**Phytoliths and rice: from wet to dry and back again in the Neolithic Lower Yangtze**

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**Supplementary Table 1. Archaeological sediment samples included in the phytolith analysis.**

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| --- | --- | --- | --- | --- |
| **Site** | **Sample number** | **Period** | **Est. date** | **Context type** |
| Tianluoshan | T105 (8) S2 | Hemudu | 4900–4700 BC | river edge (waterlogged) |
| Tianluoshan | T105 (8) SI | Hemudu | 4900–4700 BC | river edge (waterlogged) |
| Tianluoshan | T302 (6) SI | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T003 (6) SI | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (6) I SI | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (5) SI | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (5) | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T003 (5) SI | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (5) T [=lower] S1 | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (5) tns | Hemudu | 4700–4500 BC | general habitation fill |
| Tianluoshan | T302 (4) SI | Hemudu | 4500–4300 BC | general habitation fill |
| Tianluoshan | T302 (4) SI | Hemudu | 4500–4300 BC | general habitation fill |
| Tianluoshan | T302 (3) SI | Hemudu | 4300–3800 BC | general habitation fill |
| Tianluoshan | T302 (3) T [=lower] S1 | Hemudu | 4300–3800 BC | general habitation fill |
| Caoxieshan | CXS TO422 (1) E. section | Majiabang | 4000BC | cultural layer |
| Caoxieshan | CXS TO422 (3) E. section | Majiabang | 4000BC | cultural layer |
| Caoxieshan | CXS TO422 (4) E. section | Majiabang | 4000BC | cultural layer |
| Caoxieshan | CXS TO422 (6)E. section | Majiabang | 4000BC | natural |
| Caoxieshan | CXS TO422 H15 | Majiabang | 4000BC | platform |
| Caoxieshan | CXS TO422 F1 (1)–C | Majiabang | 4000BC | floor |
| Caoxieshan | CXS TO422 F1 found. | Majiabang | 4000BC | floor foundation |
| Caoxieshan | CXS TO422 S1 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS TO422 S4 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS TO422 S5 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS TO422 S6 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS S21 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS S23–1 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS S24 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS S27 | Majiabang | 4000BC | field palaeosol |
| Caoxieshan | CXS S29 | Majiabang | 4000BC | field palaeosol |
| Maoshan | 09YMTN 12E12–12 | Majiabang | ?4500–4000 BC | general habitation fill |
| Maoshan | 09YLM TN9E12–11 | Majiabang | ?4500–4000 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4–1–a | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4–1–b | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4–1–d | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4-1-e | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4–1–f | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN10–11E12G4–3 | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YMTN 12E12–10 | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YMTN 12E12–9 | Liangzhu | 3300–2300 BC | general habitation fill |
| Maoshan | 09YLMTN4E9–7 | Liangzhu | 3300–2300 BC | field palaeosol |
| Maoshan | 09YLMTN4E9–8 | Liangzhu | 3300–2300 BC | field palaeosol |
| Maoshan | 09YLMTN5E13–14–8 | Liangzhu | 3300–2300 BC | field palaeosol |
| Maoshan | 09YLM I paddy II | Liangzhu | 3300–2300 BC | field palaeosol |
| Maoshan | 09YLM paddy III | Liangzhu | 3300–2300 BC | field palaeosol |
| Maoshan | 09YLM river | Liangzhu | 3300–2300 BC | ancient river fill |