**[Supplementary material]**

**Provisioning urbanism: a comparative urban-rural zooarchaeology of ancient Southwest Asia**

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**Table S1: Detailed description of the criteria used for the determination of land use zones used in this study.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Zone** | **Land use** | **Elevation (m)** | **Rainfall (mm)** | **Slope (%)** | **Soil depth (cm)** |
| lowlands | None | >2000 |   |   |   |
| highlands | Minimal | >2000 |   |   |   |
| lowlands | Minimal | 1500–2000 |   |   |   |
| highlands | Pastoralism (Marginal) | 1500–2000 | >100 |   |   |
| highlands | Minimal | 1500–2000 | <100 |   |   |
| lowlands | Pastoralism (Marginal) | 1200–1500 | >100 |   |   |
| lowlands | Minimal | 1200–1500 | <100 |   |   |
| highlands | Minimal | 1200–1500 | >300 | >60 |   |
| highlands | Pastoralism (Optimal) | 1200–1500 | >300 | 30–60 |   |
| highlands | Arboriculture | 1200–1500 | >300 | 10–30 | >30 |
| highlands | Minimal | 1200–1500 | >300 | 10–30 | <30 |
| highlands | Agriculture (Optimal) | 1200–1500 | >300 | <10 | >30 |
| highlands | Minimal | 1200–1500 | >300 | <10 | <30 |
| highlands | Minimal | 1200–1500 | 200–300 | >60 |   |
| highlands | Pastoralism (Optimal) | 1200–1500 | 200–300 | 10–60 |   |
| highlands | Agriculture (Marginal) | 1200–1500 | 200–300 | <10 | >30 |
| highlands | Minimal | 1200–1500 | 200–300 | <10 | <30 |
| highlands | Minimal | 1200–1500 | 100–200 | >60 |   |
| highlands | Pastoralism (Moderate) | 1200–1500 | 100–200 | <60 |   |
| highlands | Minimal | 1200–1500 | <100 |   |   |
| lowlands | Minimal | <1200 | >300 | >60 |   |
| lowlands | Pastoralism (Optimal) | <1200 | >300 | 30–60 |   |
| lowlands | Arboriculture | <1200 | >300 | 10–30 | >30 |
| lowlands | Minimal | <1200 | >300 | 10–30 | <30 |
| lowlands | Agriculture (Optimal) | <1200 | >300 | <10 | >30 |
| lowlands | Minimal | <1200 | >300 | <10 | <30 |
| lowlands | Minimal | <1200 | 200–300 | >60 |   |
| lowlands | Pastoralism (Optimal) | <1200 | 200–300 | 10–60 |   |
| lowlands | Agriculture (Marginal) | <1200 | 200–300 | <10 | >30 |
| lowlands | Minimal | <1200 | 200–300 | <10 | <30 |
| lowlands | Minimal | <1200 | 100–200 | >60 |   |
| lowlands | Pastoralism (Moderate) | <1200 | 100–200 | <60 |   |
| lowlands | Minimal | <1200 | <100 |   |   |
| lowlands | Agriculture (Irrigated) | located within 3km of a known irrigation channel |

**Table S2. Summary information for the samples used in this study. Bibliographic details for these samples are given below.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **﻿Site** | **Region** | **Land use group** | **Status** | **Phase** |
| Abd, Tell el' | N Mesopotamia | Moderate | rural | 2250–2000 BC |
| Abd, Tell el' | N Mesopotamia | Moderate | ?urban | 2500–2250 BC |
| Abd, Tell el' | N Mesopotamia | Moderate | ?urban | 2750–2500 BC |
| Abd, Tell el' | N Mesopotamia | Moderate | rural | 3000–2750 BC |
| Abel Beth Maacah, Tel | S Levant West | Good | ?rural | 1250–1000 BC |
| Abel Beth Maacah, Tel | S Levant West | Good | ?rural | 1500–1250 BC |
| Abel Beth Maacah, Tel | S Levant West | Good | ?rural | 1750–1500 BC |
| Abqa, Tell | S Mesopotamia | Moderate | indet. | 2500–2250 BC |
| Abu al-Kharaz, Tell | S Levant East | Good | urban | 1000–750 BC |
| Abu al-Kharaz, Tell | S Levant East | Good | indet. | 1500–1250 BC |
| Abu al-Kharaz, Tell | S Levant East | Good | indet. | 3000–2750 BC |
| Abu en-Ni'aj, Tell | S Levant East | Good | rural | 2500–2250 BC |
| Abu Matar, Bir | S Levant West | Moderate | rural | 4000–3750 BC |
| Abu Matar, Bir | S Levant West | Moderate | rural | 4250–4000 BC |
| Abu Salabikh | S Mesopotamia | Good | urban | 2500–2250 BC |
| Afis, Tell | N Levant | Good | urban | 0500–250 BC |
| Afis, Tell | N Levant | Good | urban | 0750–500 BC |
| Afis, Tell | N Levant | Good | urban | 1000–750 BC |
| Afis, Tell | N Levant | Good | urban | 1250–1000 BC |
| Afis, Tell | N Levant | Good | ?rural | 3250–3000 BC |
| Ai/ et-Tell | S Levant West | Good | rural | 1000–750 BC |
| Ai/ et-Tell | S Levant West | Good | ?urban | 2750–2500 BC |
| Ai/ et-Tell | S Levant West | Good | urban | 3000–2750 BC |
| Ai/ et-Tell | S Levant West | Good | indet. | 3000–2750 BC |
| Ai/ et-Tell | S Levant West | Good | ?rural | 3250–3000 BC |
| Ai/Khirbet Radanna | S Levant West | Good | rural | 1250–1000 BC |
