

# The Westernmost Tarsier

A NEW GENUS AND SPECIES FROM THE  
MIOCENE OF PAKISTAN

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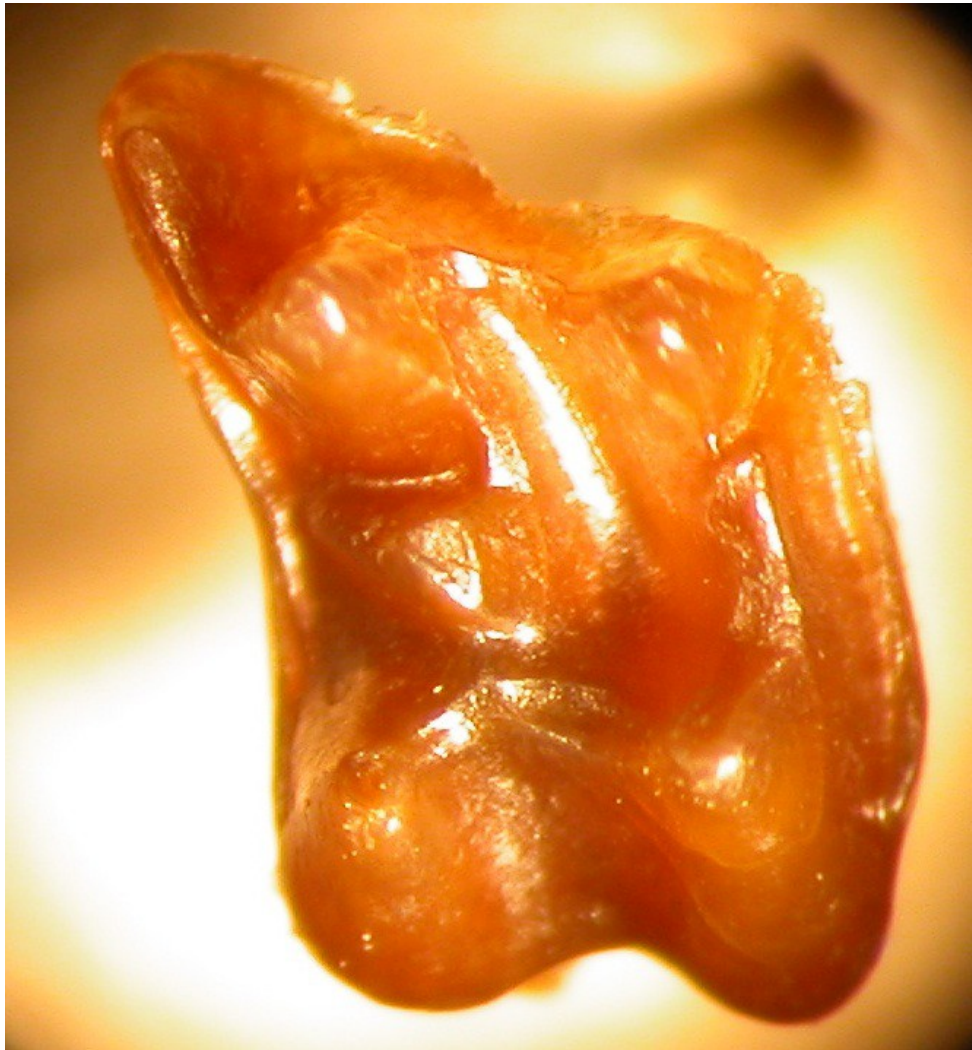
# Outline

- Context of the discovery
- The tarsier fossil record
- Description of the new tarsier
- Biogeographical and ecological implications

