

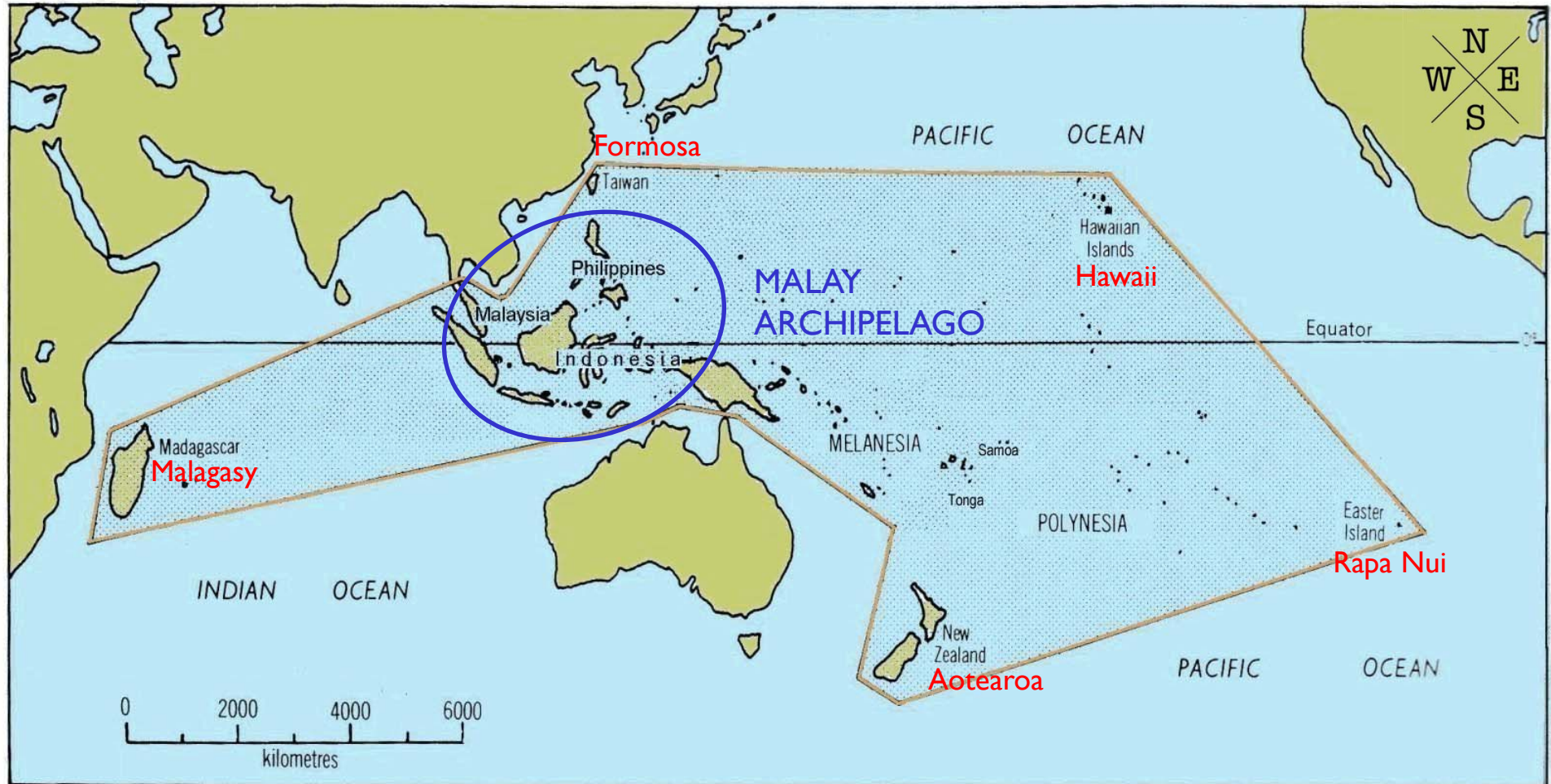


2017 Asia-Pacific Regional IAU Meeting  
3-7 July 2017 TAIPEI, TAIWAN  
Venue: Taipei International Convention Center

# The Starlore of Malay Archipelago Seafarers & Farmers

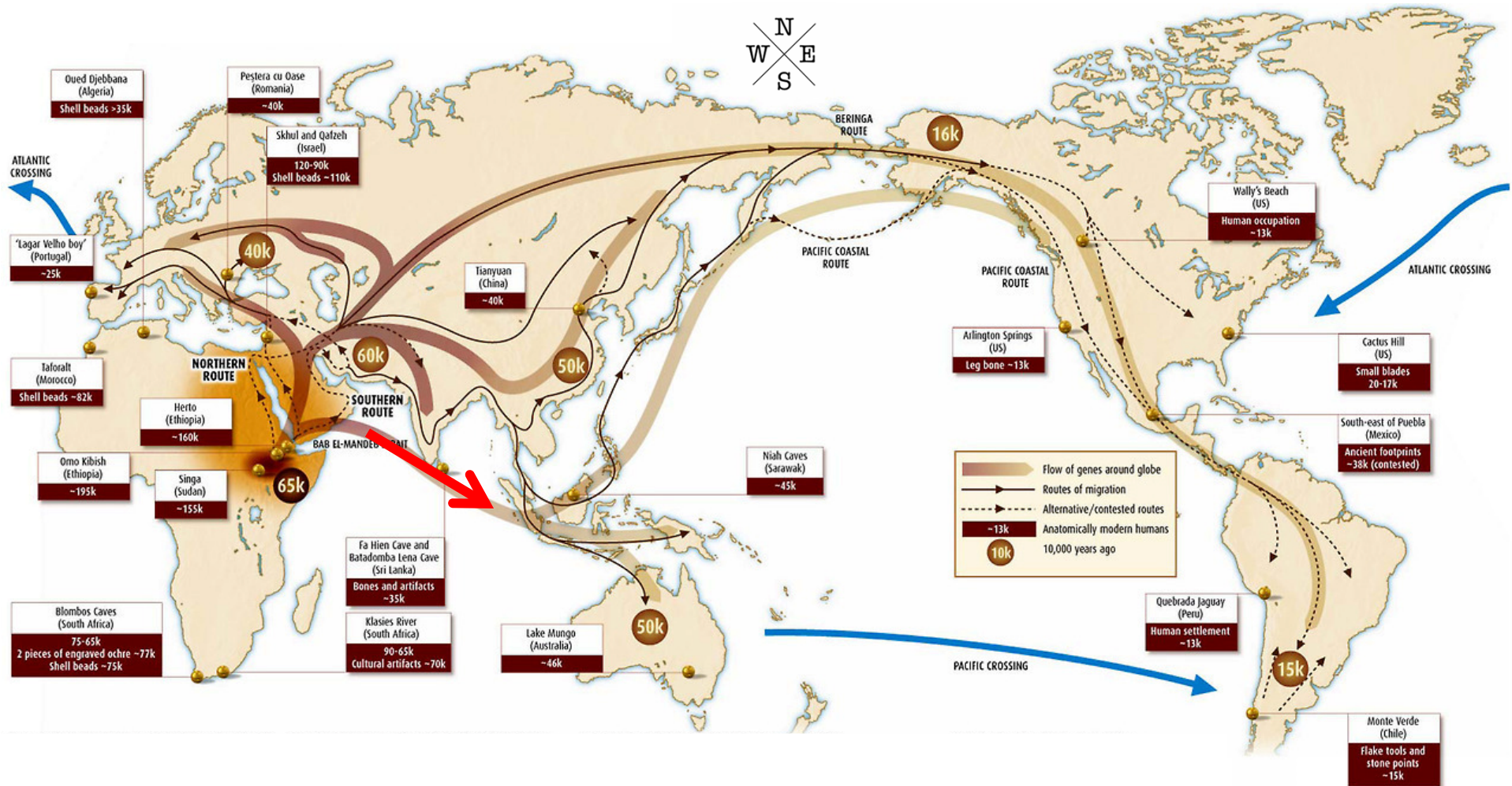
Nurul Fatini Jaafar  
Astronomical Society of Penang  
Penang Island, Malaysia

# Austronesia Region



# The Migration of Anatomically Modern Humans

Evidence from fossils, ancient artifacts and genetic analyses combine to tell a compelling story



# Sunda Shelf



# Out of Sundaland Theory



A night photograph of a tropical beach. Several tall palm trees are silhouetted against a dark sky filled with stars and the Milky Way galaxy. The trees are illuminated from below, casting a warm glow. In the background, a small building is lit up, and the ocean is visible in the foreground.

