The Southwest Social Networks (SWSN) **Project recently completed a three-year** effort to compile ceramic and obsidian data from late prehispanic (A.D. 1200-1550) sites of more than 12 rooms in the western U.S. Southwest. Material data from more than 700 sites derive from exhaustive searches of more than 240 published and unpublished data sources as well as from new field collections in poorly represented regions.

Artifact data in the SWSN database are referenced to site proveniences and standardized artifact-classification systems. The provenience data expand on those compiled in the Coalescent Communities Database (Hill et al. 2004). A unified master ceramic typology incorporates every geographically and temporally defined ceramic type and ware that archaeologists have formally defined. Metadata on collection methods are also integrated to permit data filtering as particular questions warrant.

The SWSN project is currently using the data to reconstruct and analyze prehistoric social networks and to explore Cibola White : All Decorated Wares how network structure changed over time. However, the database has enormous research potential that extends well beyond the immediate goals of this project. Here we provide a mere glimpse of this potential by presenting macroregional summary statistics and spatial graphics for several important ceramic wares and sourced obsidian artifacts.

The database continues to expand as we now work to populate it with pre-1200 sites and assemblages east of the Continental Divide. We look forward to continued collaborations with researchers in these areas, and we hope that the database will stimulate additional research among members of the archaeological community.