# The Miocene in Pakistan

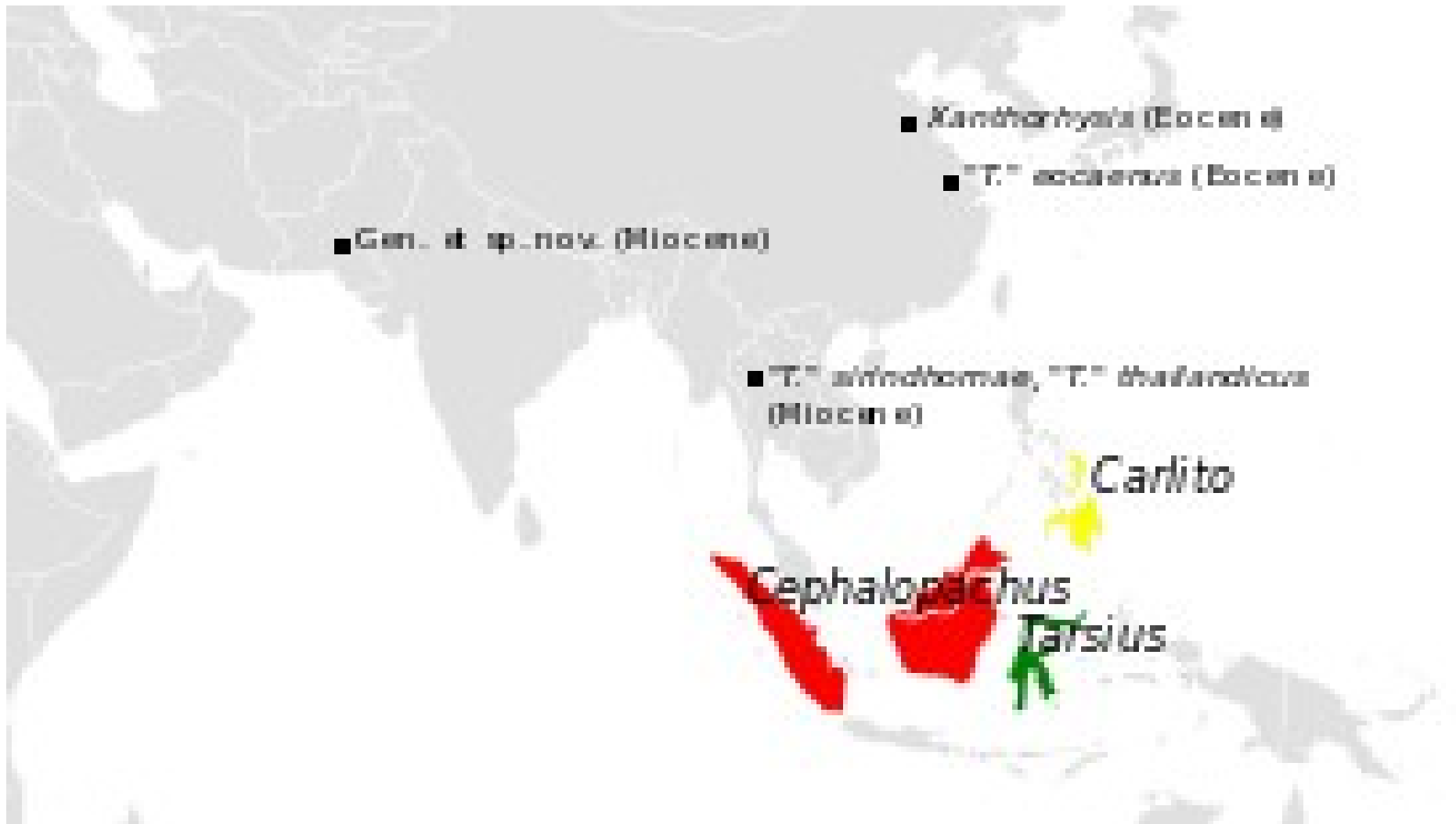


# Erinaceidae and beyond



*Galerix* sp. nov., right M1

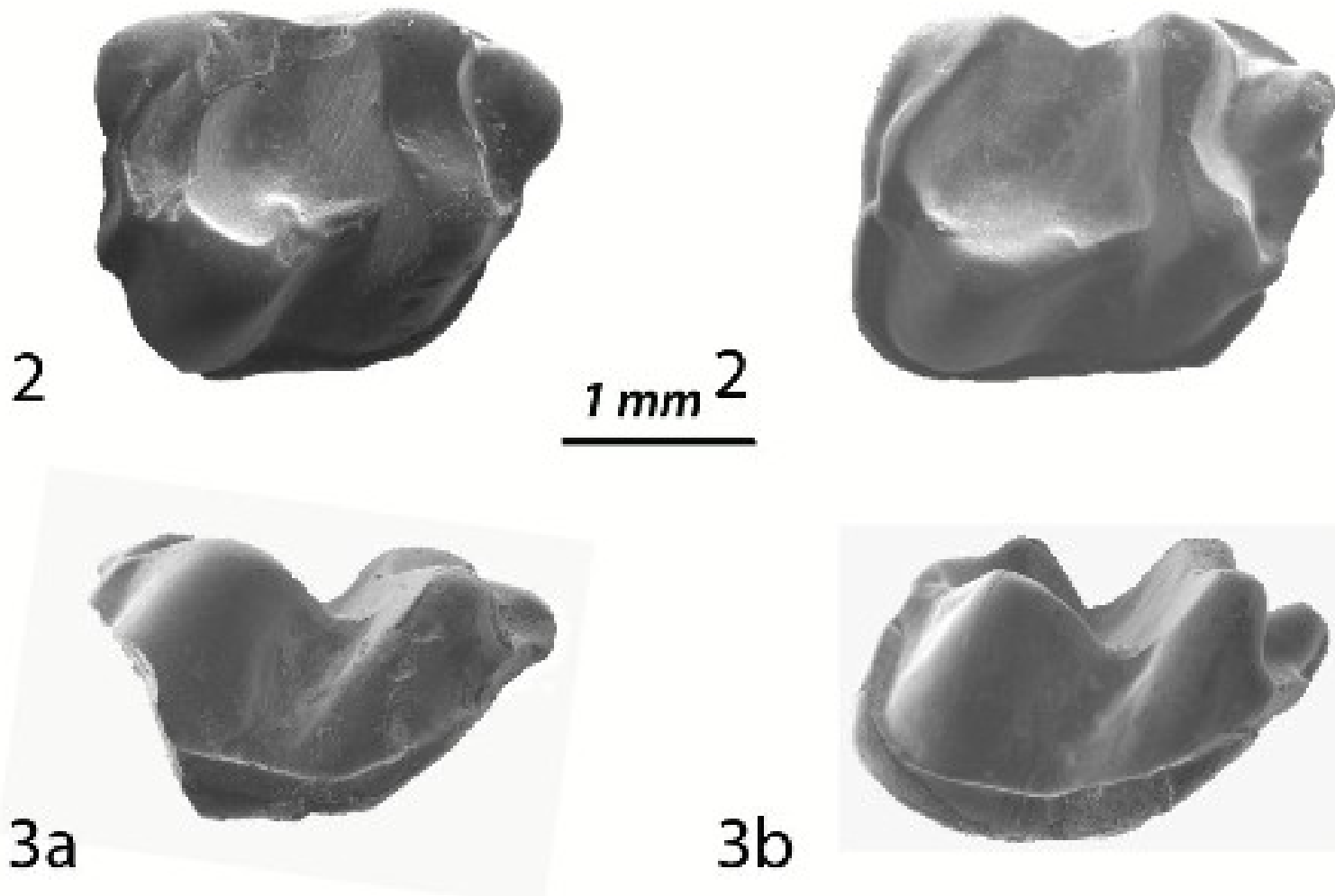
# The tarsier fossil record



# The Pakistani tarsier

- Two lower molars
- One upper molar
- Three tentatively identified upper premolars and canines
- From three different sites in same area, dated to 15–18 Ma by biostratigraphy

