

California Cultural Geography

Trade Routes and Economic Exchange Among the Indians of California

Information from **James T. Davis**

Numbers in parentheses refer to tribe location according to the map entitled Tribes of California.

Achomawi (6e) supplied to:

Atsugewi (6f): basketry caps, salmon flour, acorns, salmon, dentalia, tule baskets, steatite, rabbit-skin blankets

Modoc (5): shell beads, bowl-shaped twined baskets, braided grass skirts, pine nut string skirts

Northeastern Maidu (17a): green pigment, obsidian, bows, arrows, deer skins, sugar pine nuts, shell beads

Northern Wintun (16a): salt, furs, bows

Northern Paiute (21a): sinew-backed bows, arrows, baskets, dried fish, women's basketry caps, clam disc beads, dried salmon flour

Unspecified Tribes: raw sinew, bows

Atsugewi (6f) supplied to:

Achomawi (6e): furs, hides, meat, seed foods, epos roots, other roots and vegetables

Northern Paiute (21a): bows, baskets, shell beads

Northeastern Maidu (17a): bows, twined baskets, furs, horses

Yana (7b,7c,7d): buckskin, arrows, wildcat quivers, woodpecker scalps

Buena Vista Yokuts (20g) supplied to:

Southern Valley Yokuts (20b): asphaltum

Central Miwok (18e) supplied to:

Eastern Mono (21b): shell beads, glass beads, acorns, squaw berries, elderberries, manzanita berries, a fungus used in paint, baskets, sea shells, arrows

Washo (11): acorns, soaproot leaves for brushes

Yokuts (20): baskets, bows, arrows

Central Wintun (16b) supplied to:

Northwestern Maidu (17b): clam disc shell beads, other shell beads

Patwin (16d): pine nuts, acorns, seeds, game, bear hides, beads, sinew-backed bows

Yuki (4a): salt

Yana (7b,7c,7d): clam disc beads, magnesite beads

Chemehuevi (21e) supplied to:

Cahuilla (21t): basketry caps, conical burden baskets

Western Yavapai: shell beads

Chilula (1d) supplied to:

Yurok (2a): white grass used in basketry

Coast Miwok (18a) supplied to:

Wappo (4d): clam shells, abalone shells

Pomo (10a-g): clam shells, clam disc beads

Coast Yuki (4c) supplied to:

Kato (1k): mussels, seaweed, dry kelp for salt, salt, surf fish, abalone, giant chiton

Karok (8): whole clam shells

Pomo (10a-g): surf fish, abalone, giant chiton, mussels, seaweed, dry kelp for salt, shells of *Hinnites giganteus*

Yuki (4c): salt, fish

Yurok (2a) supplied to:

Hupa (1c): woven pack straps, smelt, redwood dugout canoes, dried sea foods, surf fish, mussels, seaweed, dentalia

Karok (8): clam shells, pipes, bows, whole *Olivella* shells, tobacco seeds, dugout canoes

Shasta (6a): redwood dugout canoes, acorns, baskets, salt, dentalia

Wiyot (3): *Iris* fiber rope



Costanoan (19c, 19f) supplied to:

Yokuts (20): mussels, abalone shells, salt, dried abalone

Sierra Miwok (18): *Olivella* shells



Digueño (15b) supplied to:

Mohave (15f): acorns

Kamia (15c): tobacco, acorns, baked mescal roots, *yucca* fiber, sandals, baskets, carrying nets, eagle feathers

Yuma (15d): acorns

Cocopa: eagle feathers



Eastern Mono (21b) supplied to:

"The West" (Central Miwok, Southern Miwok, Western Mono, Tnbatulabal, Yokuts): mineral paint, salt, pine nuts, seed food, obsidian, rabbit-skin blankets, tobacco, baskets, buckskin, pottery vessels, clay pipes

Central Miwok (18e): pine nuts, pandora moth caterpillars, kutsavi, baskets, red paint, white paint, salt, pumic stone, rabbit-skin blankets

Southern Miwok (18f): rabbit-skin blankets, basketry materials

Tule-Kaweah Yokuts (20e): sinew-backed bows, nuts, obsidian, moccasins, rock salt, jerked deer meat, hot rock lifters

Kings River Yokuts (20d): red paint

Washo (11): kutsavi

Koso (21d): shell beads, various goods

Western Mono (21c): mineral paint, pitch-lined basketry water bottles, acorns, rock salt, piñon nuts, mountain sheep-skins, moccasins, tailored sleeveless buckskin jackets, fox-skin leggings, hot rock lifters, sinew-backed bows, unfinished obsidian arrowheads, red paint

Yokuts (20): salt, piñon nuts

Tnbatulabal (21g): salt, pine nuts, baskets, red and white paint, tanned deer skins, kutsavi, pandora moth caterpillars



Gabrielino (21m) supplied to:

Serrano (21h, 21k): shell beads, dried fish, sea otter pelts, steatite vessels



Halchidhoma (15e) supplied to:

Maricopa: tobacco seeds
Hopi: woven blankets and cloth



Huchnom (4b) supplied to:

Yuki (4c): clam disc beads, sea foods, clams, salt, whole clam shells, kelp
Lassik (1h): clam disc beads