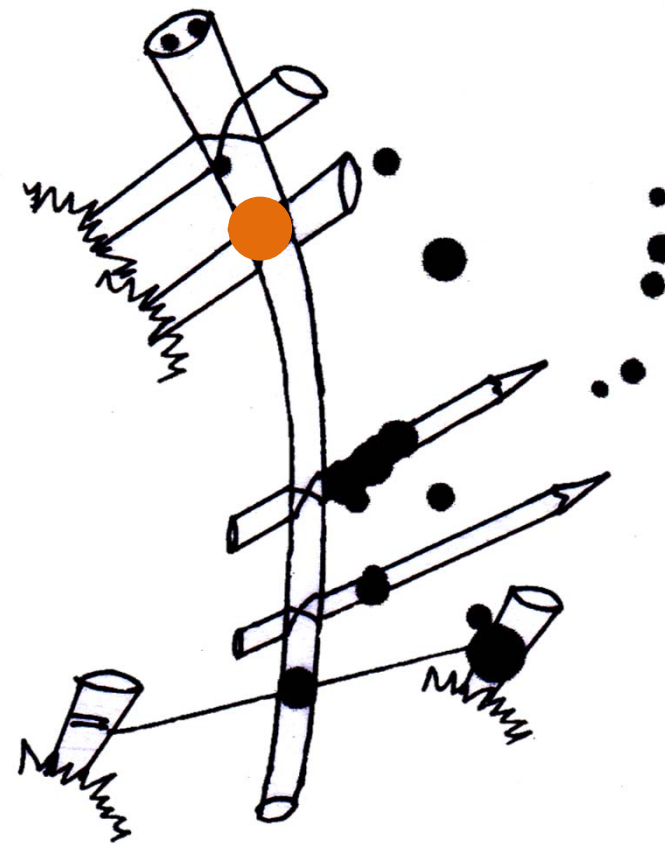
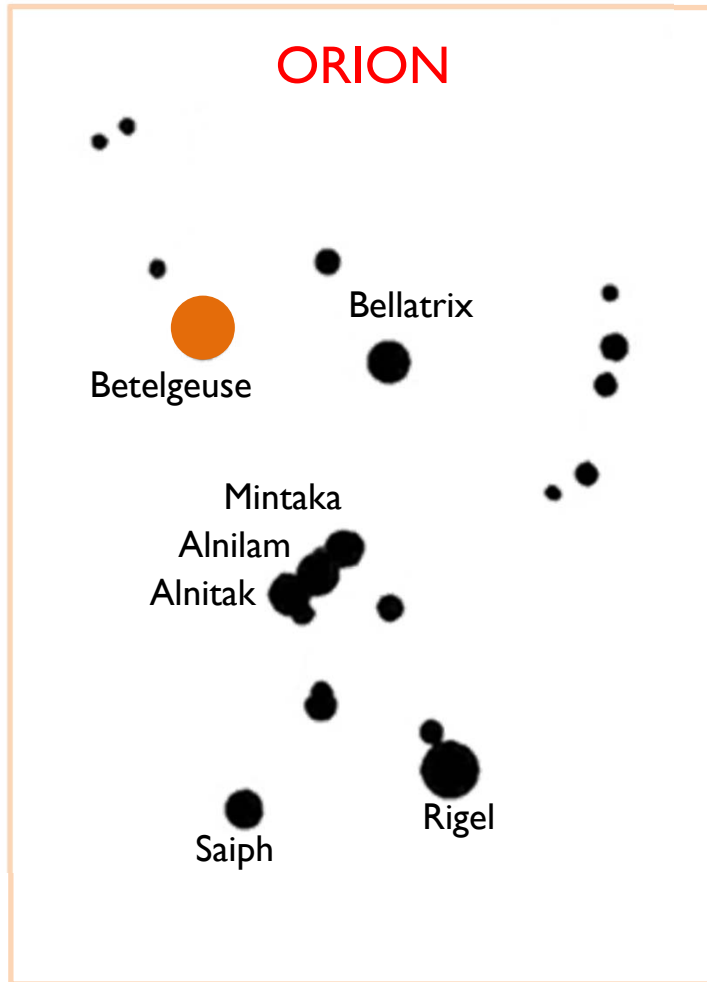
## Qualitative methods:

<sup>a</sup>

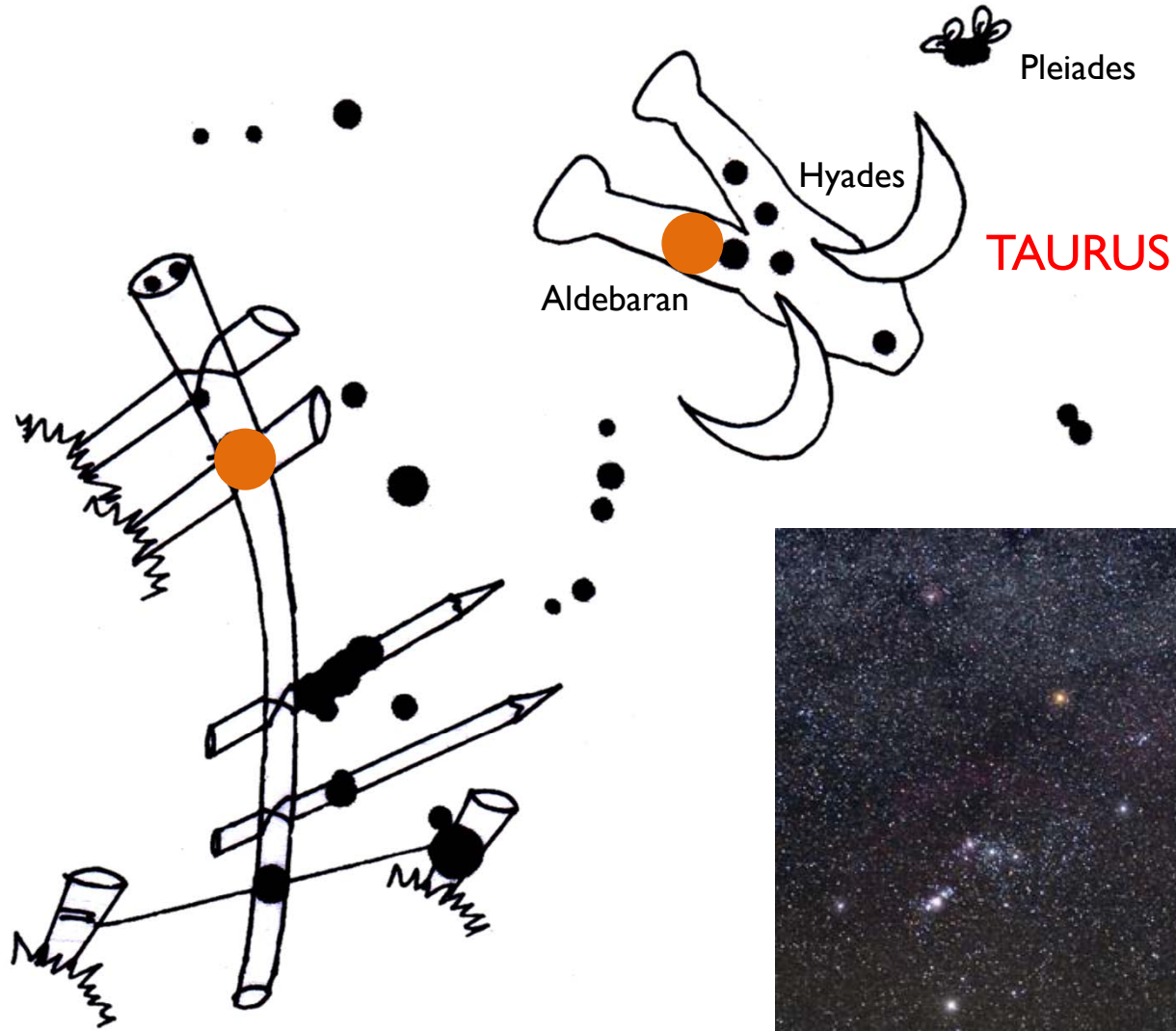
- 1) Literature study
- 2) Key-informant interview
- 3) Participant observation

The Malay Archipelago Kindred Knowledge & Skylore

# Belantik – The Spring Spear Trap

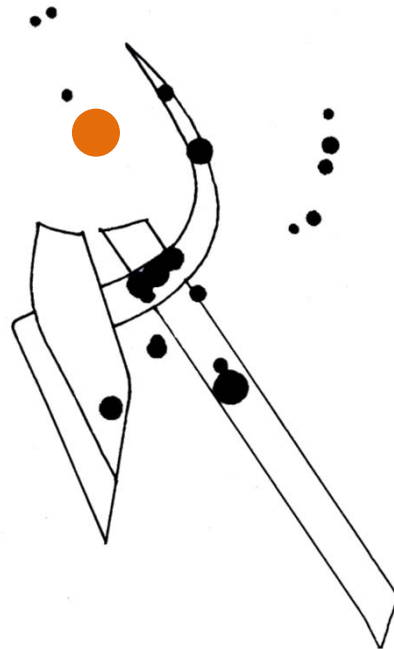
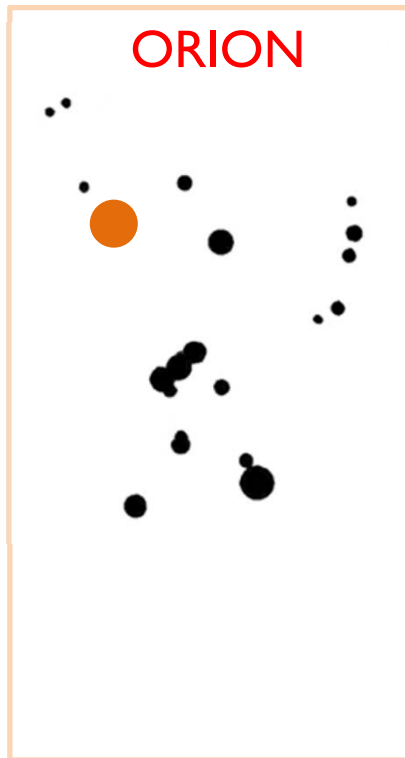


