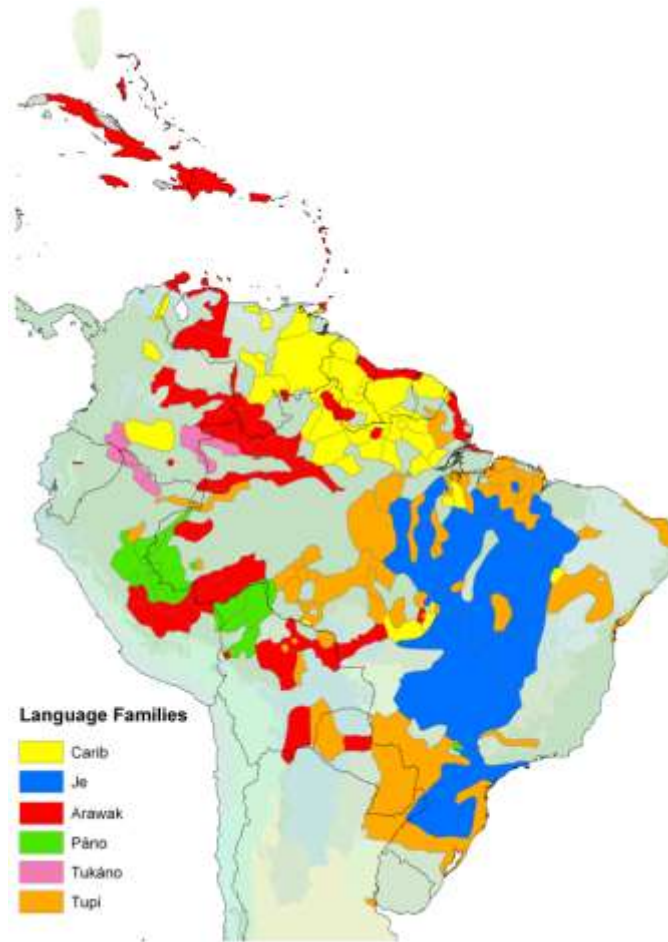


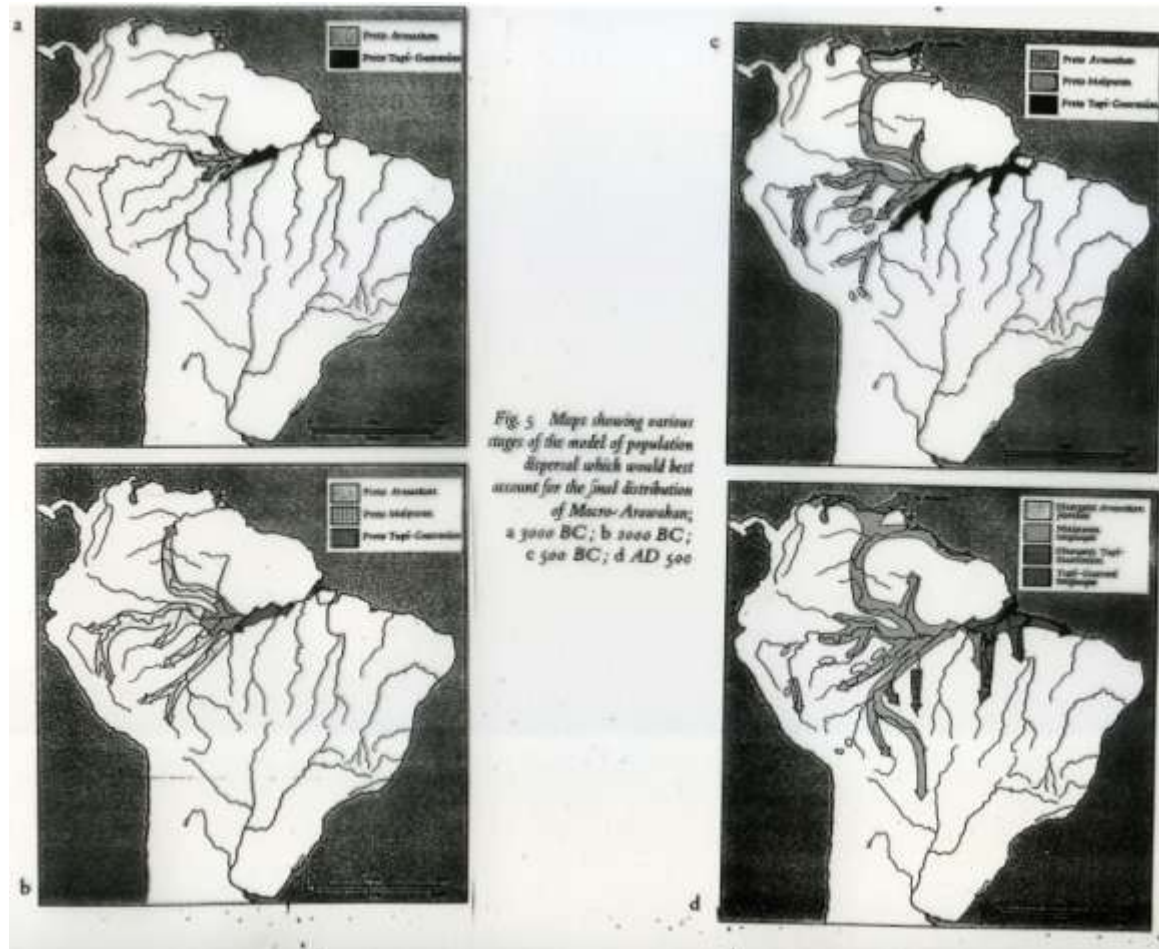
# The Prehistory of Amazonian Languages: Ecological and Cultural Processes Underlying Linguistic Differentiation