| Ain Dara | N Levant | Good | urban | 0750–500 BC |
| Ain Dara | N Levant | Good | urban | 1000–750 BC |
| Aphek, Tel | S Levant West | Good | ?rural | 1000–750 BC |
| Aphek, Tel | S Levant West | Good | ?rural | 1250–1000 BC |
| Aphek, Tel | S Levant West | Good | urban | 1500–1250 BC |
| Aphek, Tel | S Levant West | Good | indet. | 1750–1500 BC |
| Aphek, Tel | S Levant West | Good | urban | 2000–1750 BC |
| Aphek, Tel | S Levant West | Good | ?urban | 3000–2750 BC |
| Aphek, Tel | S Levant West | Good | indet. | 3500–3250 BC |
| Arad, Tel | S Levant West | Good | indet. | 3000–2750 BC |
| Arad, Tel | S Levant West | Good | indet. | 3250–3000 BC |
| Arbid, Tell | C Mesopotamia | Good | indet. | 2000–1750 BC |
| Arbid, Tell | C Mesopotamia | Good | ?urban | 2250–2000 BC |
| Arbid, Tell | C Mesopotamia | Good | urban | 2250–2000 BC |
| Arbid, Tell | C Mesopotamia | Good | urban | 2500–2250 BC |
| Arbid, Tell | C Mesopotamia | Good | urban | 2750–2500 BC |
| Arbid, Tell | C Mesopotamia | Good | urban | 3000–2750 BC |
| Arjoune | N Levant | Good | rural | 5000–4750 BC |
| Aroer, Tel | S Levant West | Moderate | indet. | 0750–500 BC |
| Arslantepe | N Mesopotamia | Good | ?urban | 1500–1250 BC |
| Arslantepe | N Mesopotamia | Good | ?rural | 3000–2750 BC |
| Arslantepe | N Mesopotamia | Good | ?urban | 3250–3000 BC |
| Arslantepe | N Mesopotamia | Good | ?urban | 3750–3500 BC |
| Arslantepe | N Mesopotamia | Good | ?rural | 4250–4000 BC |
| Ashdod Beach | S Levant West | Good | rural | 1500–1250 BC |
| Ashkelon | S Levant West | Good | urban | 0750–500 BC |
| Ashquelon Afridar  | S Levant West | Good | rural | 3500–3250 BC |
| Asmar, Tell | S Mesopotamia | Good | urban | 2250–2000 BC |
| Asmar, Tell | S Mesopotamia | Good | ?urban | 2500–2250 BC |
| Atchana, Tell (Alalakh) | N Levant | Good | ?urban | 1500–1250 BC |
| Atchana, Tell (Alalakh) | N Levant | Good | ?urban | 1750–1500 BC |
| Atij, Tell | C Mesopotamia | Moderate | ?rural | 2750–2500 BC |
| Atij, Tell | C Mesopotamia | Moderate | rural | 3000–2750 BC |
| Atiqeh, Tepe al- | S Mesopotamia | Moderate | rural | 2500–2250 BC |
| Azor, Tel | S Levant West | Good | rural | 3500–3250 BC |
| Bab edh-Dhra | S Levant East | Moderate | ?urban | 2750–2500 BC |
| Bakr Awa | S Mesopotamia | Moderate | ?urban | 1500–1250 BC |
| Bakr Awa | S Mesopotamia | Moderate | ?urban | 2000–1750 BC |
| Bakr Awa | S Mesopotamia | Moderate | ?urban | 2250–2000 BC |
| Bakr Awa | S Mesopotamia | Moderate | ?urban | 2500–2250 BC |
| Basatin, al- | S Levant East | Good | rural | 3500–3250 BC |
| Basur Hoyuk | C Mesopotamia | Good | ?rural | 2000–1750 BC |
| Batrawy, Khirbet al- | S Levant East | Moderate | rural | 2250–2000 BC |
| Batrawy, Khirbet al- | S Levant East | Moderate | indet. | 2500–2250 BC |
| Batrawy, Khirbet al- | S Levant East | Moderate | ?urban | 2750–2500 BC |
| Bderi, Tell | C Mesopotamia | Moderate | ?urban | 1500–1250 BC |
| Bderi, Tell | C Mesopotamia | Moderate | ?urban | 1750–1500 BC |
| Bderi, Tell | C Mesopotamia | Moderate | indet. | 2250–2000 BC |
| Bderi, Tell | C Mesopotamia | Moderate | indet. | 2500–2250 BC |
| Bderi, Tell | C Mesopotamia | Moderate | indet. | 2750–2500 BC |
| Bderi, Tell | C Mesopotamia | Moderate | ?rural | 3000–2750 BC |
| Beer Sheba | S Levant West | Good | indet. | 0750–500 BC |
| Beer Sheba | S Levant West | Good | indet. | 1000–750 BC |
| Beer Sheba | S Levant West | Good | rural | 1250–1000 BC |
| Bet Yerah, Tel | S Levant West | Good | urban | 2750–2500 BC |
| Bet Yerah, Tel | S Levant West | Good | ?urban | 3000–2750 BC |
| Bet Yerah, Tel | S Levant West | Good | ?rural | 3250–3000 BC |
| Beth Shemesh, Tel | S Levant West | Good | ?rural | 1250–1000 BC |
| Beth Shemesh, Tel | S Levant West | Good | ?rural | 1500–1250 BC |
| Bethsaida/ et-Tell | S Levant West | Good | urban | 1000–750 BC |
| Beydar, Tell | C Mesopotamia | Moderate | urban | 2250–2000 BC |
| Beydar, Tell | C Mesopotamia | Moderate | urban | 2500–2250 BC |
| Beydar, Tell | C Mesopotamia | Moderate | rural | 4000–3750 BC |
| Brak, Tell | C Mesopotamia | Good | ?urban | 2000–1750 BC |
| Brak, Tell | C Mesopotamia | Good | ?urban | 2250–2000 BC |
| Brak, Tell | C Mesopotamia | Good | urban | 2500–2250 BC |
| Brak, Tell | C Mesopotamia | Good | ?urban | 3000–2750 BC |
| Brak, Tell | C Mesopotamia | Good | ?urban | 3500–3250 BC |
| Burak, Tell el- | N Levant | Good | ?rural | 0750–500 BC |
