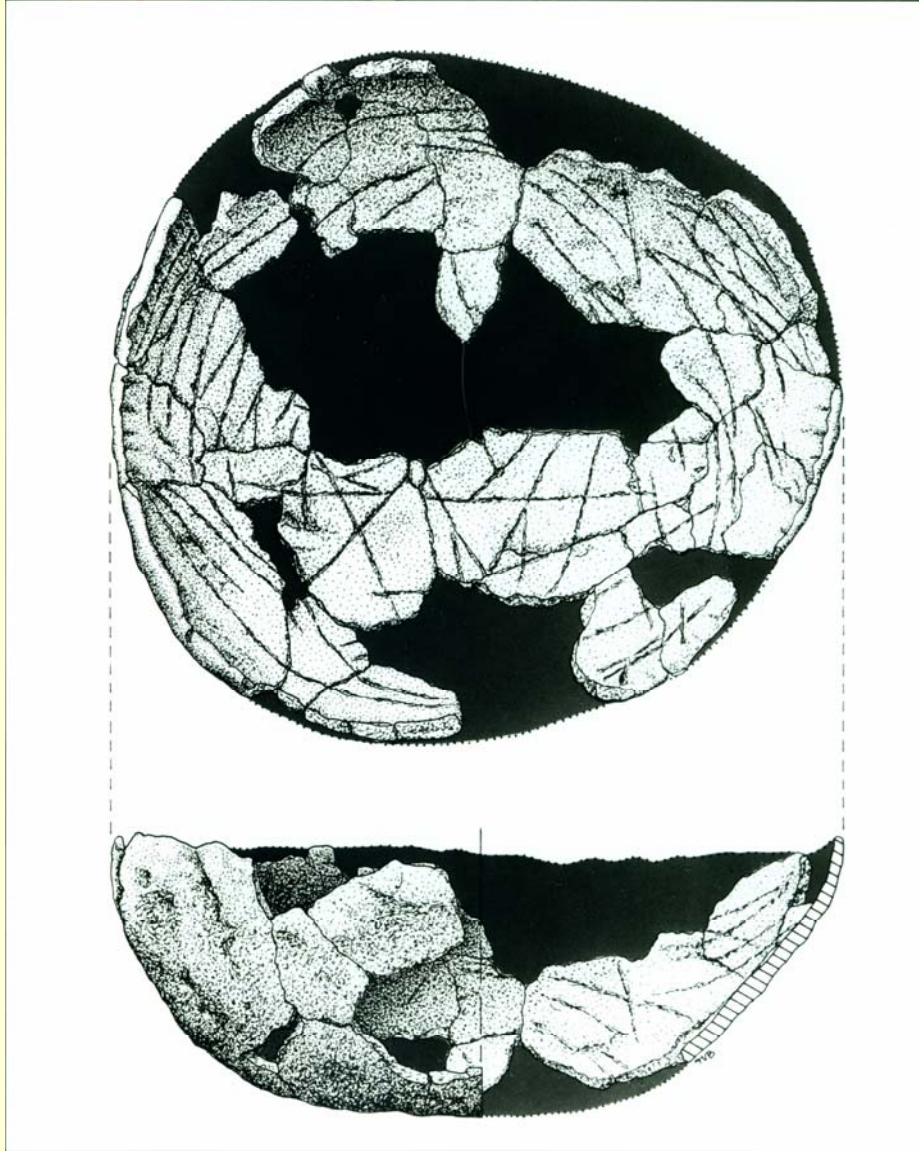


GIVEN SITE CERAMICS

AN EXAMPLE OF SISKIYOU UTILITY WARE
FROM THE UPPER ROGUE RIVER
DRAINAGE SYSTEM

Joanne Mack
Department of Anthropology
University of Notre Dame

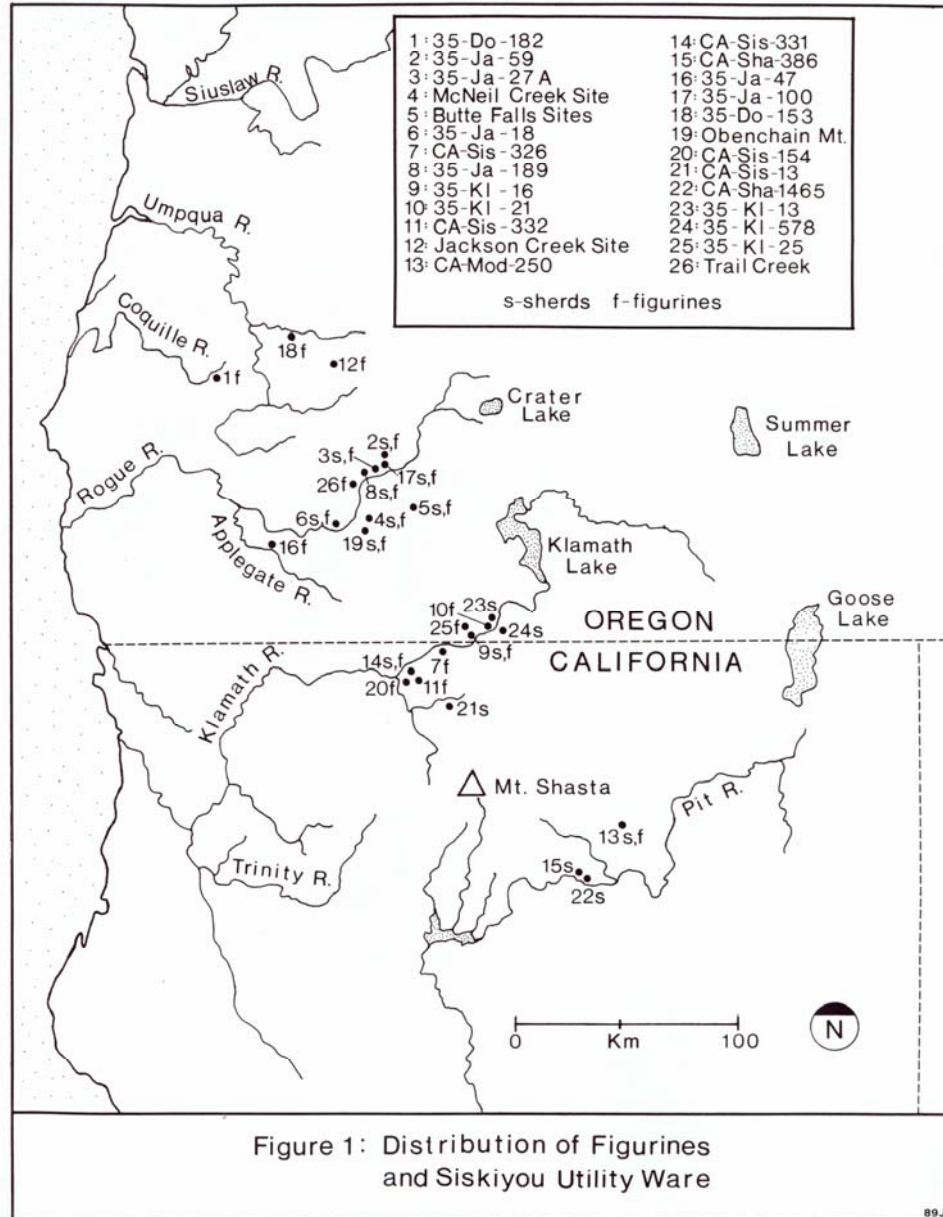


Regional Map of Southern Cascades









Site Locations

- On Terraces along Rivers
- On Benches above terraces, along streams





CHRONOLOGY

A.D. 350-A.D. 1850

CERAMIC AND CLAY FORMS

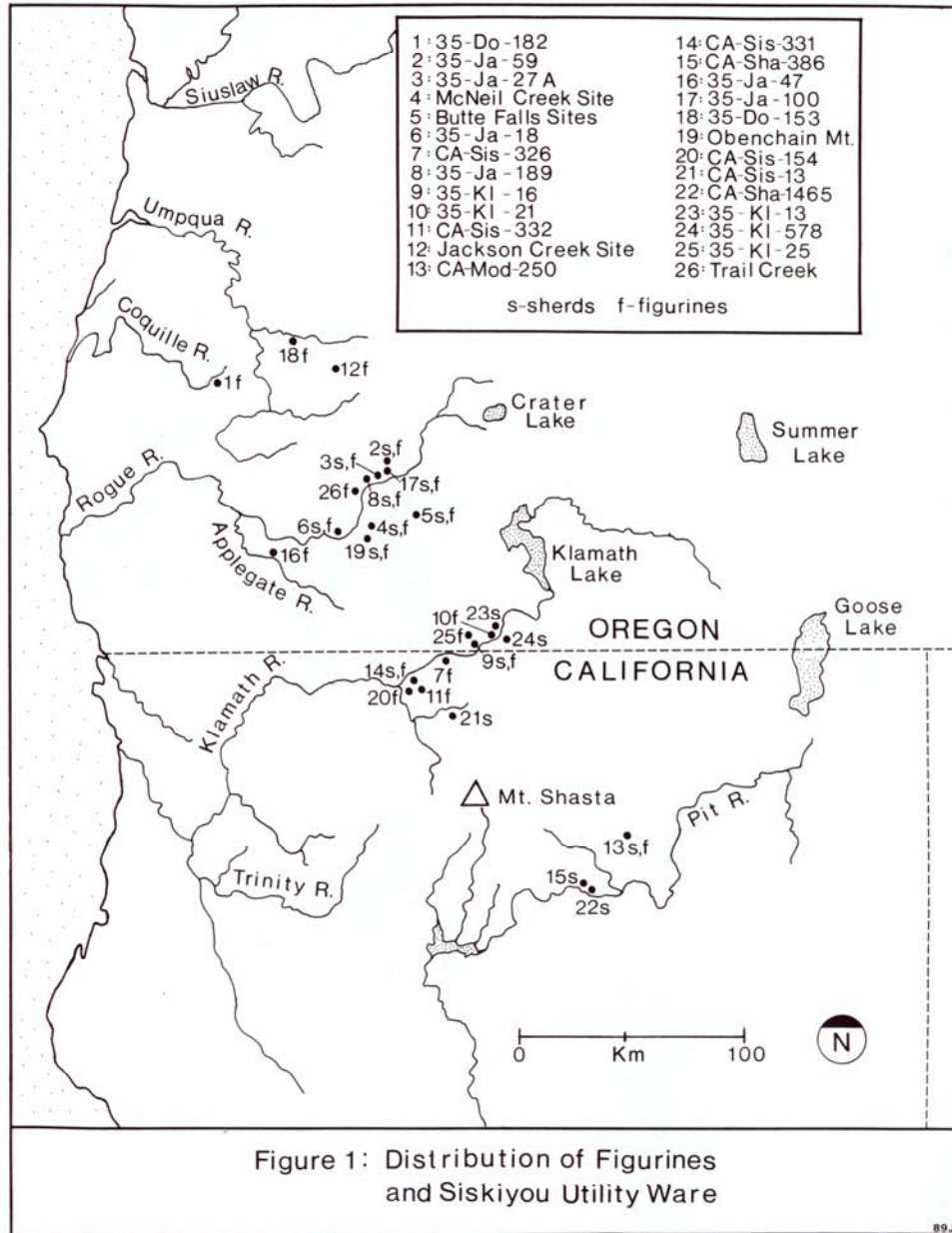
- Pottery
- Figurines
- Pipes
- Clay-lined Pits



Pottery







GEOLOGY OF CASCADES

- HIGH CASCADES:
 - Basalt
 - Andesite
 - Rhyolite
 - Welded Tuff
 - Vein Chalcedony
- WESTERN CASCADES:
 - Basalt
 - Andesite
 - Rhyolite
 - Welded Tuff
 - Sandstone Breccia
