 31 |
| 65 | Mabuk-dong, Yongin | 2 | 71 |
| 66 | Bojeong-ri Sosal, Yongin | 1 | 7 |
| 67 | Yeongdeok-dong, Yongin | 2 | 4 |
| 68 | Bulno-dong, Incheon | 2 | 3 |
| 69 | Unnam-dong, Incheon | 2 | 6 |
| 70 | Unbuk-dong, Incheon | 2 | 2 |
| 71 | Jungsan-dong, Incheon | 1 | 1 |
| 72 | Neungsan-ri, Paju | 1 | 2 |
| 73 | Unjeong, Paju | 7 | 18 |
| 74 | Baekbong-ri, Pyeongtaek | 1 | 1 |
| 75 | Geumju-ri, Pocheon | 4 | 6 |
| 76 | Gilmyeong-ri, Pocheon | 1 | 1 |

| | | | |
|-------------|--|----|-----|
| 77 | Juwol-ri, Pocheon | 1 | 12 |
| 78 | Jajak-ri, Pocheon | 10 | 25 |
| 79 | Pungnaptoseong, Seoul | 26 | 62 |
| 80 | Mangwol-dong Gusan, Hanam | 7 | 10 |
| 81 | Gambaesan, Hwaseong | 5 | 66 |
| 82 | Gogeumsan, Hwaseong | 1 | 3 |
| 83 | Balan-ri, Hwaseong | 13 | 59 |
| 84 | Seogu-ri, Hwaseong | 2 | 19 |
| 85 | Wangrim-ri norijaegol, Hwaseong | 1 | 3 |
| 86 | Hangsa-ri, Gapyeong | 13 | 44 |
| 87 | Namyang-dong, Hwaseong | 3 | 12 |
| 88 | Tap-dong·Dugok-dong, Osan | 1 | 4 |
| 89 | Sajeong-ri Moraena, Pocheon | 5 | 29 |
| Chungcheong | | | |
| 90 | Ibam-ri, Gyeryoung | 9 | 23 |
| 91 | Daedeok-ri, Goesan | 1 | 1 |
| 92 | Singwan-dong, Gongju | 1 | 2 |
| 93 | Anyeong-ri, Gongju | 1 | 7 |
| 94 | Daepyeong-ri, Yeongi | 16 | 164 |
| 95 | Army Cadet Command, Goesan | 1 | 4 |
| 96 | Sudang-ri, Geumsan | 1 | 7 |
| 97 | Nae-dong, Nonsan | 11 | 230 |
| 98 | Wonnam-ri, Wonbuk-ri, Jeongji-ri, Nonsan | 14 | 67 |
| 99 | Gagok 2-ri, Dangjin | 5 | 18 |
| 100 | Gagok-ri, Dangjin | 7 | 25 |
| 101 | Gijisi-ri, Dangjin | 1 | 2 |
| 102 | Samhwa-ri, Dangjin | 4 | 8 |
| 103 | Seongsan-ri, Dangjin | 13 | 42 |
| 104 | Wondang-ri, Dangjin | 3 | 14 |
| 105 | Bokyeong-dong dangsan, Daejeon | 13 | 42 |
| 106 | Sangdae-dong, Daejeon | 1 | 14 |
| 107 | Yonggye-dong, Daejeon | 8 | 448 |
| 108 | Juk-dong, Daejeon | 5 | 47 |
| 109 | Jijok-dong, Daejeon | 2 | 2 |
| 110 | Chu-dong, Daejeon | 1 | 1 |
| 111 | Chumok-dong, Daejeon | 1 | 2 |
| 112 | Daejeong-dong, Daejeon | 2 | 7 |
| 113 | Majeon-ri, Nonsan | 1 | 3 |
| 114 | Nabok-ri tongsil · Seogu-ri · Wonmun-ri, Buyeo | 1 | 1 |

| | | | |
|-----|--|----|----|
| 115 | Seokmok-ri, Buyeo | 2 | 5 |
| 116 | Jeongdong-ri, Buyeo | 3 | 5 |
| 117 | Eonam-ri nanmeori Seosan | 5 | 62 |
| 118 | Bongseon-ri, Seocheon | 4 | 49 |