| Burna, Tel | S Levant West | Good | indet. | 1500–1250 BC |
| Chogha Mish | S Mesopotamia | Good | rural | 0500–250 BC |
| Chogha Mish | S Mesopotamia | Good | rural | 4250–4000 BC |
| Chogha Mish | S Mesopotamia | Good | rural | 4500–4250 BC |
| Chogha Mish | S Mesopotamia | Good | rural | 4750–4500 BC |
| Chuera, Tell | N Mesopotamia | Moderate | urban | 2750–2500 BC |
| City of David/Jerusalem | S Levant West | Good | ?urban | 0750–500 BC |
| City of David/Jerusalem | S Levant West | Good | indet. | 1000–750 BC |
| City of David/Jerusalem | S Levant West | Good | ?rural | 1250–1000 BC |
| Dalit, Tel | S Levant West | Good | ?rural | 3000–2750 BC |
| Dalit, Tel | S Levant West | Good | ?rural | 3250–3000 BC |
| Dan, Tel | S Levant West | Good | urban | 0500–250 BC |
| Dan, Tel | S Levant West | Good | urban | 1000–750 BC |
| Dan, Tel | S Levant West | Good | ?urban | 1500–1250 BC |
| Deir'Alla | S Levant East | Good | indet. | 0750–500 BC |
| Deir'Alla | S Levant East | Good | ?urban | 1000–750 BC |
| Deir'Alla | S Levant East | Good | ?rural | 1250–1000 BC |
| Dor, Tel | S Levant West | Good | urban | 0500–250 BC |
| Dor, Tel | S Levant West | Good | urban | 1000–750 BC |
| Dor, Tel | S Levant West | Good | indet. | 1250–1000 BC |
| El Kowm 2 - Caracol | N Mesopotamia | Poor | rural | 3250–3000 BC |
| El Qitar | N Mesopotamia | Poor | rural | 1750–1500 BC |
| Emar | N Mesopotamia | Moderate | urban | 1500–1250 BC |
| Emar | N Mesopotamia | Moderate | urban | 2000–1750 BC |
| Emar | N Mesopotamia | Moderate | urban | 2250–000 BC |
| Erani, Tel | S Levant | Good | ?urban | 3000–2750 BC |
| Fadous-Kfarabida, Tell | N Levant | Good | ?rural | 2500–2250 BC |
| Fadous-Kfarabida, Tell | N Levant | Good | ?rural | 2750–2500 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | ?rural | 3000–2750 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | ?rural | 3500–3250 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | ?rural | 3750–3500 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | rural | 4000–3750 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | ?rural | 4500–4250 BC |
| Farukhabad, Tell | S Mesopotamia | Moderate | ?rural | 4750–4500 BC |
| Fazael 7 | S Levant West | Good | ?rural | 4000–3750 BC |
| Fazael 7 | S Levant West | Good | rural | 4250–4000 BC |
| Fukhar, Tall al- | S Levant East | Good | urban | 1000–750 BC |
| Gat Govrin | S Levant West | Good | rural | 4000–3750 BC |
| Ghanem al-Ali, Tell | N Mesopotamia | Poor | ?rural | 2500–2250 BC |
| Ghassul, Tulaylat al- | S Levant East | Good | rural | 4000–3750 BC |
| Ghassul, Tulaylat al- | S Levant East | Good | rural | 4250–4000 BC |
| Ghassul, Tulaylat al- | S Levant East | Good | rural | 4500–4250 BC |
| Ghassul, Tulaylat al- | S Levant East | Good | rural | 4750–4500 BC |
| Gilat | S Levant West | Good | rural | 4250–4000 BC |
| Gilat | S Levant West | Good | rural | 4500–4250 BC |
| Gilat | S Levant West | Good | rural | 4750–4500 BC |
| Giricano | C Mesopotamia | Good | rural | 1250–1000 BC |
| Giricano | C Mesopotamia | Good | rural | 1500–1250 BC |
| Giricano | C Mesopotamia | Good | rural | 1750–1500 BC |
| Grar | S Levant West | Good | rural | 5000–4750 BC |
| Gritille | N Mesopotamia | Good | rural | 2500–2250 BC |
| Gudeda, Tell | C Mesopotamia | Moderate | rural | 2250–2000 BC |
| Gudeda, Tell | C Mesopotamia | Moderate | rural | 2500–2250 BC |
| Habuba Kabira-Sud | N Mesopotamia | Moderate | indet. | 3250–3000 BC |
| Habuba Tall | N Mesopotamia | Moderate | rural | 1750–1500 BC |
| Habuba Tall | N Mesopotamia | Moderate | rural | 3000–2750 BC |
| Hacinebi Tepe | N Mesopotamia | Good | indet. | 3500–3250 BC |
| Hacinebi Tepe | N Mesopotamia | Good | ?rural | 3750–3500 BC |
| Hacinebi Tepe | N Mesopotamia | Good | ?rural | 4000–3750 BC |
| Hadidi, Tell | N Mesopotamia | Moderate | urban | 2000–1750 BC |
| Haft Tappeh | S Mesopotamia | Good | urban | 1500–1250 BC |
| Halawa, Tell | N Mesopotamia | Moderate | urban | 2000–1750 BC |
| Halawa, Tell | N Mesopotamia | Moderate | urban | 2250–2000 BC |
| Halawa, Tell | N Mesopotamia | Moderate | urban | 2750–2500 BC |
| Halif, Tell | S Levant West | Good | urban | 0750–500 BC |
| Halif, Tell | S Levant West | Good | indet. | 0750–500 BC |
| Halif, Tell | S Levant West | Good | urban | 1000–750 BC |
| Halif, Tell | S Levant West | Good | ?urban | 1500–1250 BC |