 - Porphyritic Tuff
 - Petrified Wood and Various Cryptocrystallines



CHARACTERISTICS OF CERAMIC MATERIAL CONTENT

- Residual clays
- Highly variable in percentage of non-plastic inclusions
- Non-plastic inclusions highly variable in size and material
- Sherds from various sites have been analyzed using thin-section analysis
- Possibility of added temper
- Often plant material within clay matrix
- Mineral content consistent with local volcanic geology

NON-PLASTIC INCLUSIONS

- Plagioclase feldspars
 - Silicious rock fragments
 - Basaltic rock
 - Volcanic glass shards
 - Pumice
 - Obsidian
 - Clinopyroxine
 - Hornblende
 - Sedimentary volcanoclastics
 - Opx-pyroxene
 - Magnetite
 - Apatite
 - Quartz
 - Mica (biotite and muscovite)
 - Hydrothermally altered volcanic rock (Metamorphic rock)
 - Apatite
 - Epidote
 - Hematite
- Garnet
 - Zeolite
 - Serpentine
 - Zircon
 - Silicefied Wood
 - Spinel

RELEVANT HYPOTHESES

- Ceramics made from nearest clay sources:
 - Lenses of clay along streams and rivers
 - Clay deposits within terrace formations
- Ceramics made from soil within villages
- Temper is soil from villages
- No temper is used, non-plastic inclusions naturally within clay sources

QUESTIONS OF GIVEN SITE MATERIALS

- Are pot sherds made of the same clay source as the clay lining pits?
- Are the pot sherds made of the soil from the site?
- Are the pot sherds made from some other clay source?

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