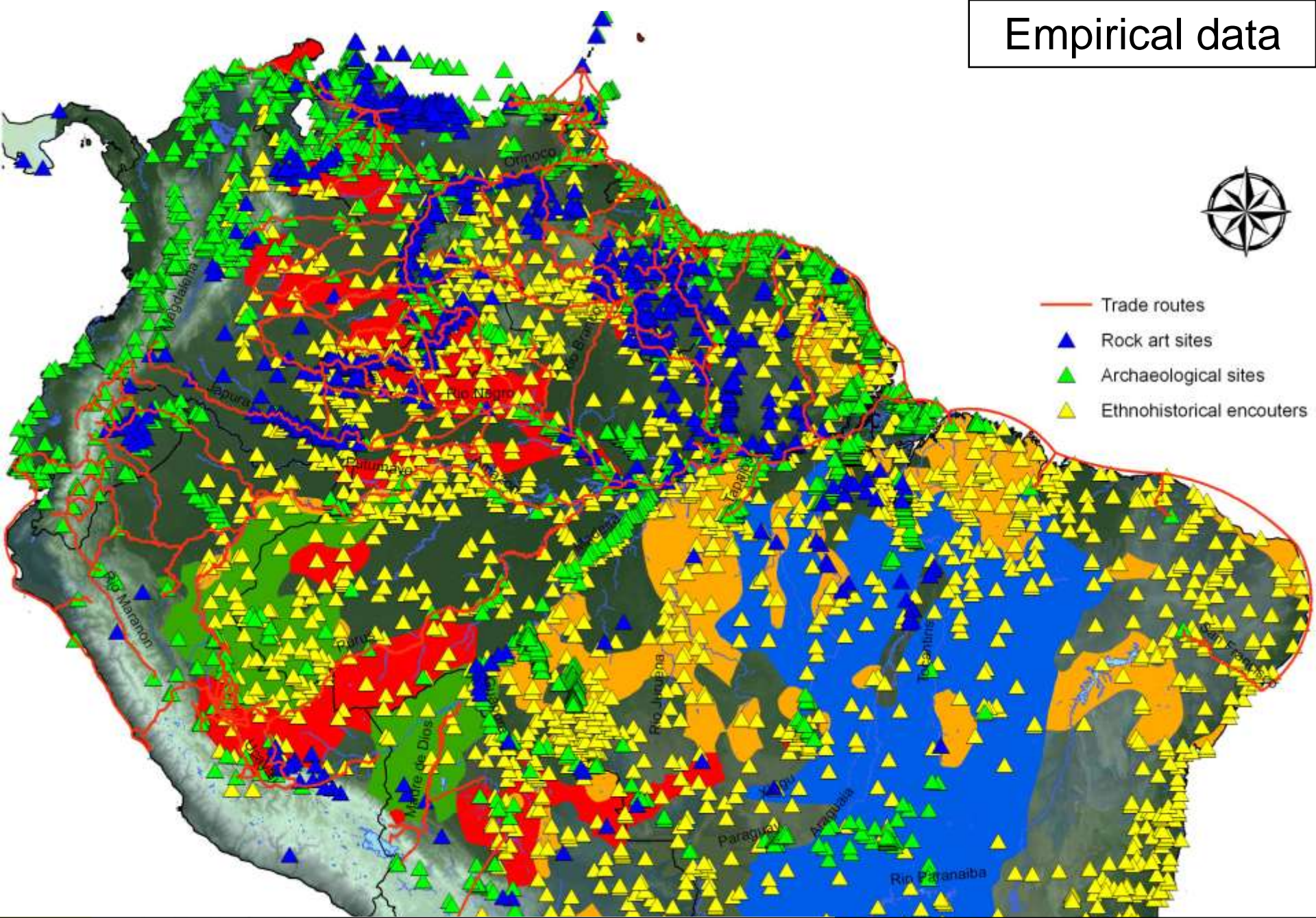


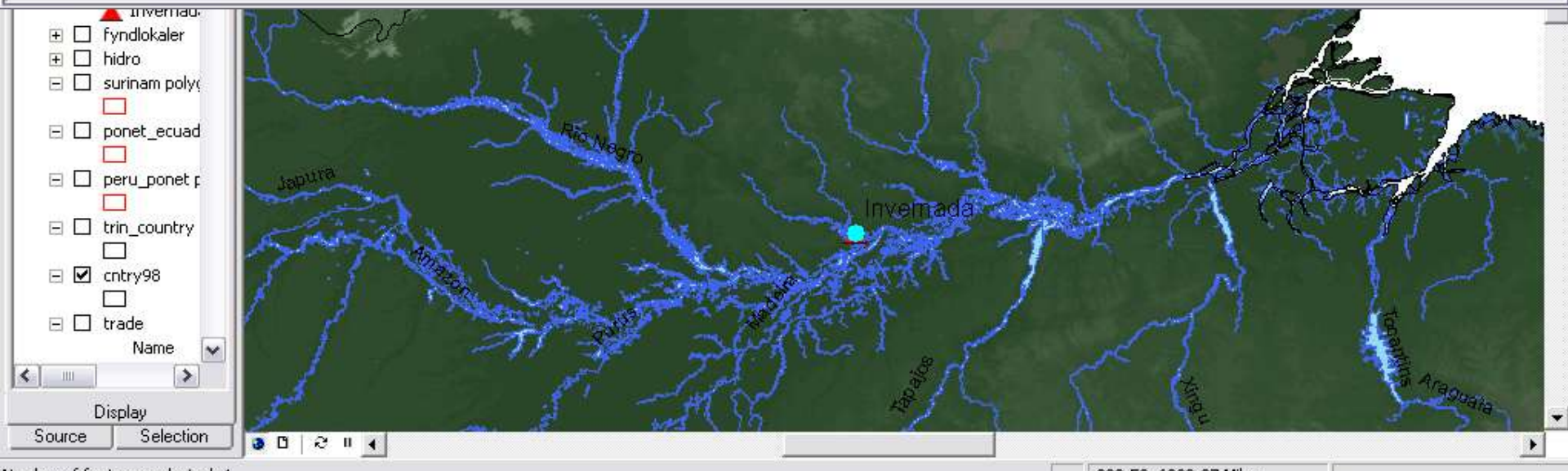
***Rock art, trade routes, and
languages in prehistoric
Amazonia:
Exploring correlations through
GIS***