| Halif, Tell | S Levant West | Good | ?rural | 2750–2500 BC |
| Halif, Tell | S Levant West | Good | ?urban | 2750–2500 BC |
| Hamoukar | C Mesopotamia | Good | urban | 2500–2250 BC |
| Handaquq South, Tall-al | S Levant East | Good | urban | 2750–2500 BC |
| Haradum (Khirbet ed-Diniye) | C Mesopotamia | Poor | rural | 1750–1500 BC |
| Harasim, Tel | S Levant West | Good | urban | 0750–500 BC |
| Haror, Tel | S Levant West | Good | rural | 1250–1000 BC |
| Hassek Höyük | N Mesopotamia | Good | ?rural | 3000–2750 BC |
| Hassek Höyük | N Mesopotamia | Good | ?rural | 3250–3000 BC |
| Hayaz Höyük | N Mesopotamia | Good | rural | 3000–2750 BC |
| Hayaz Höyük | N Mesopotamia | Good | rural | 3250–3000 BC |
| Hayaz Höyük | N Mesopotamia | Good | rural | 4750–4500 BC |
| Hayyat, Tell el | S Levant East | Good | rural | 1750–1500 BC |
| Hazor, Tel | S Levant West | Good | urban | 0750–500 BC |
| Hazor, Tel | S Levant West | Good | urban | 1000–750 BC |
| Hazor, Tel | S Levant West | Good | ?rural | 1250–1000 BC |
| Hazor, Tel | S Levant West | Good | urban | 1750–1500 BC |
| Hesban, Tell | S Levant East | Moderate | ?rural | 1000–750 BC |
| Hesban, Tell | S Levant East | Moderate | indet. | 1250–1000 BC |
| Hesi, Tell el- | S Levant West | Good | urban | 0500–250 BC |
| Hesi, Tell el- | S Levant West | Good | urban | 1000–750 BC |
| Hesi, Tell el- | S Levant West | Good | ?rural | 1250–1000 BC |
| Hesi, Tell el- | S Levant West | Good | urban | 2750–2500 BC |
| Hiba (Lagash), Tell al- | S Mesopotamia | Good | urban | 2500–2250 BC |
| Hibemerdon Tepe | C Mesopotamia | Good | ?rural | 1000–750 BC |
| Hibemerdon Tepe | C Mesopotamia | Good | ?rural | 1500–1250 BC |
| Hibemerdon Tepe | C Mesopotamia | Good | indet. | 2000–1750 BC |
| Hilwa, Tell | C Mesopotamia | Good | rural | 3250–3000 BC |
| Hirbet el Mšāš (Tel Masos) | S Levant West | Good | rural | 1000–750 BC |
| Hirbet el Mšāš (Tel Masos) | S Levant West | Good | rural | 1250–1000 BC |
| Horum Höyük | N Mesopotamia | Good | ?rural | 1000–750 BC |
| Horum Höyük | N Mesopotamia | Good | ?rural | 2000–1750 BC |
| Horum Höyük | N Mesopotamia | Good | ?rural | 3000–2750 BC |
| Horum Höyük | N Mesopotamia | Good | ?rural | 4000–3750 BC |
| Illin Tahtit Horvat | S Levant West | Good | rural | 3250–3000 BC |
| Ira, Tel | S Levant West | Good | rural | 1000–750 BC |
| Isin - Išān Baḥrīyāt | S Mesopotamia | Good | urban | 1250–1000 BC |
| Isin - Išān Baḥrīyāt | S Mesopotamia | Good | urban | 1500–1250 BC |
| Isin - Išān Baḥrīyāt | S Mesopotamia | Good | urban | 1750–1500 BC |
| Iskandar, Khirbat | S Levant East | Moderate | rural | 2500–2250 BC |
| Izbet Sartah  | S Levant West | Good | rural | 1250–1000 BC |
| Jarmo, Qalat | C Mesopotamia | Good | rural | 4750–4500 BC |
| Jawa, Tall | S Levant East | Moderate | indet. | 0750–500 BC |
| Jawa, Tall | S Levant East | Moderate | indet. | 1000–750 BC |
| Jawa, Tall | S Levant East | Moderate | indet. | 4250–4000 BC |
| Jebel Aruda | N Mesopotamia | Moderate | rural | 3500–3250 BC |
| Jemmeh, Tell | S Levant West | Good | ?urban | 0750–500 BC |
| Jemmeh, Tell | S Levant West | Good | indet. | 1500–1250 BC |
| Jemmeh, Tell | S Levant West | Good | ?rural | 1750–1500 BC |
| Jerablus-Tahtani | N Mesopotamia | Good | rural | 2000–1750 BC |
| Jericho | S Levant West | Good | rural | 1000–750 BC |
| Jericho | S Levant West | Good | urban | 2000–1750 BC |
| Jericho | S Levant West | Good | urban | 2750–2500 BC |
| Jofiyeh, Tell | S Levant East | Good | rural | 1000–750 BC |
| Kabri Tel | S Levant West | Good | ?urban | 1000–750 BC |
| Kabri Tel | S Levant West | Good | urban | 1750–1500 BC |
| Kabri Tel | S Levant West | Good | ?rural | 3250–3000 BC |
| Kadesh Barnea | S Levant West | Poor | ?urban | 1000–750 BC |
| Kamid El-Loz | N Levant | Good | urban | 1250–1000 BC |
| Kamid El-Loz | N Levant | Good | urban | 1500–1250 BC |
| Kamid El-Loz | N Levant | Good | urban | 1750–1500 BC |
| Karrana 3, Tell | C Mesopotamia | Good | ?rural | 3500–3250 BC |
| Kashkashok | C Mesopotamia | Moderate | urban | 2250–2000 BC |
| Kavusan Hoyuk | C Mesopotamia | Good | rural | 1250–1000 BC |
| Kavusan Hoyuk | C Mesopotamia | Good | rural | 1500–1250 BC |
| Kazane Hoyuk | N Mesopotamia | Good | urban | 2750–2500 BC |
| Kazel, Tell | N Levant | Good | ?urban | 1500–1250 BC |
| Kenan Tepe | C Mesopotamia | Good | ?urban | 1750–1500 BC |