| 119 | Seokchon-ri Daeowolgol, Seocheon | 3 | 6 |
| 120 | Songnae-ri, Seocheon | 10 | 28 |
| 121 | Oknam-ri Wongaedel, Seosan | 2 | 8 |
| 122 | Jisan-ri, Seocheon | 4 | 74 |
| 123 | Chudong-ri, Seocheon | 3 | 11 |
| 124 | Chudong-ri 2, Seocheon | 14 | 22 |
| 125 | Galmae-ri 3, Asan | 1 | 1 |
| 126 | Galmae-ri 2, Asan | 1 | 1 |
| 127 | Dunpo-ri, Asan | 1 | 1 |
| 128 | Bamjul-gil, Asan | 1 | 1 |
| 129 | Songchon-ri, Asan | 2 | 6 |
| 130 | Youngho-ri Youngsan, Yeongi | 4 | 9 |
| 131 | Eungam-ri Gamagol 3, Yeongi | 2 | 7 |
| 132 | Jangjae-ri, Yeongi | 1 | 1 |
| 133 | Hapgang-ri Saengjul, Yeongi | 4 | 5 |
| 134 | Yangdeok-ri, Umseong | 2 | 4 |
| 135 | Jangtaesantoseong 1-1, Chungju | 1 | 2 |
| 136 | Wangam-dong, Jecheon | 3 | 7 |
| 137 | Chuseongsanseong, Jeungpyong | 4 | 5 |
| 138 | Jiam-ri, Jincheon | 1 | 2 |
| 139 | Dujeong-dong, Cheonan | 3 | 15 |
| 140 | Baekseok-dong Cheonan | 1 | 1 |
| 141 | Bulmu-gol, Cheonan | 2 | 2 |
| 142 | Yongwon-ri A, Cheonan | 2 | 48 |
| 143 | Jangsan-ri, Cheonan | 2 | 8 |
| 144 | Jangsan-ri 2, Cheonan | 3 | 3 |
| 145 | Cheongdang-dong Jingol, Cheonan | 2 | 5 |
| 146 | Songbang-ri Bangchukgol, Cheongyang | 1 | 1 |
| 147 | Ssangcheong-ri, Cheongwon | 1 | 1 |
| 148 | Biha-dong, Cheongju | 1 | 1 |
| 149 | Songjeol-dong neighborhood living facility, Cheongju | 3 | 3 |
| 150 | Songjeol-dong San 90-7, Cheongju | 2 | 2 |
| 151 | Jeongbukdongtoseong, Chungju | 1 | 1 |
| 152 | Gasin-ri·Munseong-ri, Chungju | 10 | 30 |
| 153 | Daehwa-ri, Chungju | 1 | 2 |

| | | | |
|--------|---------------------------------|----|-----|
| 154 | Tappyoeng-ri, Chungju (Jungwon) | 1 | 10 |
| 155 | Tappyoeng-ri, Chungju (Jungang) | 7 | 10 |
| 156 | Pungjeong-ri, Cheongwon | 2 | 5 |
| 157 | Seokteak-ri, Hongseong | 3 | 230 |
| Jeolla | | | |
| 158 | Yangyu-dong, Gangjin | 9 | 14 |
| 159 | Seokgyo-ri, Gochang | 7 | 13 |
| 160 | Sindeok-ri, Gochang | 1 | 12 |
| 161 | Jaryong-ri, Gochang | 4 | 9 |
| 162 | Handong-ri Bangsa, Goheung | 3 | 58 |
| 163 | Sinyang-ri Sinyang, Goheung | 4 | 85 |
| 164 | Hangdong-ri Hangdong, Goheung | 2 | 36 |
| 165 | Sin-ri, Gokseong | 3 | 3 |
| 166 | Oji-ri, Gokseong | 7 | 47 |
| 167 | Yonggang-ri Gidu, Gwangyang | 1 | 3 |
| 168 | Dowol-ri, Gwangyang | 10 | 76 |
| 169 | Mokseong-ri, Gwangyang | 5 | 23 |