Empirical data

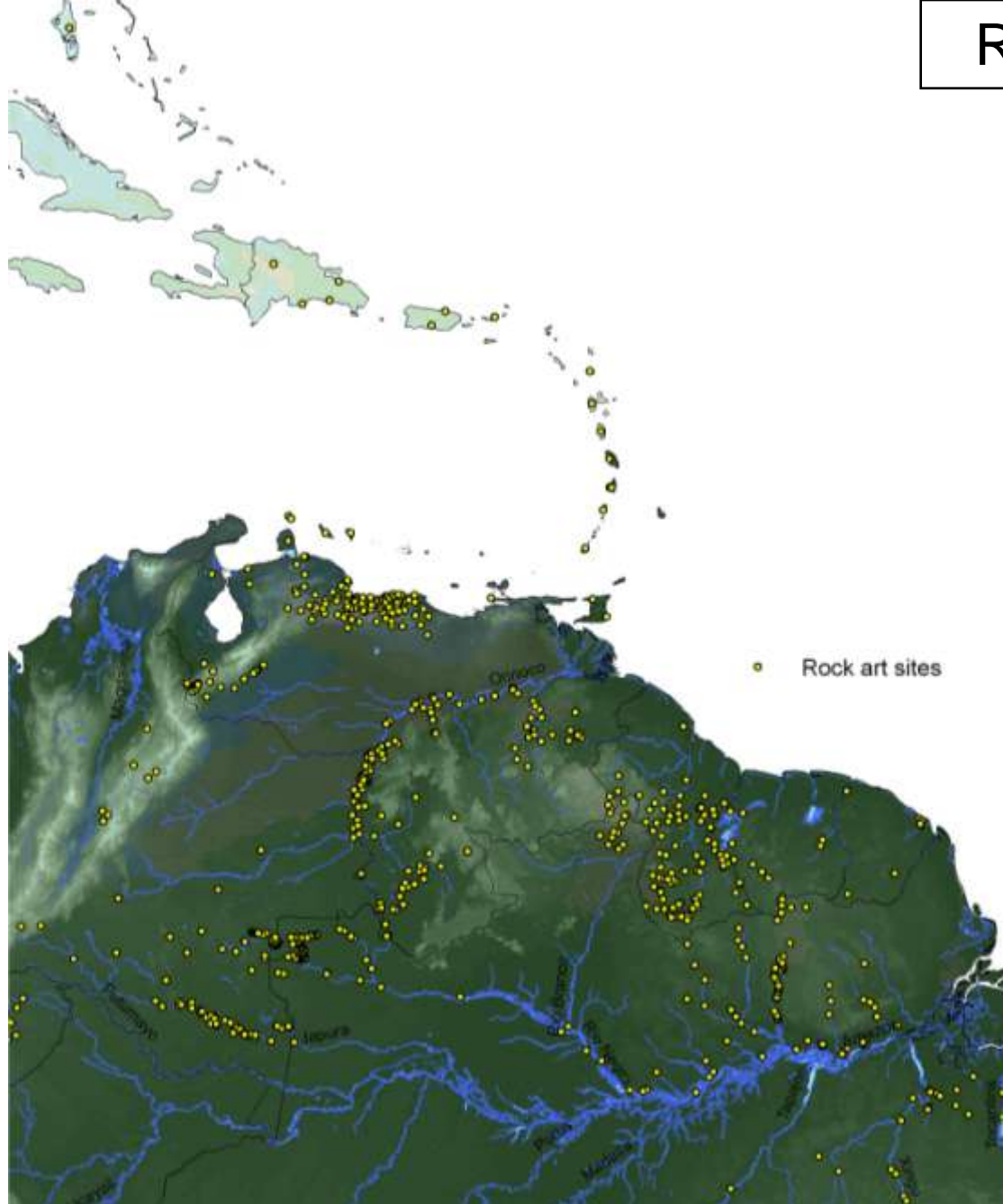


Nome_of	Sitcode	Phase	Tradition	Lab_n	Uncalibr	Calibrated	Terra_p	Greensto	Raised_fi	Temper	sitetype	References	X	Y
Amanari	AM-IT-16	Iraci	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	212241,939	-307894
Mon Repos		Mabaru	Barrancoid									Meggers & Evans 1960; Plew	213121,440	755185
Terra Preta	AM-UR-8	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	214069,299	-291756
Iraci	AM-IT-15	Iraci	Saracá				Yes				Settlement	Simões & Machado 1987; Sim	214213,426	-306825
Tabocal	AM-UR-7	Uatumá	Polychrome - ST Saracá	SI-5087	1135±75	690AD-1020A	Yes				Settlement	Simões & Corrêa 1987, p.: 35;	214357,697	-287597
Enmore		Abary										Meggers & Evans 1960; Plew	219468,025	754098
Santana	AM-UR-6	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	221846,881	-286809
Ingá	AM-UR-4	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	222295,055	-279239
Santa Hele	AM-UR-3	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	224203,474	-275909