# Skylore of Belantik



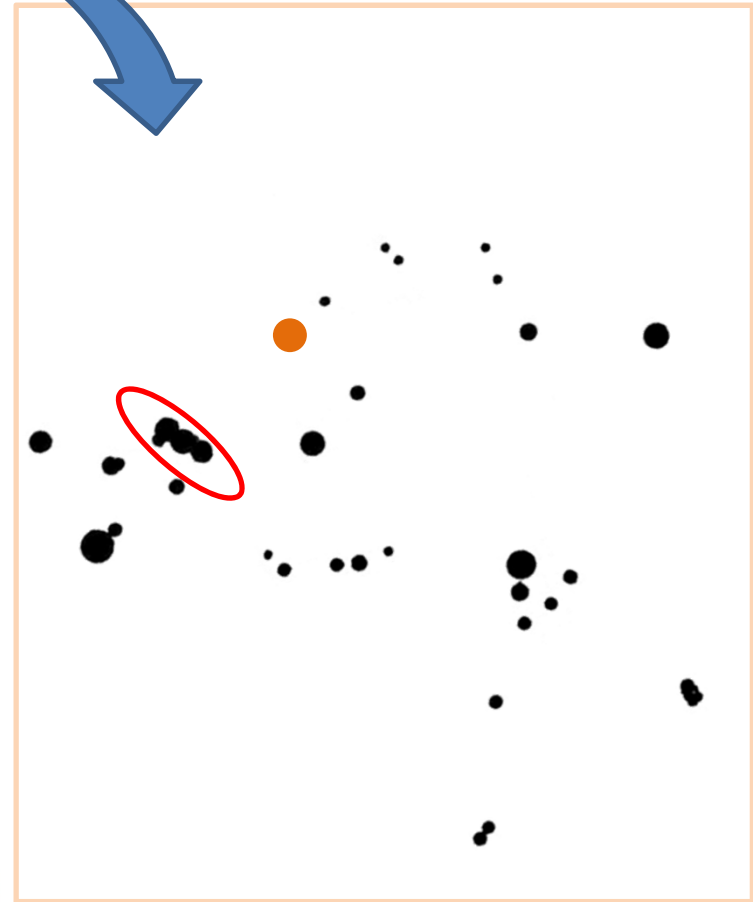
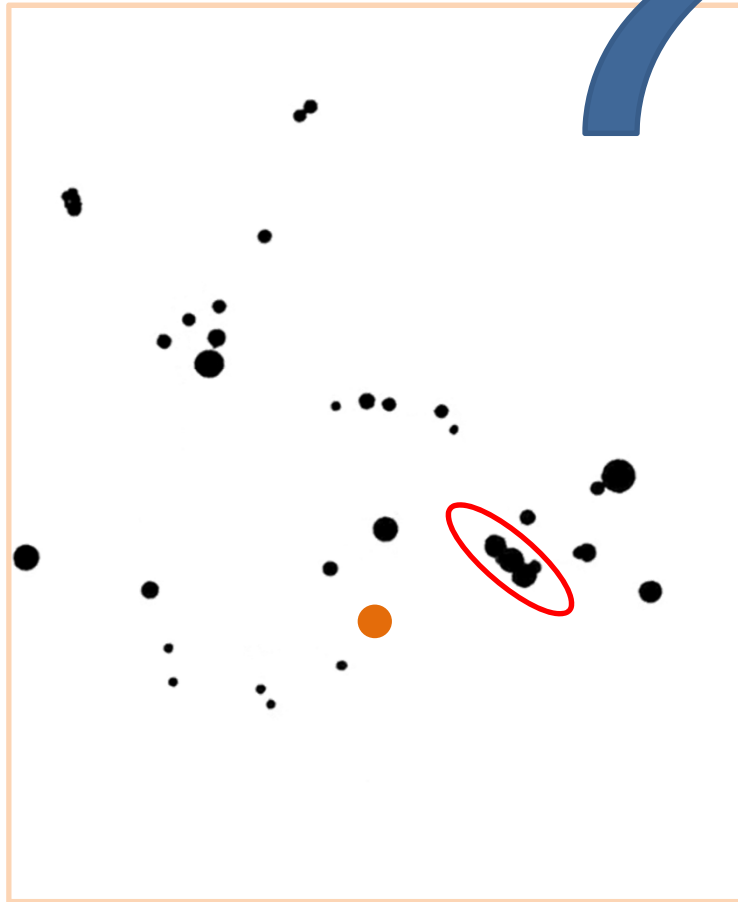