# Lower molars



# Upper molar



1a

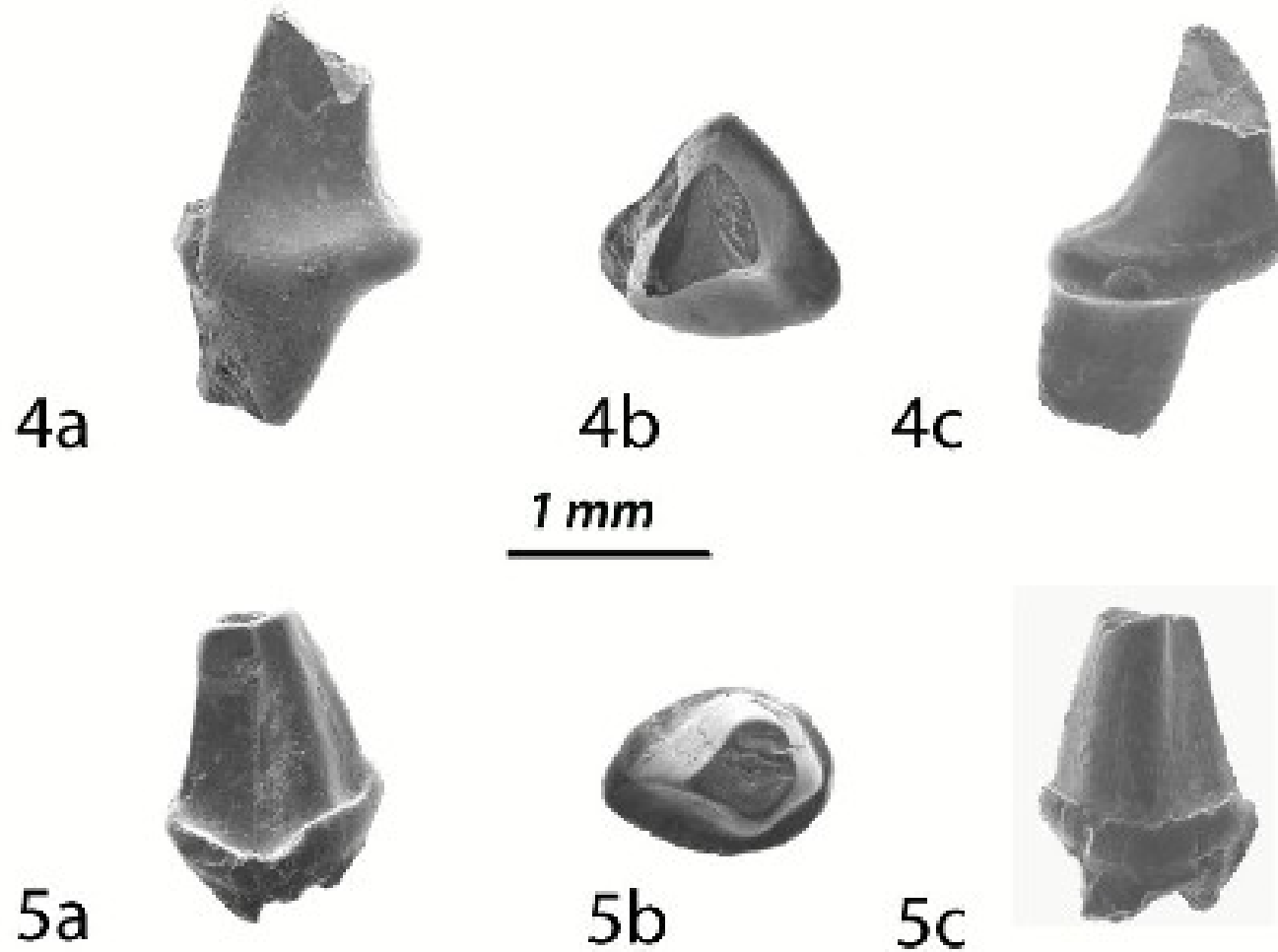
1 mm



1



# Premolars and canine

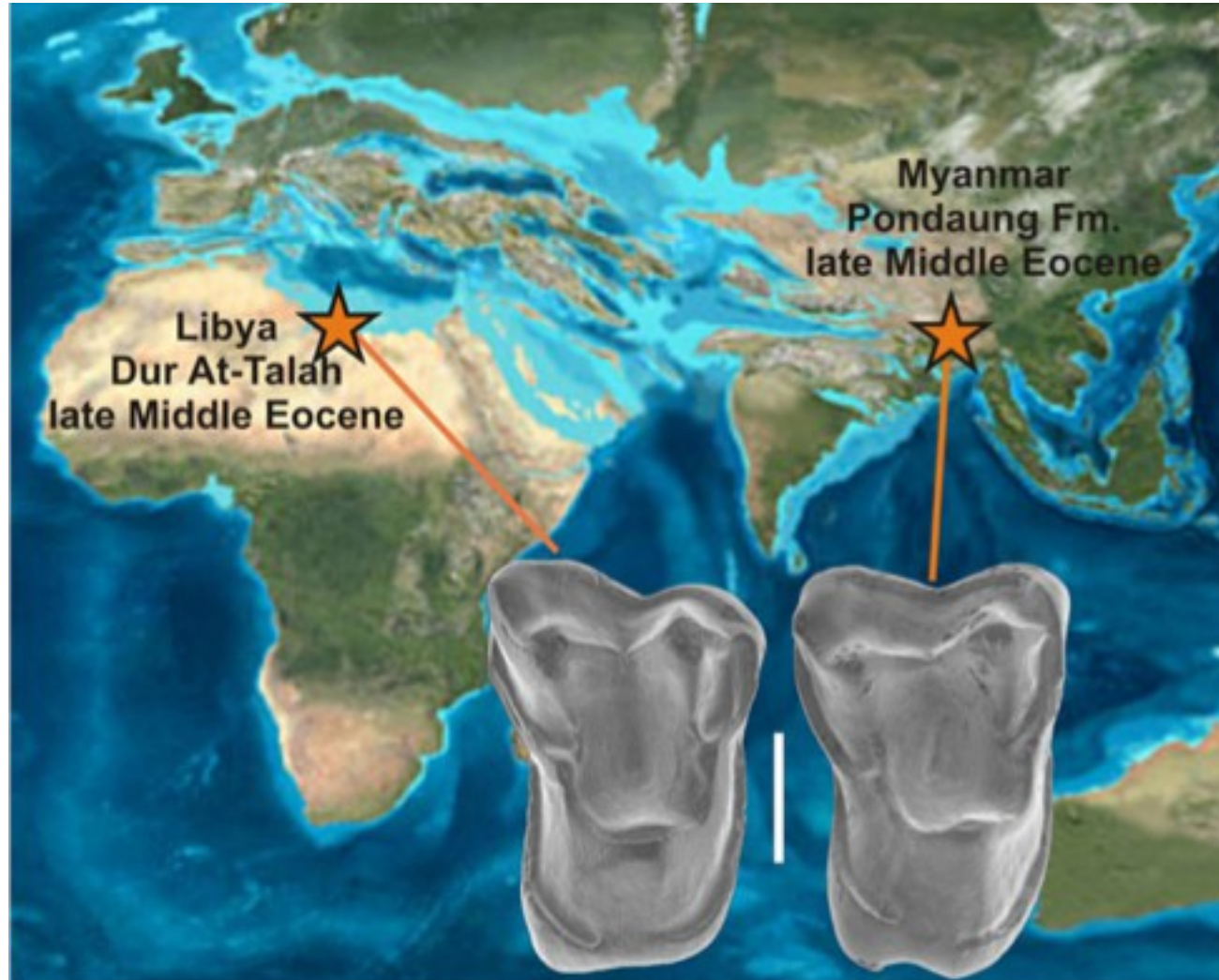


# Biogeography

Other groups in the Miocene of Pakistan that now only occur further east:

- Lorises
- Diatomyids
- Rhizomyines
- Treeshrews
- Colugos (Oligocene)

# Alternative affinities



M2 of *Afrotarsius libycus* (left) and *Afrasia djijidae* (right). Chaimanee et al. (2012, PNAS 109:10293–10297).