Invernada	AM-UR-2	Uatumá	Polychrome - ST Saracá	SI-5086	1650±95	140AD-600AD	Yes				Settlement	Simões & Corrêa 1987, p.: 35;	224255,367	-277238
Esperanca	AM-UR-5	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	227733,349	-28219
São Sebas	AM-UR-1	Uatumá	Saracá				Yes				Settlement	Simões & Corrêa 1987; Simõe	233287,393	-285203
Wonotobo	SUR-48	Early WV	Saladoid (Island)	GrN-45	1900±40	10AD-220AD		Yes		Sand and Mica		Boomert 1987:41, Rouse, Allai	237669,567	490430
Taurakuli	B-3	Abary										Meggers & Evans 1960; Plew	245553,803	665620
Taboari	AM-UR-1	Urucuri	Incisa Ponteada				Yes				Settlement	Simões & Corrêa 1987; Simõe	247208,290	-281464
Cetru	AM-UR-1	Urucuri	Incisa Ponteada				Yes				Settlement	Simões & Corrêa 1987; Simõe	250098,917	-282221
Castanhãl	AM-UR-2	Urucuri	Incisa Ponteada								Settlement	Simões & Corrêa 1987; Simõe	254816,710	-281124
Tiger Island	B-1	Abary										Meggers & Evans 1960; Plew	255091,405	702484

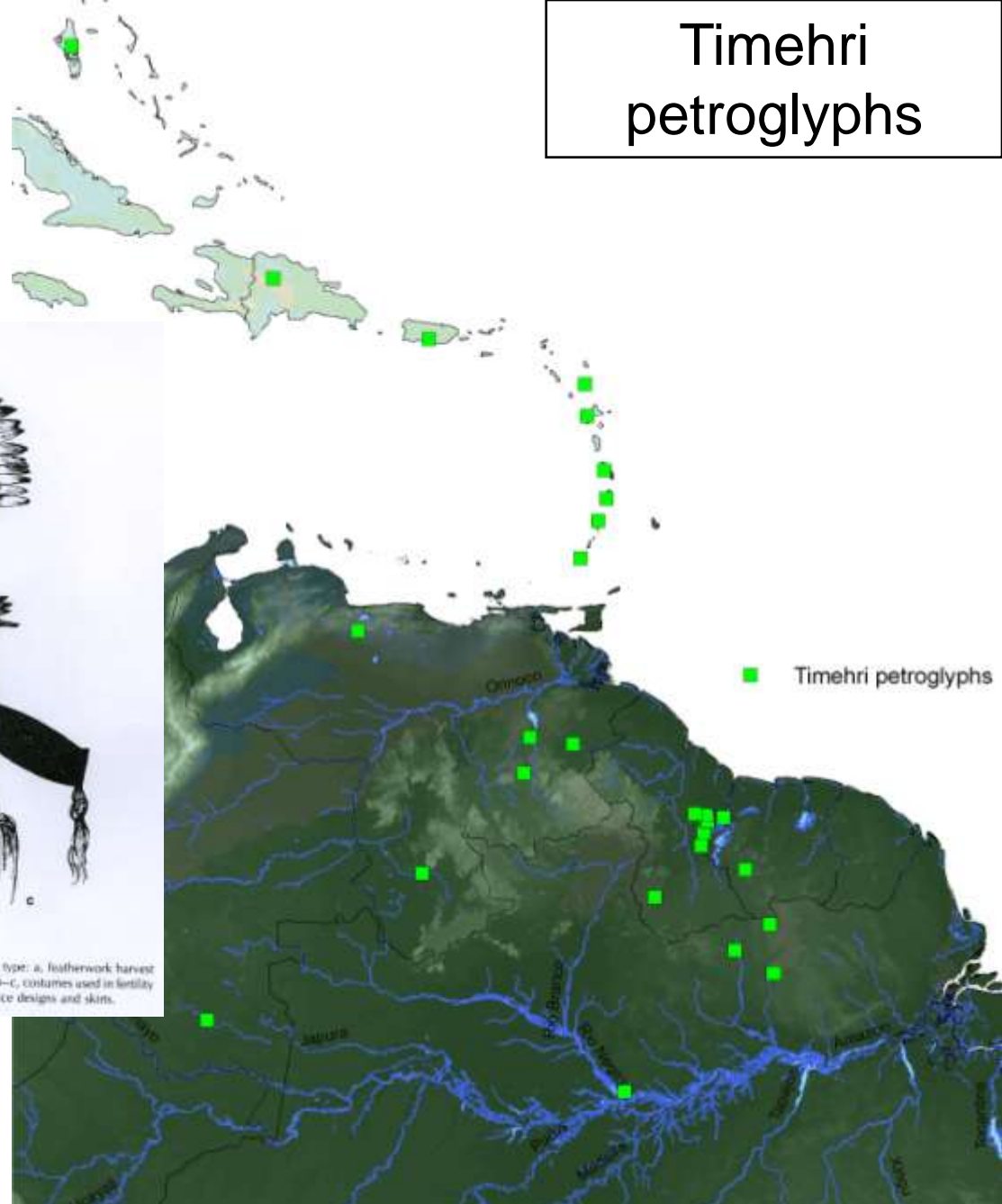
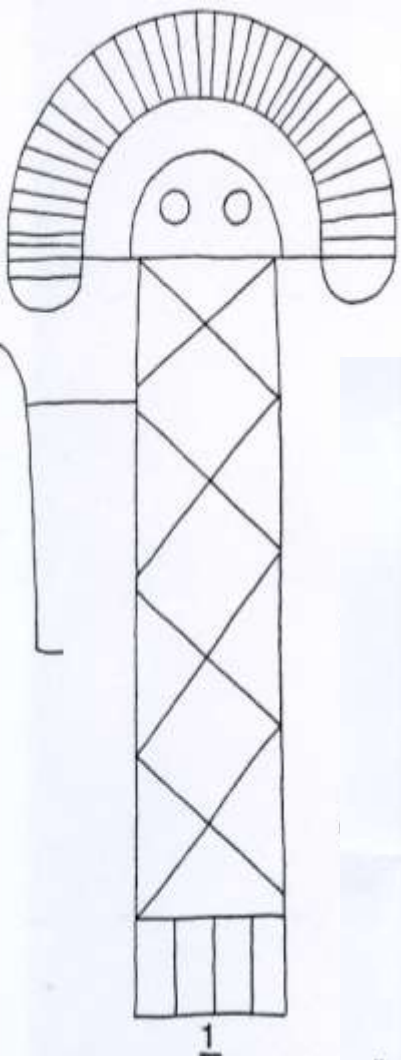
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Rock art sites