# Waluku – The Plough

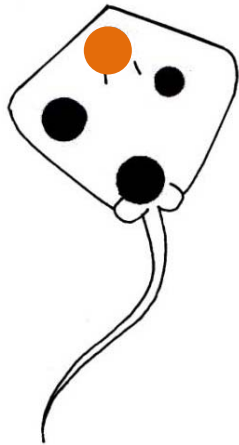


Orion and Taurus  
rising in the East

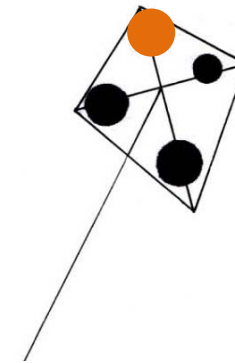
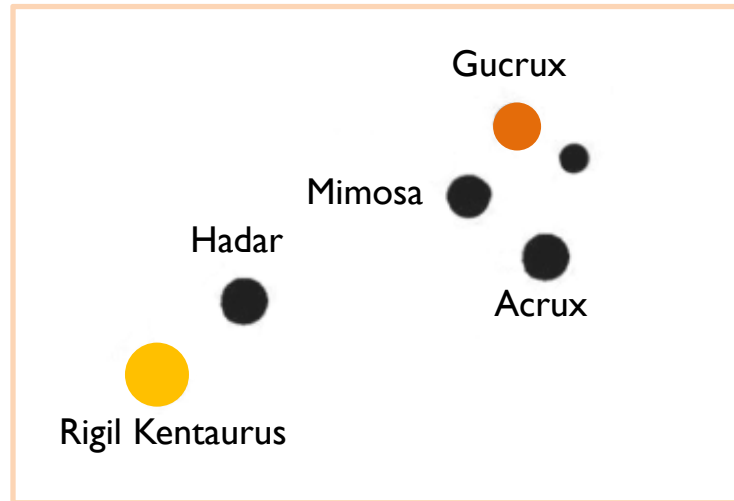
Orion and Taurus  
setting in the West



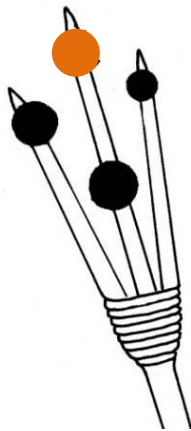
# Southern Cross in Many Ethnics in Malay Archipelago



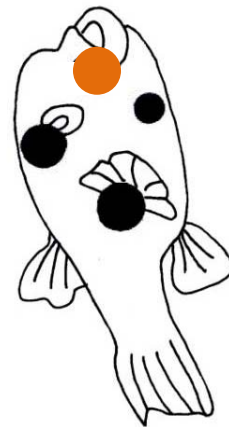
Pari (Peninsular Malaysia)  
Pai (Sunda)



Langlayangan (Sunda)



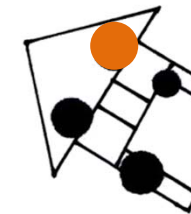
Tampulung (Palawan)



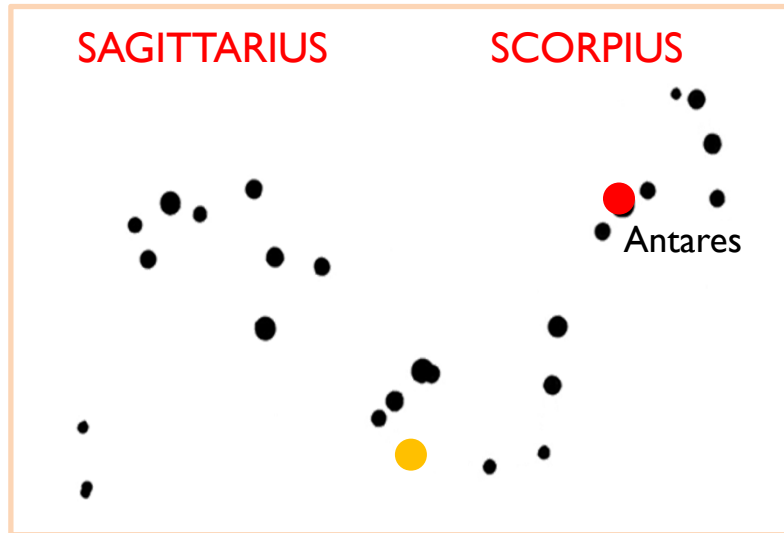
Buntal (Tawi-tawi, Sama)