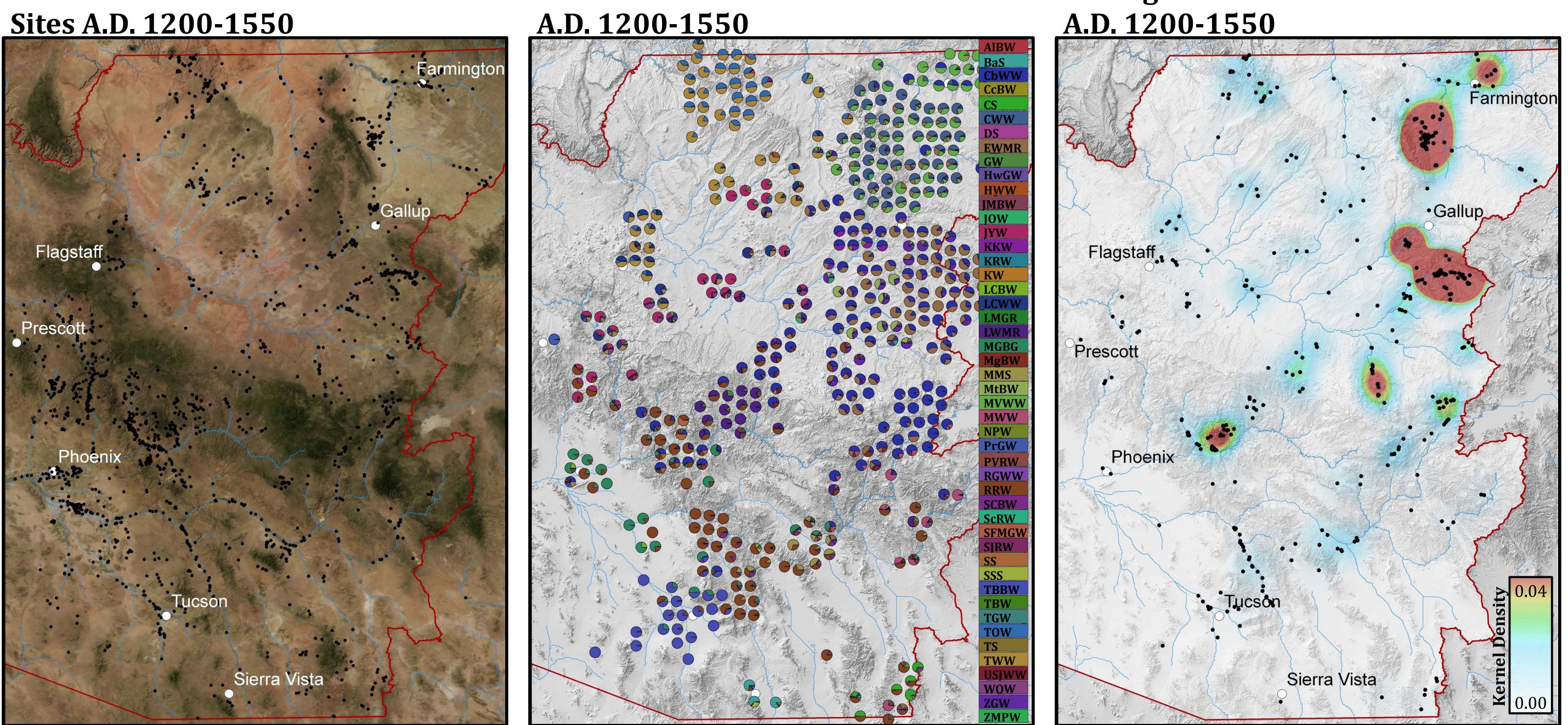
References Cited

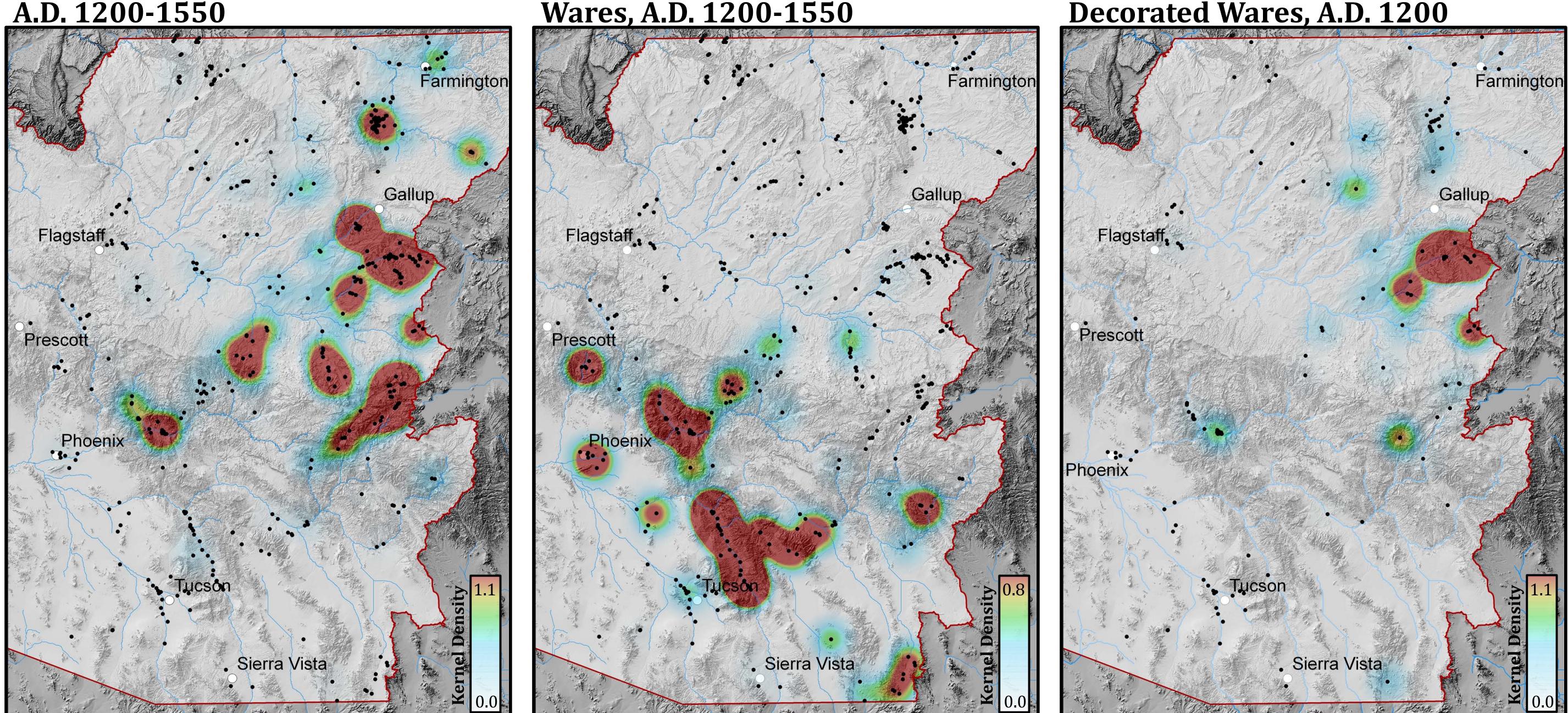
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THE SOUTHWEST SOCIAL NETWORKS DATABASE

Late Prehispanic Artifact Distributions in the Western U.S. Southwest

Wm. Randall Haas, Jr.¹, Jeffery J. Clark², Barbara J. Mills¹, Lewis Borck¹, Brett Hill^{2,3}, Deborah Huntley², Matthew Peeples^{1,2}, Susan C. Ryan¹, M. Steven Shackley⁴, Meaghan A. Trowbridge⁵ ¹The University of Arizona, ²Archaeology Southwest, ³Hendrix College, ⁴Geoarchaeological XRF Lab, ⁵Statistical Research, Inc.