Timehri petroglyphs



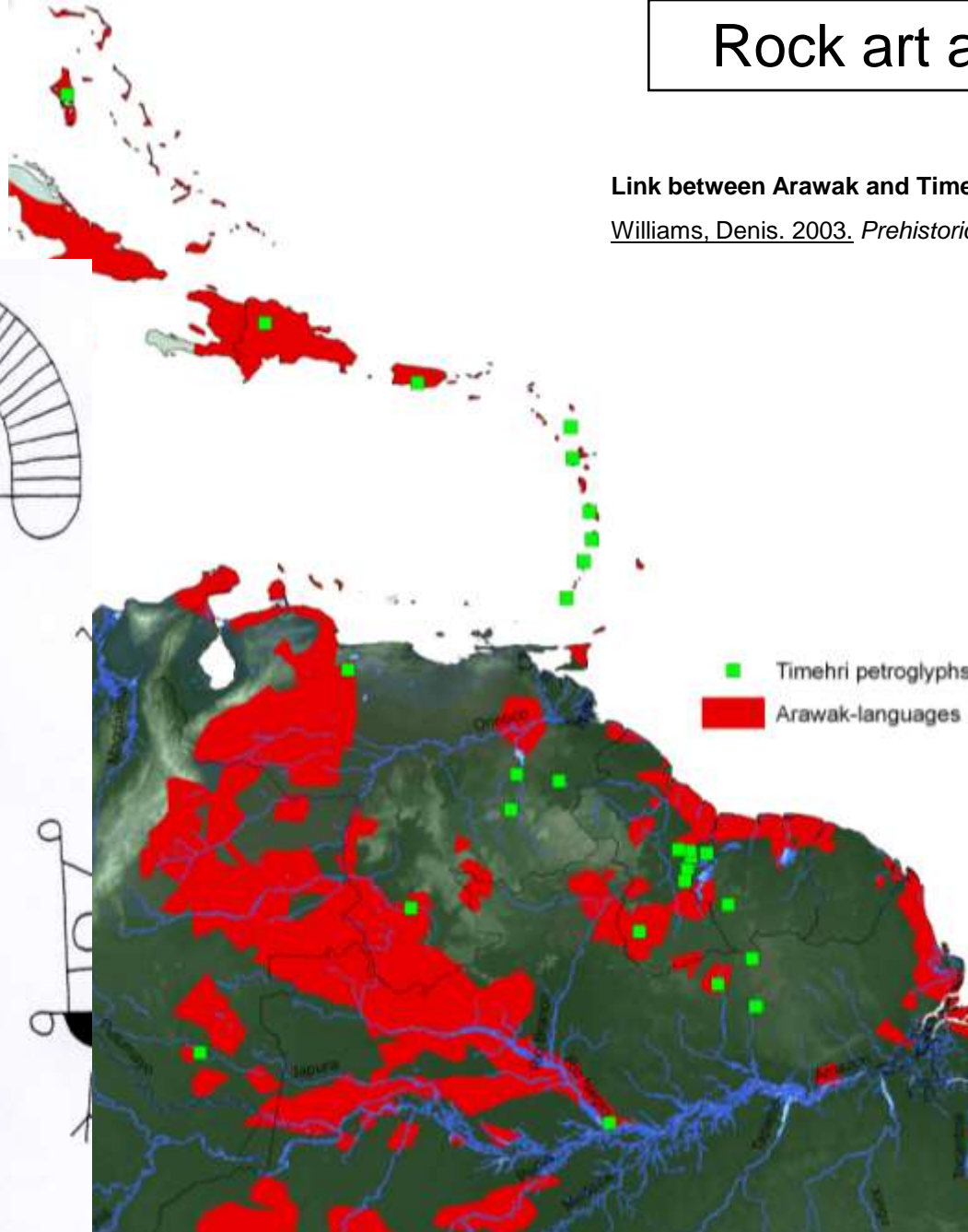
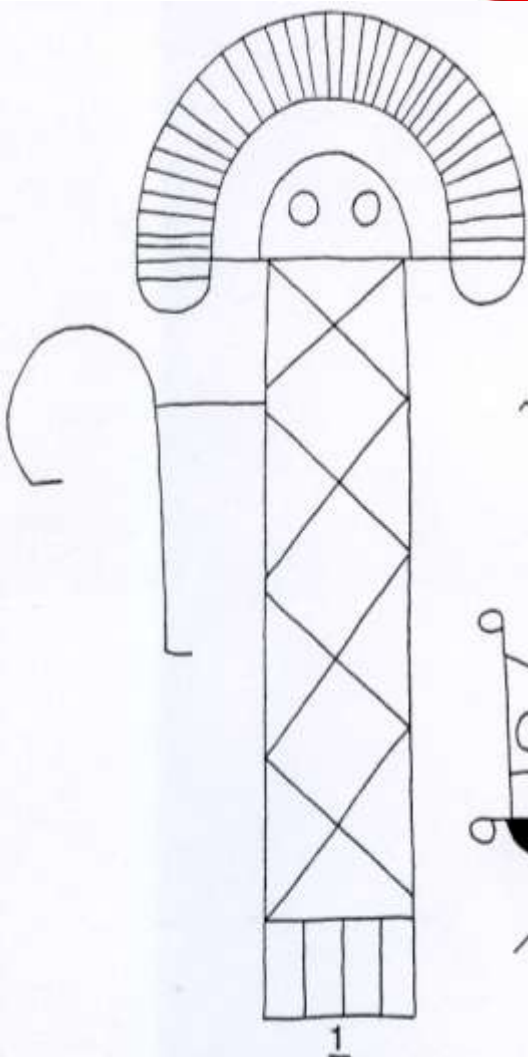
Classification based on:

Dubelaar, C.N. 1986. *South American and Caribbean Petroglyphs.*

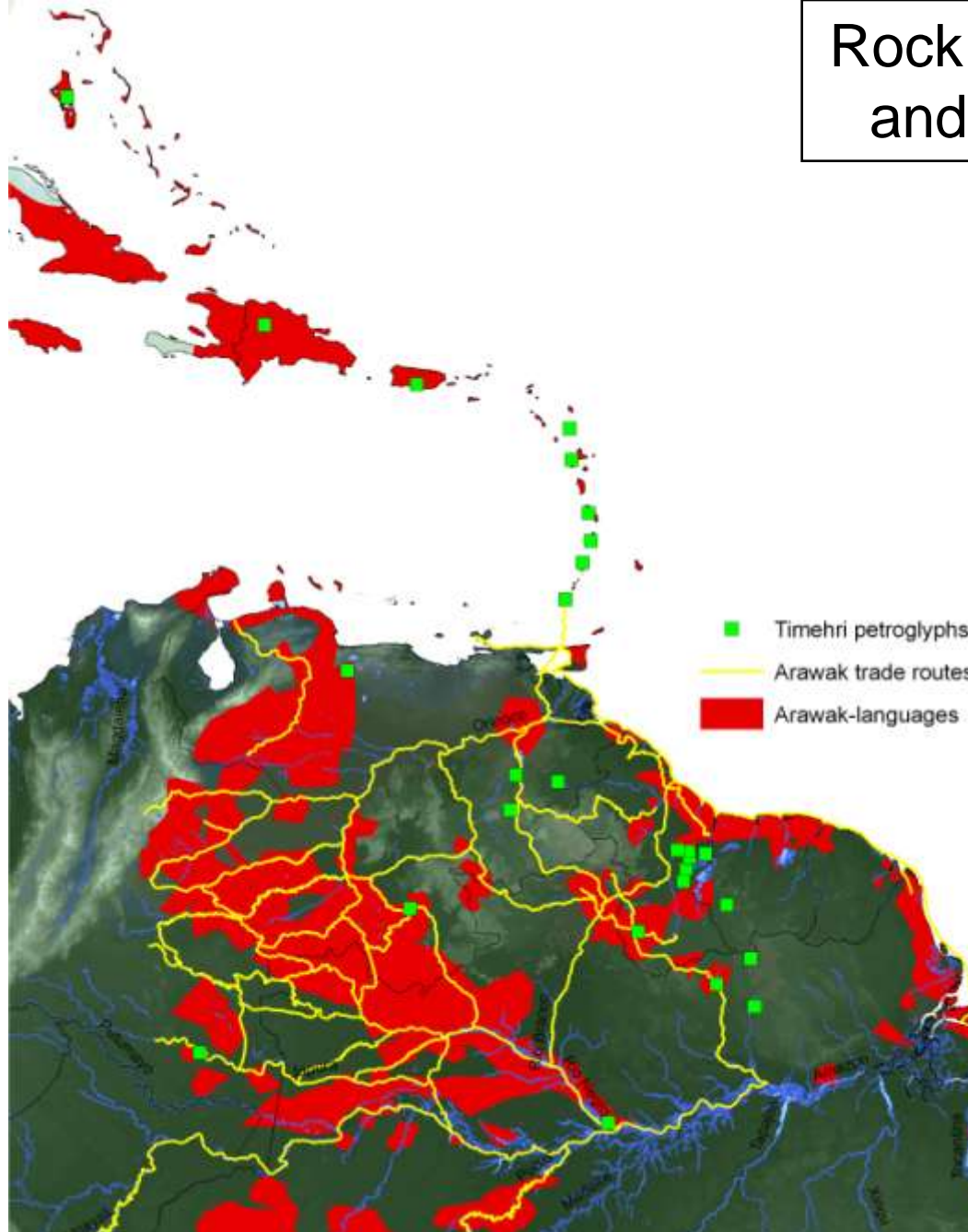
Williams, D. 1985. *Petroglyphs in the Prehistory of Northern Amazonia and the Antilles.*

Rock art and language

Link between Arawak and Timehri petroglyphs suggested by:
Williams, Denis. 2003. *Prehistoric Guiana*.



Rock art, language, and trade routes



Language and material culture

Link between Timehri petroglyphs and Barrancoid ceramics (1000BC-900AD) suggested by:

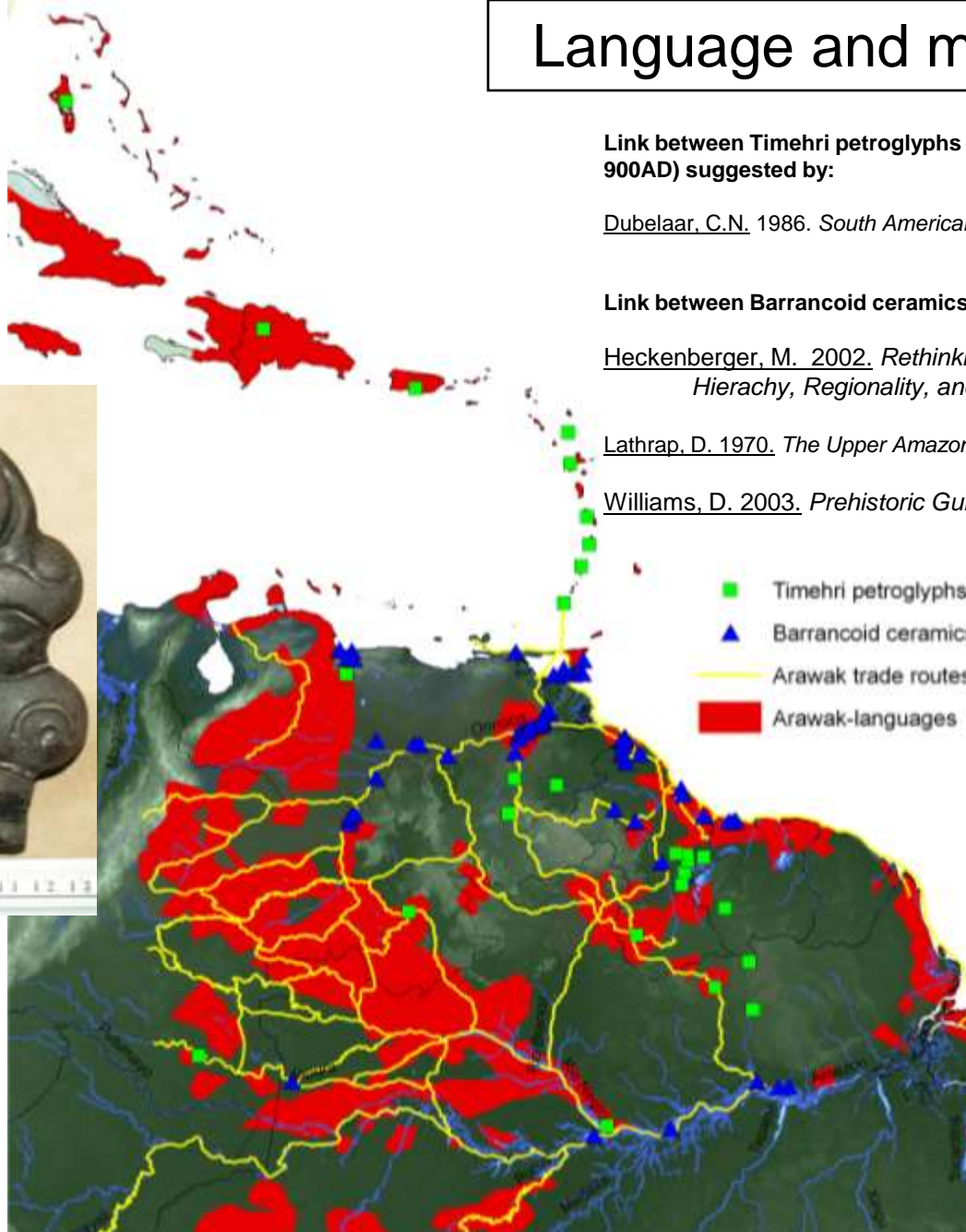
Dubelaar, C.N. 1986. *South American and Caribbean Petroglyphs*.