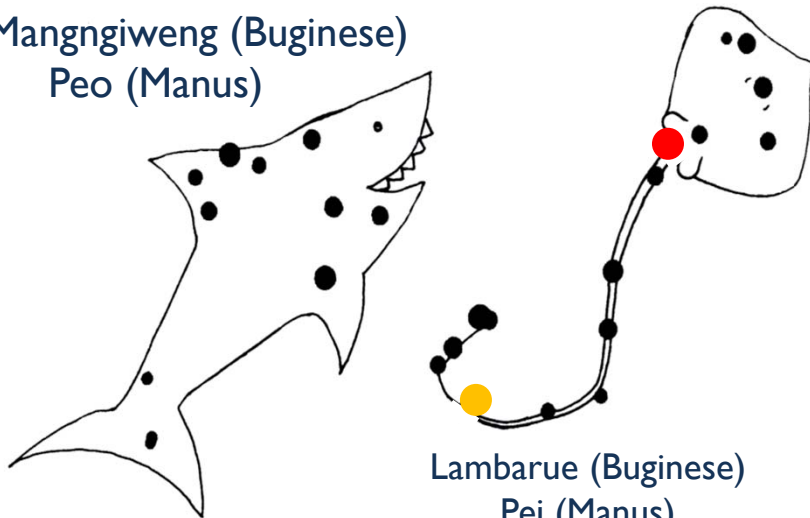
Gubug Penceng (Jawa)  
Bola Keppang (Bugis)



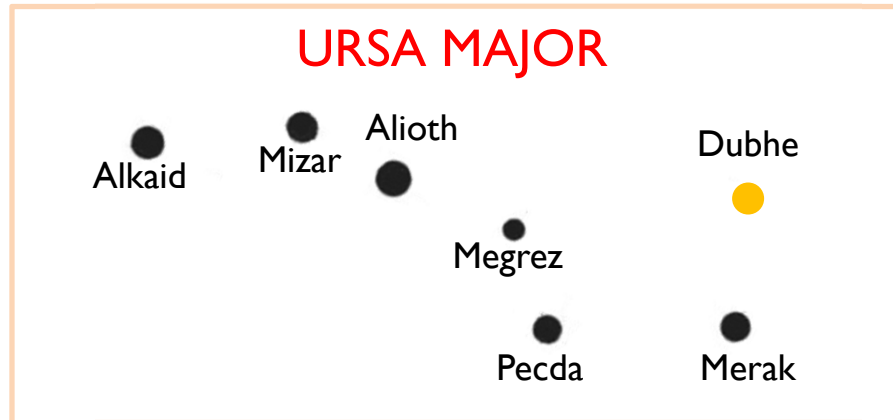
# Stingray and Shark



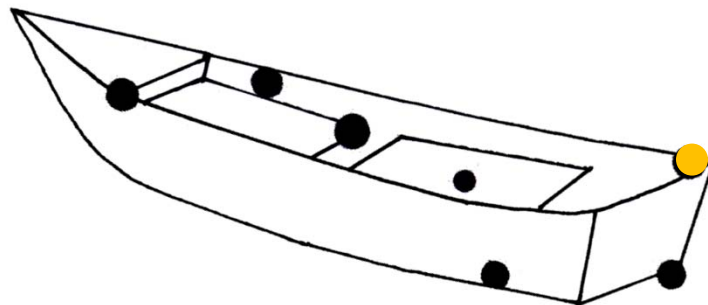
Bale Mangngiweng (Buginese)  
Peo (Manus)



