12 Vulcan

**Skilled Village Craftsman of Ban Chiang, Thailand**

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**Individual Profile**

**Site:** Ban Chiang

**Location:** Udon Thani Province, northeast Thailand

**Cultural Affiliation:** Ban Chiang Cultural Tradition

**Date:** Upper Early Period Burial Phase V, ca. 1700–900 B.C. (*C* on rice temper)

**Feature:** BC Burial 23

**Location of Grave:** Square CS, south quadrants, layer II, Distance Below Datum Point 173 m (skull), orientation northwest 322°

**Burial and Grave Type:** Supine, extended primary inhumation

**Associated Materials:** Ceramic pot, four bronze bangles around the left forearm, cache of 30 small clay pellets, socketed bronze adze head

**Preservation and Completeness:** Good to excellent preservation, but only one limb bone is complete; portions of the face and the right temporal bone missing, as are most of the right femur, most of both fibulae, and parts of both feet; left ulna and radius exhibit a greenish stain from the copper-base bangles; slight green-blue staining on the labial enamel of the maxillary canines and incisors

**Age at Death and Basis of Estimate:** 45–50 years, based on auricular surface morphology, dental wear, cranial suture fusion

**Sex and Basis of Determination:** Male, based on cranial and os coxae morphologies

**Conditions Observed:** Healed coarse porosity of the superior cranial vault; dental wear to the pulp on molars and maxillary incisors; dentin exposure in remaining teeth; enamel hypoplasias; slight to moderate calculus; reactive bone growth on internal borders of left lower ribs; osseous lesions in right glenoid fossa, right first proximal hand phalanx, and right fourth metatarsal

**Specialized Analysis:** Carbon and nitrogen isotopes from bone apatite and collagen, oxygen, carbon, and strontium isotopes from tooth dentin; radiographs of cranium, left ribs, left scapula, and humeral head, right first proximal hand phalanx, left tibia

**Excavated:** 1974 by the University of Pennsylvania Museum and the Thai Fine Arts Department, under the direction of Chester Good and Piit Chanawongsa

**Archaeological Report:** Gorman and Chanawongsa 1976 (original chronology); White 1982, 1986 (revised chronology)

**Current Disposition:** On loan to and curated by the Department of Anthropology, University of Hawai‘i–Mānoa