*Alf Hornborg*  
*Human Ecology Division*  
*Lund University*

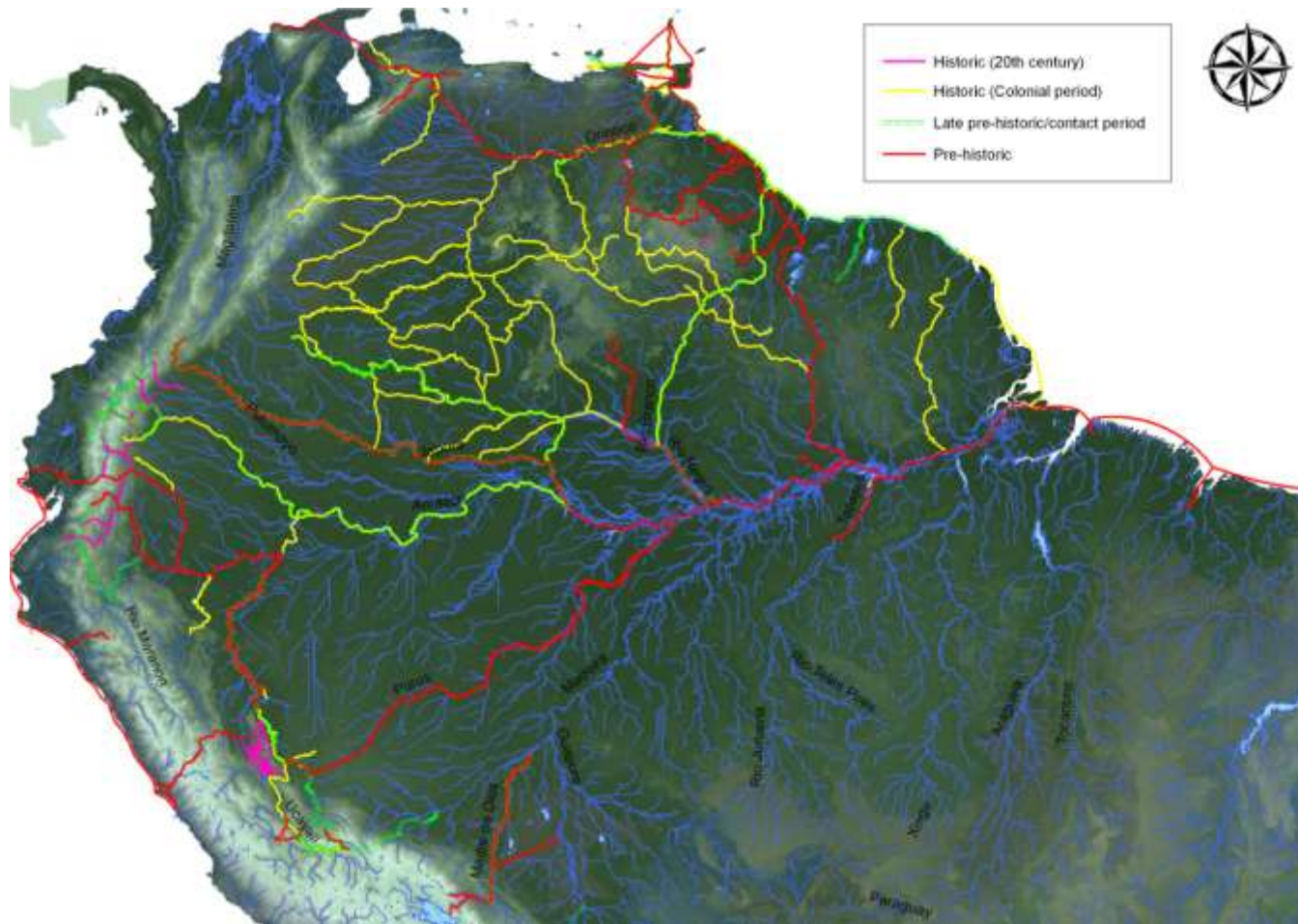
# Major indigenous language families of Amazonia in 1492