| Khanijdal East | C Mesopotamia | Good | rural | 4500–4250 BC |
| Khatuniyeh, Khirbet | C Mesopotamia | Good | rural | 1000–750 BC |
| Kinet Höyük | N Levant | Good | rural | 1250–1000 BC |
| Kinet Höyük | N Levant | Good | ?rural | 1500–1250 BC |
| Kinet Höyük | N Levant | Good | rural | 1500–1250 BC |
| Kinrot, Tel | S Levant West | Good | indet. | 1500–1250 BC |
| Kinrot, Tel | S Levant West | Good | urban | 2750–2500 BC |
| Knedig, Tell | C Mesopotamia | Indeterminate | indet. | 1500–1250 BC |
| Körtepe | N Mesopotamia | Good | rural | 4500–4250 BC |
| Korucupepe | N Mesopotamia | Good | indet. | 1000–750 BC |
| Korucupepe | N Mesopotamia | Good | indet. | 1500–1250 BC |
| Korucupepe | N Mesopotamia | Good | ?urban | 2000–1750 BC |
| Korucupepe | N Mesopotamia | Good | indet. | 2750–2500 BC |
| Kosak Shamali, Tell | N Mesopotamia | Good | ?rural | 3250–3000 BC |
| Kosak Shamali, Tell | N Mesopotamia | Good | rural | 4000–3750 BC |
| Kosak Shamali, Tell | N Mesopotamia | Good | rural | 4500–4250 BC |
| Kosak Shamali, Tell | N Mesopotamia | Good | rural | 5000–4750 BC |
| KS-54 | S Mesopotamia | Good | rural | 3250–3000 BC |
| KS-54 | S Mesopotamia | Good | rural | 3500–3250 BC |
| Kuran, Tell | C Mesopotamia | Good | rural | 3250–3000 BC |
| Kuran, Tell | C Mesopotamia | Good | rural | 4000–3750 BC |
| Kuran, Tell | C Mesopotamia | Good | rural | 4750–4500 BC |
| Kurban Hoyuk | N Mesopotamia | Good | ?urban | 2250–2000 BC |
| Kurban Hoyuk | N Mesopotamia | Good | urban | 2500–2250 BC |
| Kurban Hoyuk | N Mesopotamia | Good | rural | 3000–2750 BC |
| Kurban Hoyuk | N Mesopotamia | Good | ?rural | 4000–3750 BC |
| Lachish | S Levant West | Good | urban | 1000–750 BC |
| Lachish | S Levant West | Good | urban | 1250–1000 BC |
| Lachish | S Levant West | Good | urban | 1500–1250 BC |
| Lachish | S Levant West | Good | ?rural | 2000–1750 BC |
| Leilan, Tell | C Mesopotamia | Good | urban | 2250–2000 BC |
| Leilan, Tell | C Mesopotamia | Good | ?urban | 3500–3250 BC |
| Lidar Hoyuk | N Mesopotamia | Good | urban | 0500–0250 BC |
| Lidar Hoyuk | N Mesopotamia | Good | urban | 1500–1250 BC |
| Lidar Hoyuk | N Mesopotamia | Good | urban | 2000–1750 BC |
| Lidar Hoyuk | N Mesopotamia | Good | ?urban | 3000–2750 BC |
| Lod, Tel | S Levant West | Good | rural | 3250–3000 BC |
| Madaba, Tell | S Levant East | Moderate | ?rural | 1000–750 BC |
| Madaba, Tell | S Levant East | Moderate | urban | 3000–2750 BC |
| Mafjer, Tell el- | S Levant West | Good | rural | 4500–4250 BC |
| Magal, Tel | S Levant West | Good | indet. | 2750–2500 BC |
| Magal, Tel | S Levant West | Good | indet. | 3000–2750 BC |
| Malhata, Tel | S Levant West | Good | rural | 1000–750 BC |
| Manahat | S Levant West | Good | rural | 1500–1250 BC |
| Manahat | S Levant West | Good | rural | 1750–1500 BC |
| Mardikh (Ebla), Tell  | N Levant | Good | urban | 2000–1750 BC |
| Mardikh (Ebla), Tell  | N Levant | Good | urban | 2250–2000 BC |
| Mardikh (Ebla), Tell | N Levant | Good | urban | 2500–2250 BC |
| Mari (Tell Hariri) | C Mesopotamia | Poor | urban | 2750–2500 BC |
| Marj Rabba | S Levant West | Good | rural | 4750–4500 BC |
| Marj Rabba | S Levant West | Good | rural | 5000–4750 BC |
| Masaikh, Tell (Kar-Ashurnasirpal) | C Mesopotamia | Poor | urban | 1000–750 BC |
| Masaikh, Tell (Kar-Ashurnasirpal) | C Mesopotamia | Poor | urban | 2000–1750 BC |
| Mašnaqa | C Mesopotamia | Moderate | rural | 2750–2500 BC |
| Mašnaqa | C Mesopotamia | Moderate | rural | 4000–3750 BC |
| Mašnaqa | C Mesopotamia | Moderate | rural | 4750–4500 BC |
| Megiddo | S Levant West | Good | urban | 0750–500 BC |
| Megiddo | S Levant West | Good | ?urban | 1000–750 BC |
| Megiddo | S Levant West | Good | urban | 1250–1000 BC |
| Megiddo | S Levant West | Good | ?rural | 1250–1000 BC |
| Megiddo | S Levant West | Good | urban | 2750–2500 BC |
| Megiddo | S Levant West | Good | ?rural | 3250–3000 BC |
| Me'ona | S Levant West | Good | urban | 3000–2750 BC |
| Metzer | S Levant West | Good | rural | 4500–4250 BC |
| Mikhal, Tel | S Levant West | Moderate | ?urban | 1500–1250 BC |
| Mikhal, Tel | S Levant West | Moderate | ?urban | 2000–1750 BC |
| Minsahlat, Khirbet el- | S Levant East | Moderate | ?rural | 2500–2250 BC |
| Miqne (Ekron), Tel | S Levant West | Good | urban | 0750–500 BC |
| Miqne (Ekron), Tel | S Levant West | Good | urban | 1000–750 BC |
| Miqne (Ekron), Tel | S Levant West | Good | ?urban | 1000–750 BC |