Hupa (1c) supplied to:

Yurok (2a): inland foods, skins, acorns
Mattole (1f): grass for rope, pine nut beads
Shasta (6a): acorns, baskets, dentalia, salt



Island Chumash (14h) supplied to:

Mainland Chumash (14d): chipped stone implements, fish bone beads, shell beads, baskets, a dark stone for digging-stick weights



Kamia (15c) supplied to:

Diegueño (15b): vegetal foods, salt
Yuma: tobacco



Karok (8) supplied to:

Shasta (6a): tobacco seeds, baskets, dentalia, salt, seaweed, tan oak acorns, canoes, pods for hair dressing, pepperwood, *Haliotis* ornaments, *Haliotis* shells, whole *Olivella* shells
Tolowa (1b): soaproot, pine nut beads
Konomihu (6c): dentalia, baskets
Yurok (2a): dentalia



Kato (1k) supplied to:

Lassik (1h): clam disc beads
Coast Yuki (4c): hazelwood bows
Wailaki (1j): baskets, arrows, clothing

Kings River Yokuts (20d) supplied to:

Tule-Kaweah Yokuts (20e): clay for pottery, black paint, black sword fern rood and redbud bark for basketry

Konomihu (6c) supplied to:

Karok? (8): furs, deer-skin clothing

New River Shasta? (6b): clam disc beads

Koso (21d) supplied to:

Eastern Mono (21b): salt

Mainland Chumash (14d) supplied to:

Kitanemuk (21h): wooden vessels inlaid with *Haliotis* shell

Island Chumash (14h): seeds, acorns, bows, arrows

Southern Valley Yokuts (20b): shell beads, whole pismo clam shells, *Haliotis* shells, *Olivella* shells, keyhole limpit shells, cowrie shells, sea urchin shells, dried starfish

Yokuts (20): shell ornaments

Tübatulabal (21g): shell beads, shell cylinders, steatite, asphaltum, fish

Salinan (13b): steatite vessels, columella beads

Mattole (1f) supplied to:

Hupa (1c): *Angelica* root, tobacco, *Haliotis* shell, various foods

Wiyot (3): tobacco, *Haliotis* shell, various foods

Modoc (5) supplied to:

Klamath: human slaves from surrounding tribes, shallow bowl-shaped twined baskets, blankets, beads, clothing, axes, spears, fishhooks

Achomawi (6e): furs, bows, dentalia, horses

Shasta (6a): buckskin dresses and shirts

Mohave (15f) supplied to:**Western Mono-Yokuts (21c):** pottery**Diegueño (15b):** gourd seeds**Havasupai:** horses**Yuma:** gourds, eagle feathers**Walapai:** horses, shells (halketap), shell beads, glass beads, beadwork, corn, dried pumpkin, screw beans, mesquite beans, kwa'va seeds, beans**New River Shasta (6b) supplied to:****Konomihu (6c):** furs, deer skin clothing**Nongatl (1g) supplied to:****Lassik (1h):** dentalia**Karok (8):** salt**Northeastern Maidu (17a) supplied to:****Atsugewi (6f):** deer hides, clam disc beads, coiled baskets, skins, bows**Northwestern Maidu (17b):** bows and arrows, skins, sugar pine nuts, shell beads, deer hides, miscellaneous foods, acorns**Northern Paiute (21a):** dentalia**Washo (11):** *Papam* bulbs**Achomawi (6e):** clam disc beads, salt, digger pine nuts**Northern Hill Yokuts (20c) supplied to:****Western Mono (21c):** acorns, willow bark baskets, shell beads**Northern Miwok (18d) supplied to:****Plains Miwok (18c):** finished arrowheads, digger pine nuts, salt, obsidian**Washo (11):** acorns, shell beads, sea shells, baskets**Northern Paiute (21a) supplied to:**

Achomawi (6e): basketry water bottles, sinew, arrowheads, red paint, buckskins, moccasins, rabbit-skin blankets, various foods

Atsugewi (6f): horses, buckskins, red ochre, glass beads, guns, *Olivella* beads

Northern Valley Yokuts (20a) supplied to:

Miwok (18): dogs

Northern Wintun (16a) supplied to:

Shasta (6a): deer hides, woodpecker scalps, baskets, acorns, pine nut beads, clam disc beads, dried salmon, clams, shell beads

Chimariko (9): obsidian

Atsugewi (6f): clam disc beads, dentalia, acorns

Lassik (1h): salt, obsidian

Yana (7b-d): magnesite beads

Hupa (1c): salt

Nongatl (1g): salt

Northwestern Maidu (17b): shell beads

Kato (1k): salt

Achomawi (6e): salmon flour, clam disc beads, dentalia

Central Wintun (16b): obsidian

Northwestern Maidu (17b) supplied to:

Northeastern Maidu (17a): clam disc beads, other shell beads, salmon, salt, "digger" pine nuts

Patwin (16d): obsidian

Southern Maidu (17c): log rafts

Yana (7b-d): clam disc beads

Patwin (16d) supplied to:

Central Wintun (16b): salmon, river otter pelts, game, beads

Pomo (10a-g): woodpecker scalp belts, cordage for making deer nets, shell beads, sinew-backed bows, yellow hammer headbands

Wappo (4d): sinew-backed bows

Southern Maidu (17c): shell beads, abalone shells

Plains Miwok (18c) supplied to:

Northern Miwok (18d): grass seeds, fish

Pomo (10a-g) supplied to:

Yuki (4a): *Hinnites* shell beads, clam disc beads, dentalia, moccasins, sea shells, shell beads, dried *Haliotis*, mussels, seaweed, salt, magnesite beads

Huchnom (4b): clam disc beads

"The North": shell beads

Lake Miwok (18b): acorns

Wappo (4d): tule mats, magnesite beads, sinew-backed bows, fish

Patwin (16d): shell beads, salt, obsidian, fish, clams

Coast Yuki (4c): clam disc beads, acorns, fire drills of buckeye wood

Salinan (13b) supplied to:

Yokuts (20): shell beads, whole shells

Serrano (21h,21k) supplied to:

Gabrielino (21m): acorns, deerskins, seed foods

Yuma (15d) supplied to:

Diegueño (15b): gourd seeds

Western Yavapai: glass trade beads, dried pumpkin, maize, beans, melons

Cahuilla (21t): gourd rattles

Kamia (15c): tobacco

Shasta (6a) supplied to:

Northern Wintun (16a): deerskins, sugar pine nuts, green pigment, bows, arrowheads, manzanita berries, pelts, meat, dentalia, obsidian

Yahi (7d): obsidian

Karok (8): juniper beads, basketry caps, salt, dentalia, white deer skins, woodpecker scalps, whole *Olivella* shells, large obsidian blades, obsidian, deer skins, sugar pine nuts, wolf skins, horn for spoons

Rogue River Athabaskan: acorn flour

Modoc (5): bows, dentalia

Klamath: bows, clam disc beads, conical burden baskets

Yurok (2a): horn for spoons

Achomawi (6e): dentalia

Hupa (1c): horn for spoons

Southern Maidu (17c) supplied to:

Washo (11): acorns

Patwin (16d): obsidian, yellow hammer and woodpecker feathers, shell beads

Southern Miwok (18f) supplied to:

Eastern Mono (21b): clam disc beads

Southern Valley Yokuts (20b) supplied to:

Mainland Chumash (14d): fish, obsidian, salt from salt grass, seed foods, steatite beads, various herbs, vegetables

Tule-Kaweah Yokuts (20e): tule mats, shell beads

"The East": shell money

Western Mono (21c): white paint

Tolowa (1b) supplied to:

Karok (8): smelt, dentalia

Rogue River Athabaskans: women's basketry caps, eating baskets, trinket baskets

Tübatulabal (21g) supplied to:

Eastern Mono (21b): shell beads, acorns, manzanita berries, elderberries, baskets, rabbit-skin blankets

Mainland Chumash (14d): piñon nuts

Yokuts (20): piñon nuts

Kawaiisu (21f): concave-based arrow heads, double-notched base arrow heads

Tule-Kaweah Yokuts (20e) supplied to:

Kings River Yokuts (20d): *Cladium* roots, bunch grass, soaproot brushes, salt from salt grass, baskets, various roots and herbs

Eastern Mono (21b): deer, antelope and elk skins, steatite, salt from salt grass, baskets, shell beads

Southern Valley Yokuts (20b): steatite, coiled baskets, burden baskets, pottery vessels

Wailaki (1j) supplied to:

Lassik (1h): salt, calm disc beads

Karok (8): dentalia

Yuki (4a): whole clam shells, bows

Kato (1k): dentalia

Wappo (4d) supplied to:

"Neighboring Groups": salt

Washo (11) supplied to:

Northern Miwok (18d): salt

Sierra Miwok (18): salt, piñon nuts, buffalo skin robes, rabbit-skin blankets

Western Mono (21c) supplied to:

Eastern Mono (21b): clam disc beads, canes for arrows, acorn meal, fine Yokuts' baskets, tubular clam beads, shell beads, acorns, manzanita berries, squaw berries, elderberries, rabbit-skin blankets

Southern Valley Yokuts (20b): salt, sinew-backed bows, stone mortars and pestles

Kings River Yokuts (20d): sinew-backed bows

Northern Hill Yokuts (20c): rabbit-skin blankets, moccasins, rock salt, red and blue paint, piñon nuts

Wiyot (3) supplied to:

Mattole (1f): dugout canoes, various foods

"Inland": *Olivella* shells

Sinkyone (1i): beads

Hupa (1c): white deer skins

Yurok (2a): *Iris* fiber rope

Yana (7b-d) supplied to:

Atsugewi (6f): salt, dentalia, buckeye fire drills

Achomawi (6e): buckeye fire drills, deer hides, buckskin, dentalia, salt

Northern Wintun (16a): salt

Central Wintun (16b): baskets
"The North": deer hides, buckskin

Yuki (4a) supplied to:

Pomo (10a-g): furs, beads, baskets, skins
Coast Yuki (4c): obsidian
Central Wintun (16b): black bear skins

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