| 170 | Seokjeong, Gwangyang | 4 | 5 |
| 171 | Yonggang-ri, Gwangyang | 2 | 3 |
| 172 | Wonjeok, Gwangyang | 5 | 8 |
| 173 | Jeomteo, Gwangyang | 4 | 14 |
| 174 | Jiwon-ri Changchon, Gwangyang | 2 | 5 |
| 175 | Chilseong-ri, Gwangyang | 7 | 42 |
| 176 | Geumgok B, Gwangju | 2 | 4 |
| 177 | Dongrim-dong, Gwangju | 7 | 98 |
| 178 | Manho, Gwangju | 3 | 7 |
| 179 | Bia, Gwangju | 1 | 4 |
| 180 | Sanjeong C, Gwangju | 2 | 36 |
| 181 | Sanjeong-dong Jisil, Gwangju | 6 | 97 |
| 182 | Sangjeong-dong, Gwangju | 5 | 67 |
| 183 | Seonam-dong, Gwangju | 11 | 310 |
| 184 | Se-dong, Gwangju | 4 | 10 |
| 185 | Sinwan, Gwangju | 1 | 6 |
| 186 | Sinchang-dong, Gwangju | 4 | 7 |
| 187 | Yonggang, Gwangju | 2 | 5 |
| 188 | Hanam-dong, Gwangju | 5 | 346 |
| 189 | Bongbuk-ri, Gurye | 5 | 29 |
| 190 | Gwanwon-ri V, Gunsan | 1 | 2 |
| 191 | Okbong-ri, Gunsan | 5 | 9 |
| 192 | Chwidong-ri, Gunsan | 2 | 4 |

| | | | |
|-----|--------------------------------------|----|-----|
| 193 | Daemok-ri, Gimjae | 6 | 8 |
| 194 | Daechong-ri B, Gimjae | 1 | 2 |
| 195 | Bugeo-ri-Hajeong-ri, Gimjae | 8 | 36 |
| 196 | Dongsan-dong, Jeonju | 16 | 137 |
| 197 | Ryang-dong, Naju | 5 | 22 |
| 198 | Bangchuk, Naju | 2 | 32 |
| 199 | Songwol-dong, Naju | 2 | 2 |
| 200 | Domin-dong, Naju | 19 | 188 |
| 201 | Sinpyeong, Naju | 8 | 10 |
| 202 | Ungok-dong, Naju | 19 | 75 |
| 203 | Jangdong-ri, Naju | 2 | 6 |
| 204 | Daegok-ri, Namwon | 2 | 2 |
| 205 | Daechi-ri, Damyang | 1 | 6 |
| 206 | Osan, Damyang | 3 | 11 |
| 207 | Taemok-ri, Damyang | 16 | 662 |
| 208 | Dugok·Dunjeon, Damyang | 5 | 6 |
| 209 | Pyongsan-ri Pyongrim, Muan | 4 | 15 |
| 210 | Geumpyeong, Boseong | 1 | 2 |
| 211 | Doan-ri Seokpyeong, Boseong | 16 | 137 |
| 212 | Joseong-ri Geumjang, Boseong | 5 | 21 |
| 213 | Joseong-ri Wolpyong, Boseong | 1 | 8 |
| 214 | Joseong-ri, Boseong | 3 | 33 |
| 215 | Chunjeong, Boseong | 1 | 11 |
| 216 | Baeksanseong, Buan | 4 | 18 |
| 217 | Jangdong-ri, Buan | 10 | 33 |
| 218 | Ganam-ri, Sunchang | 1 | 1 |
| 219 | Gyoseong-ri, Sunchang | 7 | 11 |
| 220 | Naewol, Sunchang | 4 | 6 |
| 221 | Nodong-ri, Sunchang | 1 | 3 |
| 222 | Daega-ri Hyangga, Sunchang | 5 | 26 |
| 223 | Gagok-dong, Suncheon | 7 | 32 |
| 224 | Geongok-ri, Sunchang | 1 | 1 |
| 225 | Deokam-dong, Suncheon | 10 | 238 |