| Miqne (Ekron), Tel | S Levant West | Good | ?urban | 1250–1000 BC |
| Miqne (Ekron), Tel | S Levant West | Good | urban | 1250–1000 BC |
| Miqne (Ekron), Tel | S Levant West | Good | urban | 1500–1250 BC |
| Miqne (Ekron), Tel | S Levant West | Good | ?urban | 1750–1500 BC |
| Mišrife/Qaṭna, Tall | N Levant | Good  | urban | 2250–2000 BC |
| Mount Ebal | S Levant West | Good | rural | 1250–1000 BC |
| Moza, Tel | S Levant West | Good | rural | 1000–750 BC |
| Moza, Tel | S Levant West | Good | rural | 1750–1500 BC |
| Moza, Tel | S Levant West | Good | rural | 3500–3250 BC |
| Mozan (Urkesh), Tell | C Mesopotamia | Good | ?rural | 2000–1750 BC |
| Mozan (Urkesh), Tell | C Mesopotamia | Good | indet. | 2250–2000 BC |
| Mozan (Urkesh), Tell | C Mesopotamia | Good | urban | 2500–2250 BC |
| Mozan (Urkesh), Tell | C Mesopotamia | Good | urban | 2750–2500 BC |
| Mozan (Urkesh), Tell | C Mesopotamia | Good | urban | 3000–2750 BC |
| Mudayna, Khirbat al- | S Levant East | Moderate | rural | 1000–750 BC |
| Mudayna, Khirbat al- | S Levant East | Moderate | rural | 1250–1000 BC |
| Munbaqa/Ibrahim Garten | N Mesopotamia | Moderate | rural | 1750–1500 BC |
| Musulmantepe | C Mesopotamia | Good | ?urban | 1500–1250 BC |
| Musulmantepe | C Mesopotamia | Good | ?urban | 1750–1500 BC |
| Nader, Tell | C Mesopotamia | Good | rural | 4000–3750 BC |
| Nagila, Tel | S Levant West | Good | ?rural | 1750–1500 BC |
| Nahal Qanah | S Levant West | Good | rural | 4500–4250 BC |
| Nahal Tillah/Halif terrace | S Levant West | Good | rural | 3250–3000 BC |
| Nahal Tillah/Halif terrace | S Levant West | Good | rural | 3500–3250 BC |
| Naharya | S Levant West | Good | rural | 1500–1250 BC |
| Nebi Mend, Tell | N Levant | Good | urban | 0750–500 BC |
| Nebi Mend, Tell | N Levant | Good | ?rural | 1000–750 BC |
| Nebi Mend, Tell | N Levant | Good | indet. | 1250–1000 BC |
| Nebi Mend, Tell | N Levant | Good | ?urban | 1500–1250 BC |
| Nebi Mend, Tell | N Levant | Good | ?rural | 1500–1250 BC |
| Nebi Mend, Tell | N Levant | Good | ?urban | 1750–1500 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 2000–1750 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 2250–2000 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 2750–2500 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 3000–2750 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 3250–3000 BC |
| Nebi Mend, Tell | N Levant | Good | rural | 4000–3750 BC |
| Neve Yam | S Levant West | Good | rural | 5000–4750 BC |
| Nippur | S Mesopotamia | Good | urban | 0500–250 BC |
| Nippur | S Mesopotamia | Good | urban | 0750–500 BC |
| Nippur | S Mesopotamia | Good | urban | 1000–750 BC |
| Nippur | S Mesopotamia | Good | urban | 1500–1250 BC |
| Oueili, Tell el- | S Mesopotamia | Good | ?rural | 4500–4250 BC |
| Oueili, Tell el- | S Mesopotamia | Good | ?rural | 4750–4500 BC |
| Oueili, Tell el- | S Mesopotamia | Good | ?rural | 5000–4750 BC |
| Pella | S Levant East | Good | urban | 1000–750 BC |
| Pella | S Levant East | Good | urban | 1500–1250 BC |
| Pella | S Levant East | Good | urban | 1750–1500 BC |
| Pella | S Levant East | Good | ?urban | 3000–2750 BC |
| Pella | S Levant East | Good | ?rural | 3250–3000 BC |
| Pella | S Levant East | Good | ?rural | 4000–3750 BC |
| Porphyreon | N Levant | Good | ?rural | 0500–250 BC |
| Qarqur, Tell | N Levant | Good | ?rural | 1000–750 BC |
| Qarqur, Tell | N Levant | Good | ?rural | 2250–2000 BC |
| Qashish, Tel | S Levant West | Good | indet. | 0500–250 BC |
| Qashish, Tel | S Levant West | Good | ?urban | 1000–750 BC |
| Qashish, Tel | S Levant West | Good | ?rural | 1500–1250 BC |
| Qashish, Tel | S Levant West | Good | urban | 2000–1750 BC |
| Qashish, Tel | S Levant West | Good | urban | 2750–2500 BC |
| Qashish, Tel | S Levant West | Good | urban | 3000–2750 BC |
| Qashish, Tel | S Levant West | Good | ?rural | 3250–3000 BC |
| Qasile, Tel | S Levant West | Good | ?rural | 1250–1000 BC |
| Qeiyafa, Khirbet | S Levant West | Good | ?urban | 1000–750 BC |
| Qiri, Tel | S Levant West | Good | rural | 1000–750 BC |
| Qiryat Ata | S Levant West | Good | indet. | 3000–2750 BC |
| Qiryat Ata | S Levant West | Good | ?rural | 3250–3000 BC |
| Qitmit, Horvat | S Levant West | Good | ?rural | 1000–750 BC |
| Rad Shaqrah, Tell | C Mesopotamia | Moderate | rural | 2250–2000 BC |