Decorated Ceramic Wares

Salado Polychrome : All Decorated Wares, A.D. 1200-1550

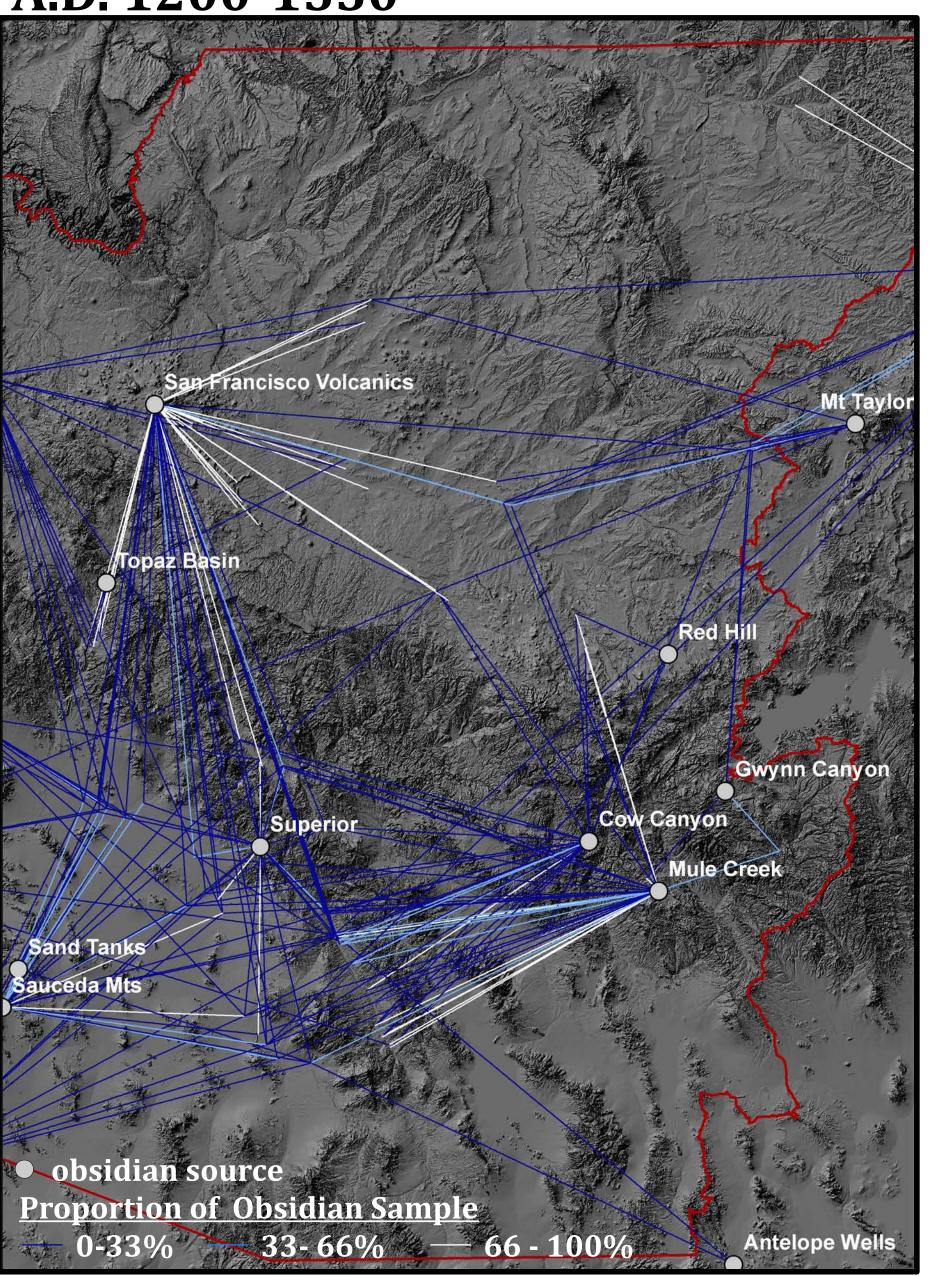
Note: Sites may be displaced from actual geographic location:

Corrugated : Plain Ware

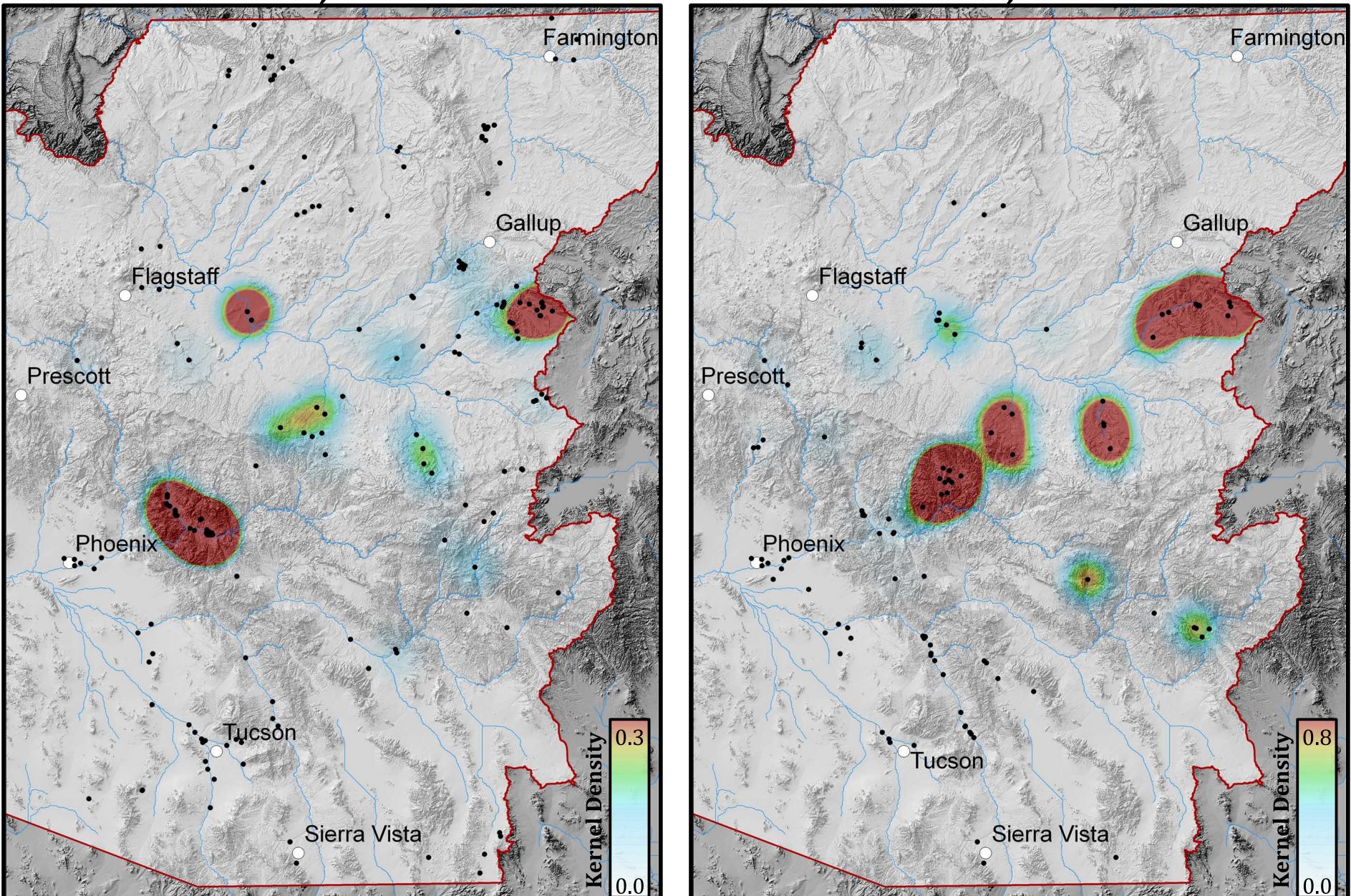
White Mountain Red : All **Decorated Wares, A.D. 1200**

Note: Ceramic counts for this time period derived using the method described in Roberts et al. (In Press).

Obsidian Site-to-Source Ties A.D. 1200-1550



White Mountain Red : All **Decorated Wares, A.D. 1250**







Legend

- site ≥13 rooms
- modern city



major drainage







Datum: NAD 1927

Projection: UTM Zone 12N **Base Maps: NASA Blue Marble and USGS National Elevation data** Note: Kernel density values express the number of sites, weighted by a given proportion (e.g., Cibola White Ware:all decorated wares), within a 30-km radiu of each 1.6 x 1.6-km cell in the study area (ESRI 2010). Ceramic maps only clude sites with 30 or more ceramics and the obsidian map only includes site with 10 or more sourced obsidian artifacts.

SWSN Data Summary

Site Data

- Sites: 2,856
- Rooms: 147,354
- Sites with ceramic samples: 709
- Sites with sourced obsidian samples: 138
- Sites with public architecture data: 620

Ceramic Data

- Total ceramics: 4.3 million
- Decorated ceramics: 848,877
- Plain ceramics: 3.3 million
- Corrugated ceramics: 529,711
- •Ceramic Types: 627 •Ceramic Wares: 104
- **Obsidian Data**
- Sourced artifacts: 5,007
- Sources: 34

White Mountain Red : All **Decorated Wares, A.D. 1350**

Note: Ceramic counts for this time period derived using the method described in Roberts et al. (In Press)

Note: Ceramic counts for this time period derived using the method described in Roberts et al. (In Press).