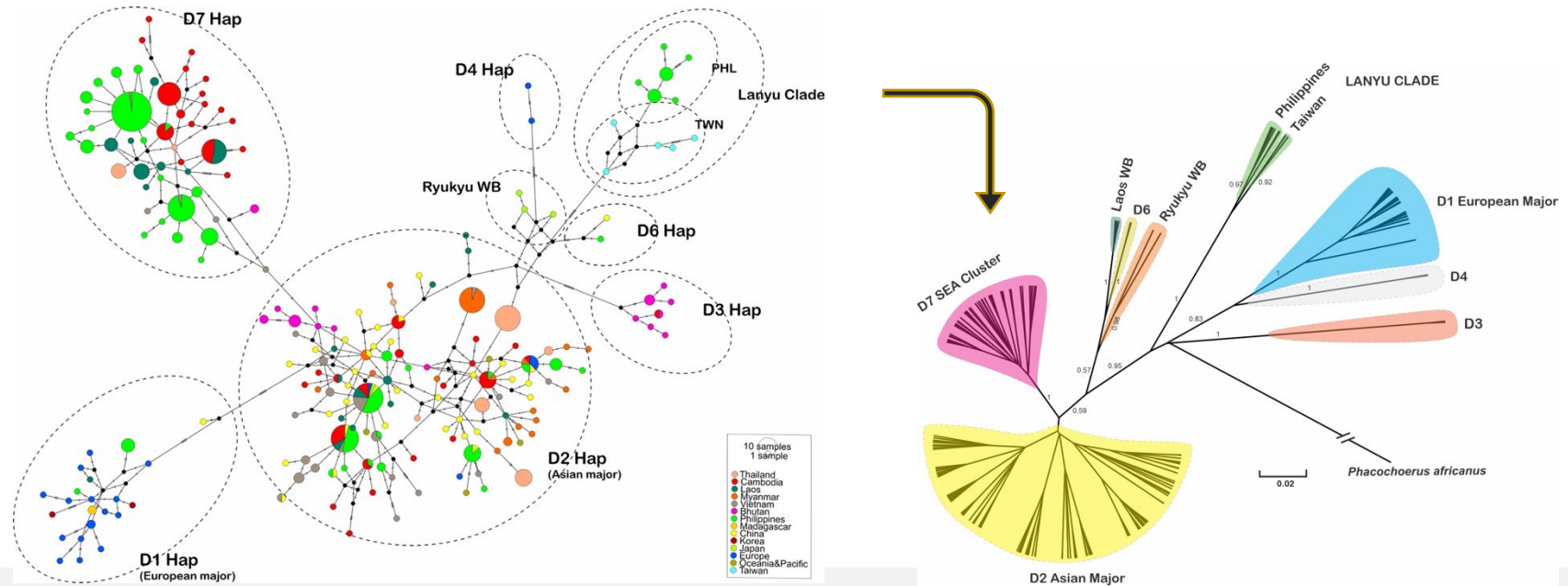


Phylogeographic and Evolutionary History Analyses of Pigs in Southeast Asia

(東南アジアにおけるブタの系統地理学および進化史的研究)

John King Nuñez Layos

August 8, 2022 (Monday) 11:00 - 12:00 AM (Room: C206 生物生産学部 C206 講義室)



The domestication of pigs is one of the critical events in the history of human agricultural civilization. The wild boar *Sus scrofa*, the species that gave rise to the domesticated pig, originates in Southeast Asia (SEA) approximately 4 million years ago (Mya) and has spread and colonized almost the entire Eurasian continent. Thus, the demographic and geographic history of domesticated pigs, as opposed to their wild counterparts, has become very complicated due to numerous anthropogenic and complex eustatic fluctuations in sea levels in SEA since the Pleistocene. Therefore, the Spatio-temporal distribution, genetic diversity, structure, and population dynamics of domestic pigs in Southeast Asia were determined using large-scale samples. Furthermore, the haplogroup-specific divergence of *S. scrofa* was estimated using the mitochondrial DNA D-loop region.

Contact: Masahide Nishibori (ext: 7992) Email: nishibo@hiroshima-u.ac.jp