| Rad Shaqrah, Tell | C Mesopotamia | Moderate | rural | 2500–2250 BC |
| Radanna/Raddana, Khirbet | S Levant West | Good | rural | 1250–1000 BC |
| Ramat Aviv Hotel  | S Levant West | Good | rural | 1750–1500 BC |
| Raqai'i, Tell | C Mesopotamia | Moderate | rural | 2500–2250 BC |
| Raqai'i, Tell | C Mesopotamia | Moderate | rural | 2750–2500 BC |
| Raqai'i, Tell | C Mesopotamia | Moderate | rural | 3000–2750 BC |
| Ras al Amiya | S Mesopotamia | Good | rural | 4500–4250 BC |
| Ras Shamra/Ugarit | N Levant | Good | urban | 1500–1250 BC |
| Ras Shamra/Ugarit | N Levant | Good | rural | 4500–4250 BC |
| Ras Shamra/Ugarit | N Levant | Good | rural | 5000–4750 BC |
| Razuk, Tell | S Mesopotamia | Moderate | ?rural | 3000–2750 BC |
| Rawda, Tell al- | N Levant | Poor | rural | 2500–2250 BC |
| Refaim Valley | S Levant West | Good | rural | 1750–1500 BC |
| Refaim Valley | S Levant West | Good | rural | 2500–2250 BC |
| Rehov, Tel | S Levant West | Good | urban | 1000–750 BC |
| Rogem Be'erotayim | S Levant West | Poor | rural | 2250–2000 BC |
| Rosh Zayit, Horbat | S Levant West | Good | urban | 1000–750 BC |
| Rubeidheh, Tell | S Mesopotamia | Moderate | rural | 3500–3250 BC |
| Sabi Abyad, Tell | N Mesopotamia | Moderate | rural | 1500–1250 BC |
| Sabi Abyad, Tell | N Mesopotamia | Moderate | rural | 1250–1000 BC |
| Safadi, Bir es- | S Levant West | Good | rural | 4000–3750 BC |
| Safadi, Bir es- | S Levant West | Good | rural | 4250–4000 BC |
| Safi (Gath), Tel es- | S Levant West | Good | urban | 0750–500 BC |
| Safi (Gath), Tel es- | S Levant West | Good | urban | 1000–750 BC |
| Safi (Gath), Tel es- | S Levant West | Good | indet. | 1250–1000 BC |
| Safi (Gath), Tel es- | S Levant West | Good | urban | 1500–1250 BC |
| Safi (Gath), Tel es- | S Levant West | Good | urban | 2750–2500 BC |
| Sa'idiyeh, Tell es- | S Levant East | Good | urban | 1000–750 BC |
| Sakan (Gaza), Tell es- | S Levant West | Good | ?rural | 2750–2500 BC |
| Sakan (Gaza), Tell es- | S Levant West | Good | ?rural | 3250–3000 BC |
| Sakhariya (Ga'eš), Tell | S Mesopotamia | Good | rural | 1500–1250 BC |
| Sakhariya (Ga'eš), Tell | S Mesopotamia | Good | rural | 1750–1500 BC |
| Sakheri Sughir | S Mesopotamia | Good | ?rural | 3000–2750 BC |
| Salat Tepe | C Mesopotamia | Good | rural | 1750–1500 BC |
| Salat Tepe | C Mesopotamia | Good | rural | 4500–4250 BC |
| Salihiyeh, Tell es- | N Levant | Poor | rural | 1750–1500 BC |
| Šarāfabād | S Mesopotamia | Good | rural | 3500–3250 BC |
| Seh Hamad, Tall | C Mesopotamia | Poor | urban | 1500–1250 BC |
| Selenkahiye | N Mesopotamia | Moderate | ?urban | 2250–2000 BC |
| Shiloh | S Levant West | Good | ?rural | 1000–750 BC |
| Shiloh | S Levant West | Good | ?rural | 1250–1000 BC |
| Shiloh | S Levant West | Good | ?rural | 1500–1250 BC |
| Shiloh | S Levant West | Good | ?rural | 1750–1500 BC |
| Shiqmim | S Levant West | Moderate | rural | 4750–4500 BC |
| Shiqmim | S Levant West | Moderate | rural | 5000–4750 BC |
| Shiukh Fawqani, Tell | N Mesopotamia | Good | ?rural | 1000–750 BC |
| Shiukh Fawqani, Tell | N Mesopotamia | Good | rural | 1250–1000 BC |
| Shiukh Fawqani, Tell | N Mesopotamia | Good | ?urban | 2750–2500 BC |
| Shoham | S Levant West | Good | rural | 3250–3000 BC |
| Shoham | S Levant West | Good | rural | 4000–3750 BC |
| Sidon | N Levant | Good | urban | 1500–1250 BC |
| Sidon | N Levant | Good | urban | 2500–2250 BC |
| Sūkās | N Levant | Good | ?rural | 2500–2250 BC |
| Sūkās | N Levant | Good | ?rural | 4000–3750 BC |
| Sweyhat, Tell es- | N Mesopotamia | Moderate | ?rural | 2250–2000 BC |
| Sweyhat, Tell es- | N Mesopotamia | Moderate | urban | 2500–2250 BC |
| Sweyhat, Tell es- | N Mesopotamia | Moderate | urban | 2750–2500 BC |
| Tatarli Höyük | N Levant | Good | ?urban | 1000–0750 BC |
| Tatarli Höyük | N Levant | Good | ?urban | 1500–1250 BC |
| Tatarli Höyük | N Levant | Good | indet. | 1750–1500 BC |
| Tatika | C Mesopotamia | Good | urban | 3000–2750 BC |
| Taur Ikhbeineh | S Levant West | Good | rural | 3250–3000 BC |
| Taur Ikhbeineh | S Levant West | Good | rural | 3500–3250 BC |
| Tawilan | S Levant East | Poor | rural | 1000–750 BC |
| Taya, Tell | C Mesopotamia | Good | urban | 2250–2000 BC |
| Taya, Tell | C Mesopotamia | Good | urban | 2500–2250 BC |
| Tayinat, Tell | N Levant | Good | urban | 1000–750 BC |
| Tayinat, Tell | N Levant | Good | ?urban | 1000–750 BC |