Link between Barrancoid ceramics and Arawak suggested by:

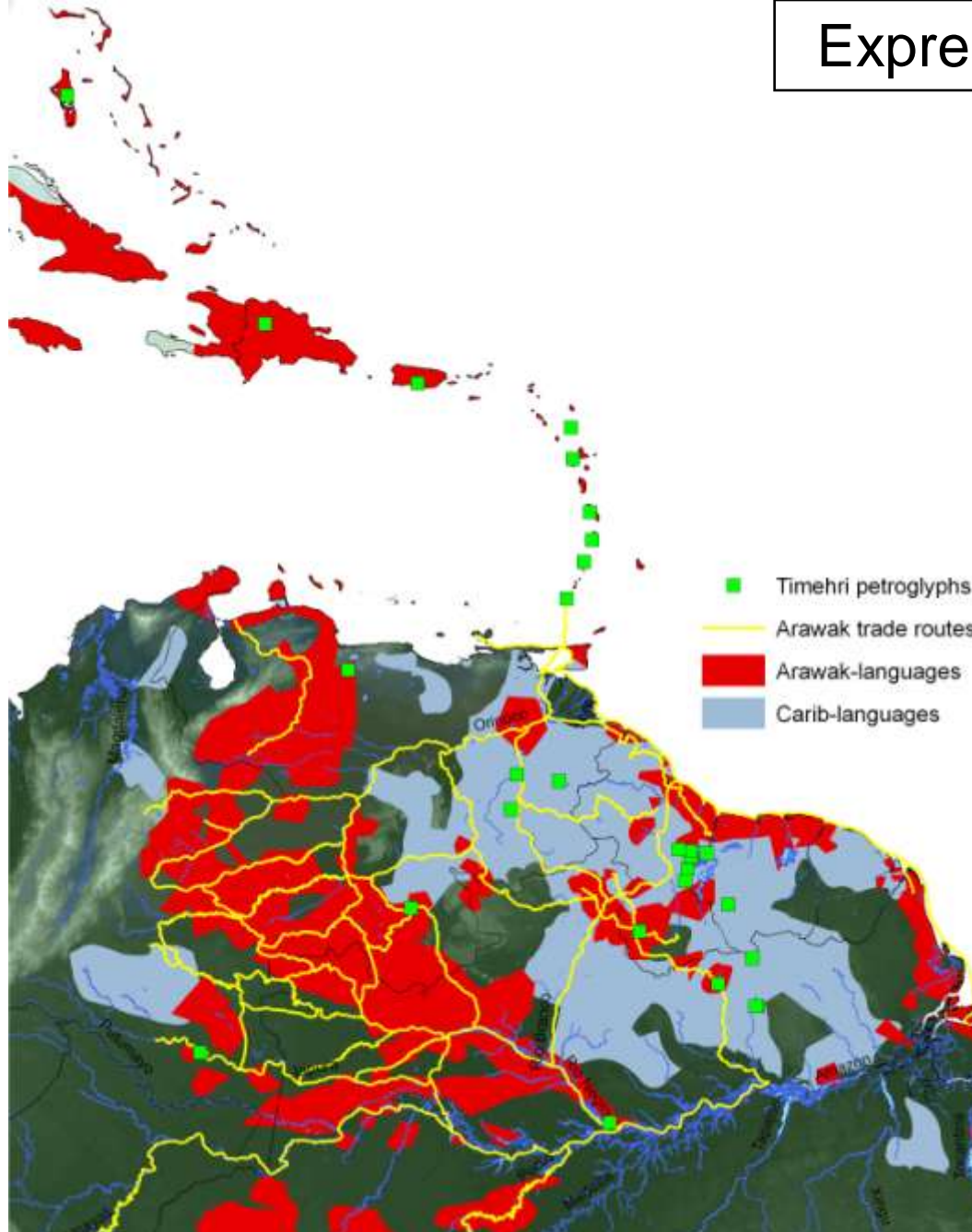
Heckenberger, M. 2002. *Rethinking the Arawakan Diaspora: Hierarchy, Regionality, and the Amazonian Formative*.