# Donald Lathrap, *The Upper Amazon* (1970)



# Reconstruction of indigenous trade routes from archaeological and historical evidence



# The European image of Amazonian Indians



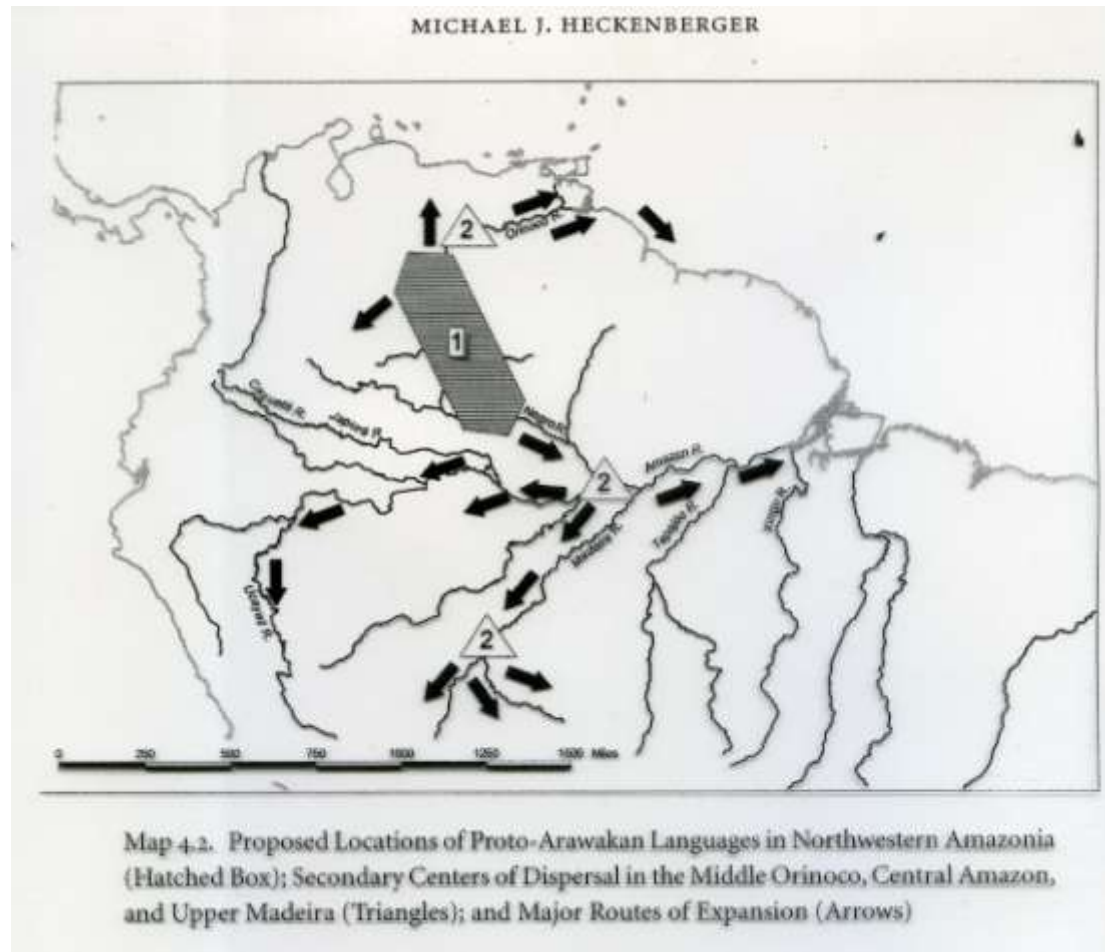
# Environmental determinism



# Amazonian Dark Earths (*terras pretas do índio*)

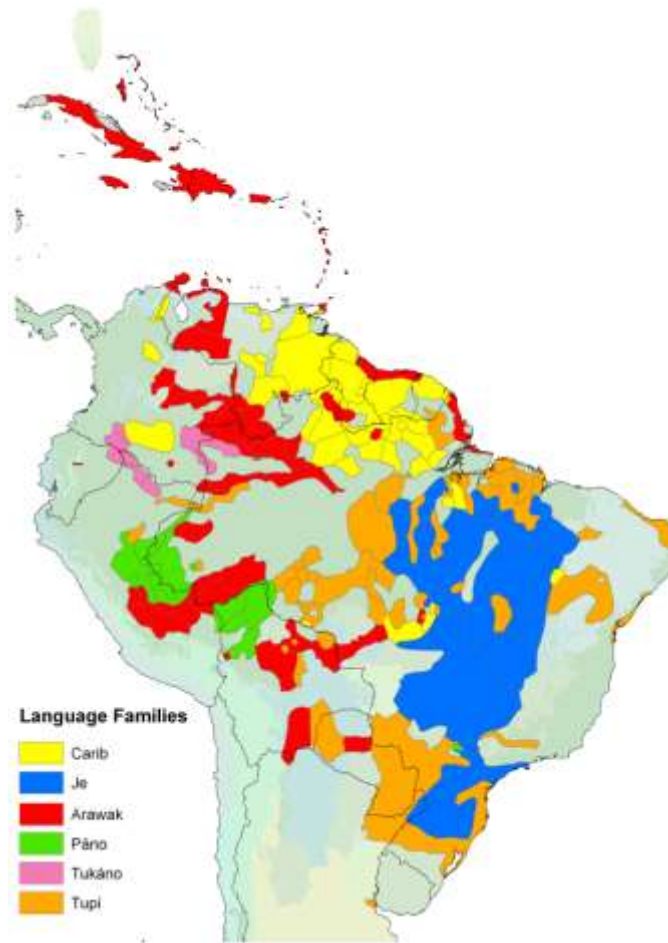