| Tayinat, Tell | N Levant | Good | indet. | 1250–1000 BC |
| Tayinat, Tell | N Levant | Good | ?urban | 2250–2000 BC |
| Tayinat, Tell | N Levant | Good | ?rural | 2250–2000 BC |
| Te'enim, Tel | S Levant West | Good | rural | 1750–1500 BC |
| Te'o, Tel | S Levant West | Good | rural | 3500–3250 BC |
| Te'o, Tel | S Levant West | Good | rural | 4250–4000 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | indet. | 1000–750 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | ?urban | 1500–1250 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | ?urban | 1750–1500 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | indet. | 2000–1750 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | rural | 2250–2000 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | indet. | 2500–2250 BC |
| Terqa (Tell Ashara) | C Mesopotamia | Poor | rural | 2500–2250 BC |
| Tilbeşar | N Mesopotamia | Good | urban | 1750–1500 BC |
| Timna (Tel Batash) Site 34 | S Levant West | Good | ?rural | 1250–1000 BC |
| Titris Hoyuk | N Mesopotamia | Good | urban | 2500–2250 BC |
| Tsaf, Tel | S Levant West | Good | rural | 5000–4750 BC |
| Tuneinir, Tell | C Mesopotamia | Moderate | ?rural | 2500–2250 BC |
| Tuqan, Tell | N Levant | Good | rural | 0500–250 BC |
| Tuqan, Tell | N Levant | Good | urban | 0750–500 BC |
| Tuqan, Tell | N Levant | Good | urban | 1750–1500 BC |
| Tuqan, Tell | N Levant | Good | indet. | 2250–2000 BC |
| Tuqan, Tell | N Levant | Good | rural | 2500–2250 BC |
| Turbe Hoyuk | C Mesopotamia | Good | indet. | 1500–1250 BC |
| Turbe Hoyuk | C Mesopotamia | Good | rural | 1750–1500 BC |
| Umayri, Tall al- | S Levant East | Moderate | ?rural | 1250–1000 BC |
| Umayri, Tall al- | S Levant East | Moderate | ?rural | 2750–2500 BC |
| Umayri, Tall al- | S Levant East | Moderate | ?rural | 3000–2750 BC |
| Umayri, Tall al- | S Levant East | Moderate | rural | 3250–3000 BC |
| Umm al-Biyara | S Levant East | Poor | indet. | 1000–750 BC |
| Umm el-Marra | N Mesopotamia | Moderate | ?rural | 1500–1250 BC |
| Umm el-Marra | N Mesopotamia | Moderate | ?rural | 1750–1500 BC |
| Umm el-Marra | N Mesopotamia | Moderate | urban | 1750–1500 BC |
| Umm el-Marra | N Mesopotamia | Moderate | indet. | 2000–1750 BC |
| Umm el-Marra | N Mesopotamia | Moderate | ?urban | 2250–2000 BC |
| Umm Qseir, Tell | C Mesopotamia | Moderate | rural | 4750–4500 BC |
| Uruk-Warka | S Mesopotamia | Good | urban | 2000–1750 BC |
| Uruk-Warka | S Mesopotamia | Good | urban | 3000–2750 BC |
| Uruk-Warka | S Mesopotamia | Good | urban | 3250–3000 BC |
| Uza, Horvat | S Levant West | Good | indet. | 1000–750 BC |
| Vered Yericho | S Levant West | Good | rural | 1000–750 BC |
| Yaqush, Tel | S Levant West | Good | rural | 2750–2500 BC |
| Yaqush, Tel | S Levant West | Good | ?rural | 3000–2750 BC |
| Yaqush, Tel | S Levant West | Good | ?rural | 3250–3000 BC |
| Yarim Höyük | N Mesopotamia | Good | rural | 2750–2500 BC |
| Yarmouth, Tel | S Levant West | Good | urban | 2750–2500 BC |
| Yehud, Tel | S Levant West | Good | urban | 1750–1500 BC |
| Yiftah'el | S Levant West | Good | rural | 3500–3250 BC |
| Yoqne'am | S Levant West | Good | ?urban | 1000–750 BC |
| Yoqne'am | S Levant West | Good | ?urban | 1250–1000 BC |
| Yoqne'am | S Levant West | Good | indet. | 1500–1250 BC |
| Yoqne'am | S Levant West | Good | ?urban | 1750–1500 BC |
| Yoqne'am | S Levant West | Good | ?urban | 2000–1750 BC |
| Yumuktepe (Mersim) | N Levant | Good | rural | 4250–4000 BC |
| Zeidan, Tell | N Mesopotamia | Poor | rural | 5000–4750 BC |
| Zeraqon, Hirbet es- | S Levant West | Good | urban | 2750–2500 BC |
| Zeytinli Bahçe Höyük | N Mesopotamia | Good | rural | 3250–3000 BC |
| Zeytinli Bahçe Höyük | N Mesopotamia | Good | rural | 3500–3250 BC |
| Zincirli Höyük | N Levant | Good | urban | 0750–500 BC |
| Zincirli Höyük | N Levant | Good | urban | 1000–750 BC |
| Ziyadeh, Tell | C Mesopotamia | Moderate | ?rural | 2750–2500 BC |
| Ziyadeh, Tell | C Mesopotamia | Moderate | rural | 4000–3750 BC |
| Ziyadeh, Tell | C Mesopotamia | Moderate | rural | 4250–4000 BC |
| Ziyaret Tepe | C Mesopotamia | Good | urban | 1000–750 BC |
| Ziyaret Tepe | C Mesopotamia | Good | indet. | 1500–1250 BC |
| Ziyaret Tepe | C Mesopotamia | Good | ?rural | 2500–2250 BC |



Figure S1. Ovicaprine age triplots by 1000-year groupings in each region.

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