| 226 | Seongsan-ri Daebup, Suncheon | 5 | 43 |
| 227 | Songsan 2, Suncheon | 5 | 26 |
| 228 | Yogok-ri Seonsan, Suncheon | 3 | 22 |
| 229 | Wolpyong, Suncheon | 1 | 3 |
| 230 | Jwaya, Suncheon | 3 | 3 |
| 231 | Bongsu·Dunjeon, Yeosu | 14 | 47 |
| 232 | Ungcheon-dong Mojeon·Ung-dong, Yeosu | 3 | 6 |

| | | | |
|-----|-----------------------------------|----|-----|
| 233 | Wolsan-ri Hosan, Yeosu | 4 | 45 |
| 234 | Hwa-dong, Yeosu | 5 | 12 |
| 235 | Hwajang-dong, Yeosu | 6 | 54 |
| 236 | Gun-dong, Yeonggwang | 1 | 1 |
| 237 | Majeon, Yeonggwang | 2 | 9 |
| 238 | Seonhwang-ri, Yeongam | 7 | 35 |
| 239 | Galsan-ri, Wanju | 2 | 6 |
| 240 | Sangun-ri, Wanju | 8 | 14 |
| 241 | Sinpung, Wanju | 4 | 18 |
| 242 | Yongheung-ri, Wanju | 6 | 14 |
| 243 | Gupyeong-ri IV, Iksan | 3 | 12 |
| 244 | Sadeok, Iksan | 8 | 105 |
| 245 | Samdam-ri, Iksan | 2 | 2 |
| 246 | Sindong-ri, Iksan | 2 | 4 |
| 247 | Sindong health center site, Iksan | 1 | 4 |
| 248 | Oryoung-ri, Iksan | 1 | 8 |
| 249 | Ungpo-ri, Iksan | 1 | 7 |
| 250 | Mangwol-chon, Imsil | 5 | 39 |
| 251 | Sanjeong, Jangseong | 2 | 8 |
| 252 | Sangnim-ri, Jangseong | 1 | 2 |
| 253 | Wolsan-ri, Jangseong | 1 | 4 |
| 254 | Jangsan-ri, Jangseong | 4 | 64 |
| 255 | Hwangyo, Jangseong | 4 | 65 |
| 256 | Galdu, Jangheung | 3 | 11 |
| 257 | Sangbang-chon A, Jangheung | 23 | 107 |
| 258 | Angol, Jangheung | 4 | 13 |
| 259 | Jicheon-ri, Jangheung | 5 | 43 |
| 260 | Daejeong, Jeonju | 1 | 1 |
| 261 | Majeon, Jeonju | 7 | 19 |
| 262 | Songcheon-dong, Jeonju | 31 | 66 |
| 263 | Wonjang-dong, Jeonju | 6 | 15 |
| 264 | Jang-dong, Jeonju | 11 | 67 |
| 265 | Gwancheong-ri, Jeongeup | 4 | 6 |
| 266 | Namsan, Jeongeup | 3 | 41 |
| 267 | Mangdam, Jeongeup | 2 | 2 |
| 268 | Sinmyeon, Jeongeup | 3 | 33 |
| 269 | Ojeong 2, Jeongeup | 2 | 3 |
| 270 | Ojeong, Jeongeup | 9 | 20 |
| 271 | Imun, Jeongeup | 1 | 3 |
| 272 | Jangsu-dong, Jeongeup | 2 | 19 |

| | | | |
|-----|--------------------------------|----|-----|
| 273 | Banam, Hampyong | 3 | 27 |
| 274 | Seongcheon-ri Wachon, Hampyong | 7 | 55 |
| 275 | Somyeong, Hampyeong | 8 | 183 |
| 276 | Jungrang, Hampyeong | 20 | 205 |
| 277 | Simgeum, Haenam | 10 | 72 |
| 278 | Hwangsang-ri Bunto, Haenam | 11 | 57 |
| 279 | Younggang-ri, Hwasun | 14 | 160 |