# Movement along rivers: "peoples" or traders and languages?





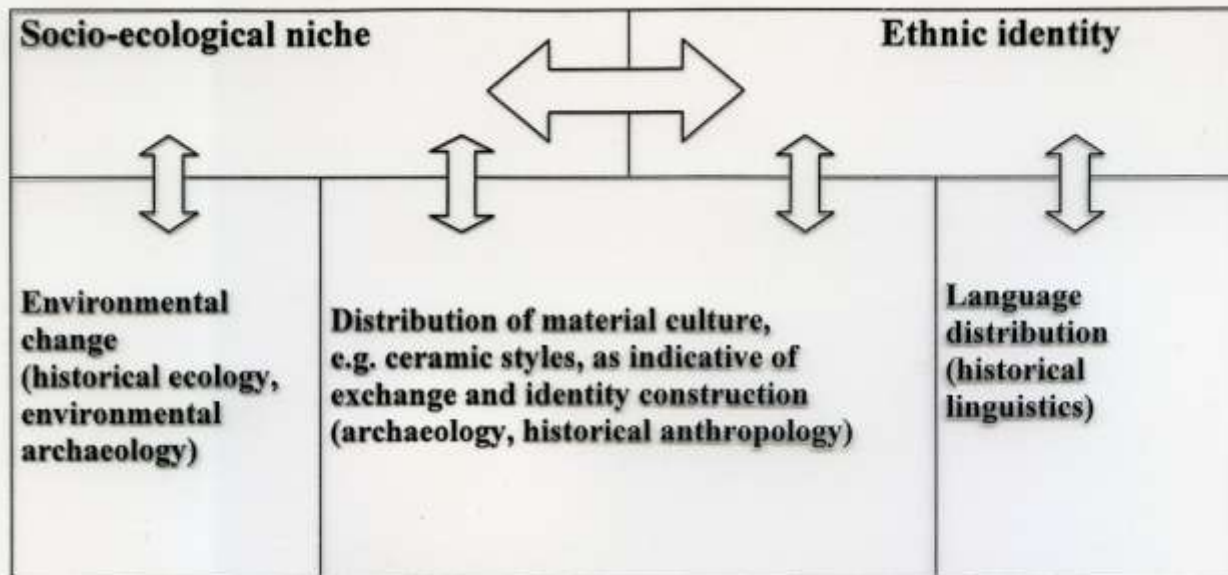
# Distribution of Arawakan languages



# Max Schmidt, *Die Aruaken* (1917)

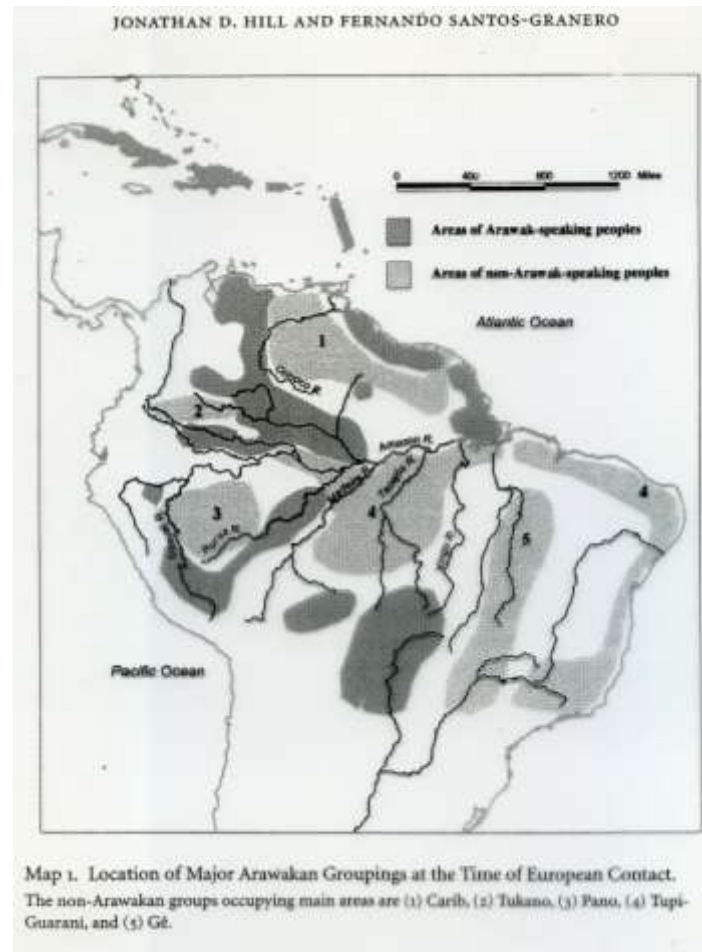


# Socio-ecological niche construction and ethno-linguistic identity



**Figure 1. Model of the recursive relation between socio-ecological niche and ethnic identity construction, indicating the main categories of traces left by such processes in prehistory, and the different academic fields required to recover them.**

# Diversification of Tupí, Carib, and Gê (the *Tu-Ca-Gê* hypothesis)



# The split of Pano-speakers as a result of an "Arawakan" intrusion: displacement or language shift?