Lathrap, D. 1970. *The Upper Amazon*.

Williams, D. 2003. *Prehistoric Guiana*.



Expressing identity



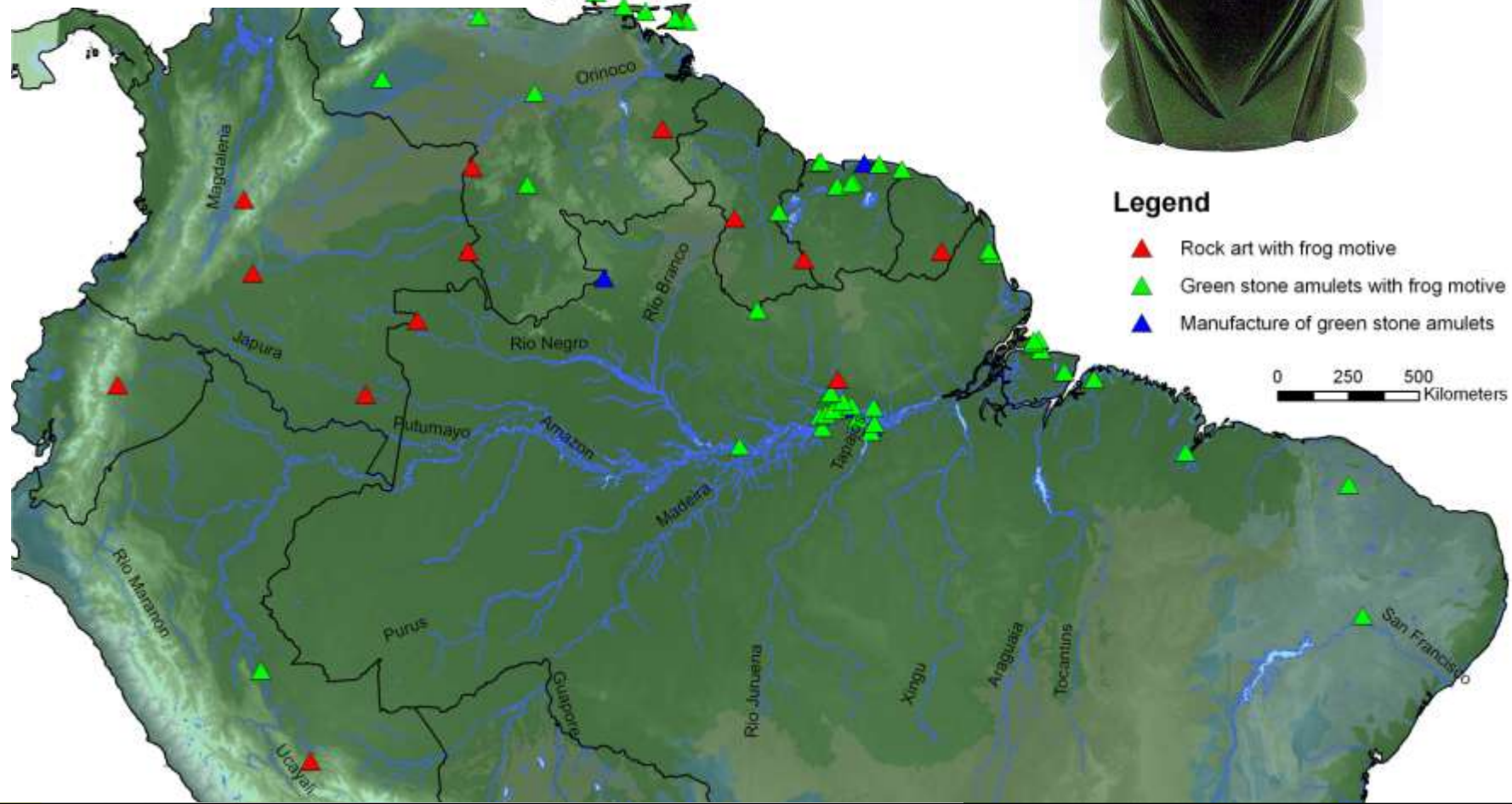
Classification based on:

Boomert, A.. 1987. Gifts of the Amazons: "green stone" pendants and beads as items of ceremonial exchange in Amazonia and the Caribbean.

Dubelaar, C.N. 1986. South American and Caribbean Petroglyphs.

Whitehead, N. 1993. Ethnic transformation and historical discontinuity in native Amazonia and Guayana, 1500-1900.

Symbology and language



Legend

- ▲ Rock art with frog motive
- ▲ Green stone amulets with frog motive
- ▲ Manufacture of green stone amulets



Symbology and language



Legend

- ▲ Rock art with frog motive
- ▲ Green stone amulets with frog motive
- ▲ Manufacture of green stone amulets
- Green stone trade
- Arawak trade

Language families 1500 AD

- Arawak
- Tupi

0 250 500 Kilometers