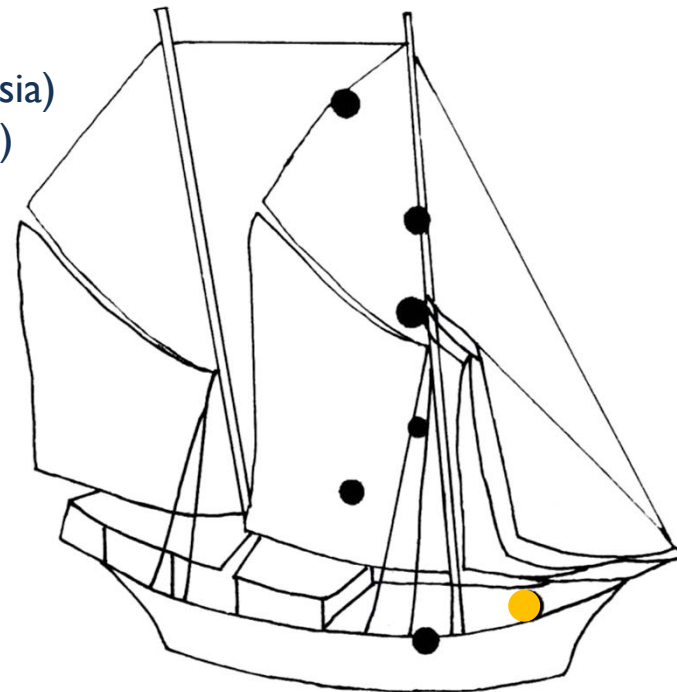
# Boats in the Sky

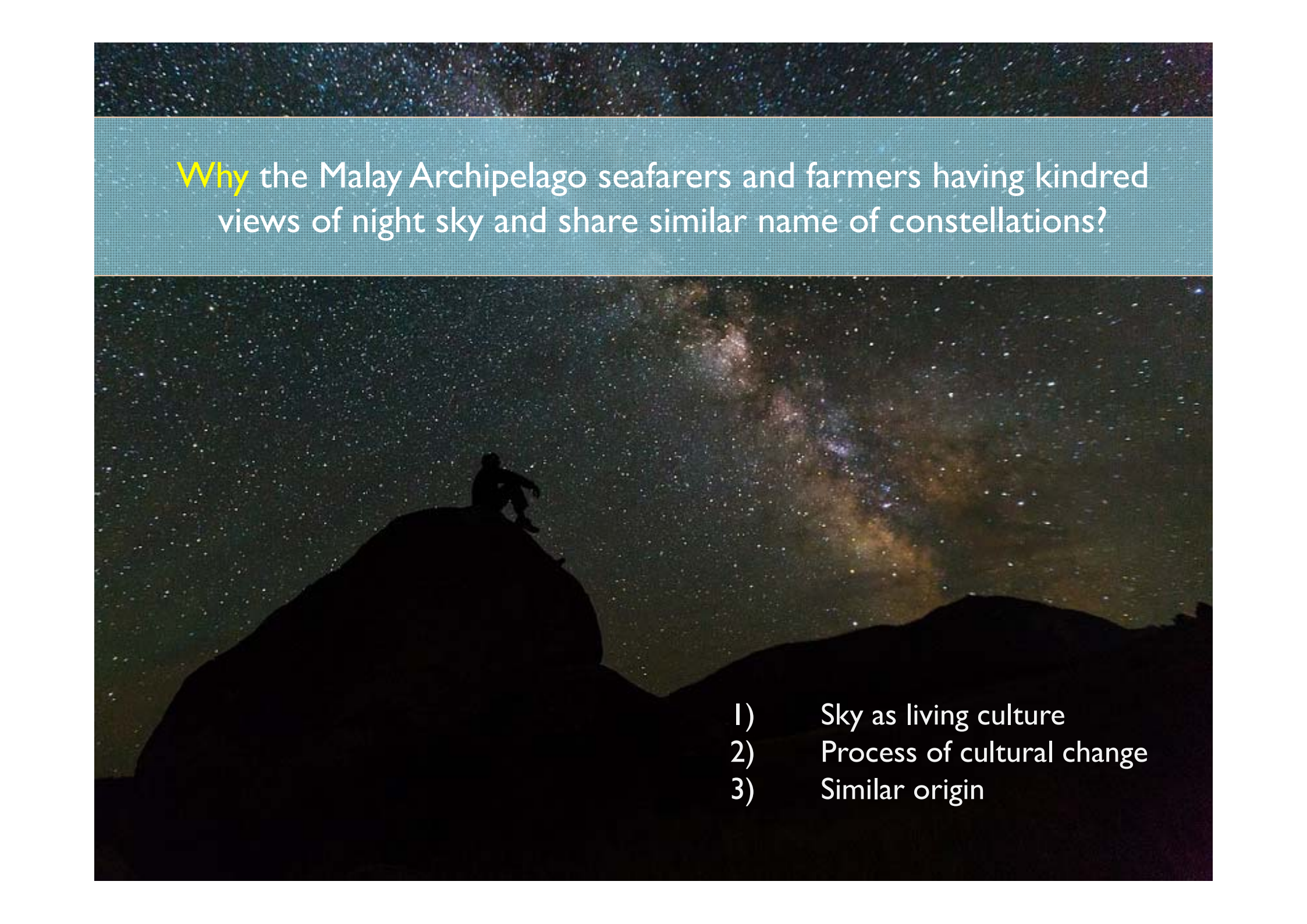


Jong (Peninsular Malaysia)  
Kappala'e (Buginese)



Biduk (Peninsular Malaysia, Maguindanao)  
Gubang ni Asak (Palawan)





**Why** the Malay Archipelago seafarers and farmers having kindred views of night sky and share similar name of constellations?

- 1) Sky as living culture
- 2) Process of cultural change
- 3) Similar origin

**Archaeoastronomy** is the study of how people in the past have understood the phenomena in the sky, how they used the phenomena in the sky, and what role the sky played in their cultures. It often twinned with **ethnoastronomy**, the anthropological study of skywatching in contemporary societies.

[ Clive Ruggles ]

