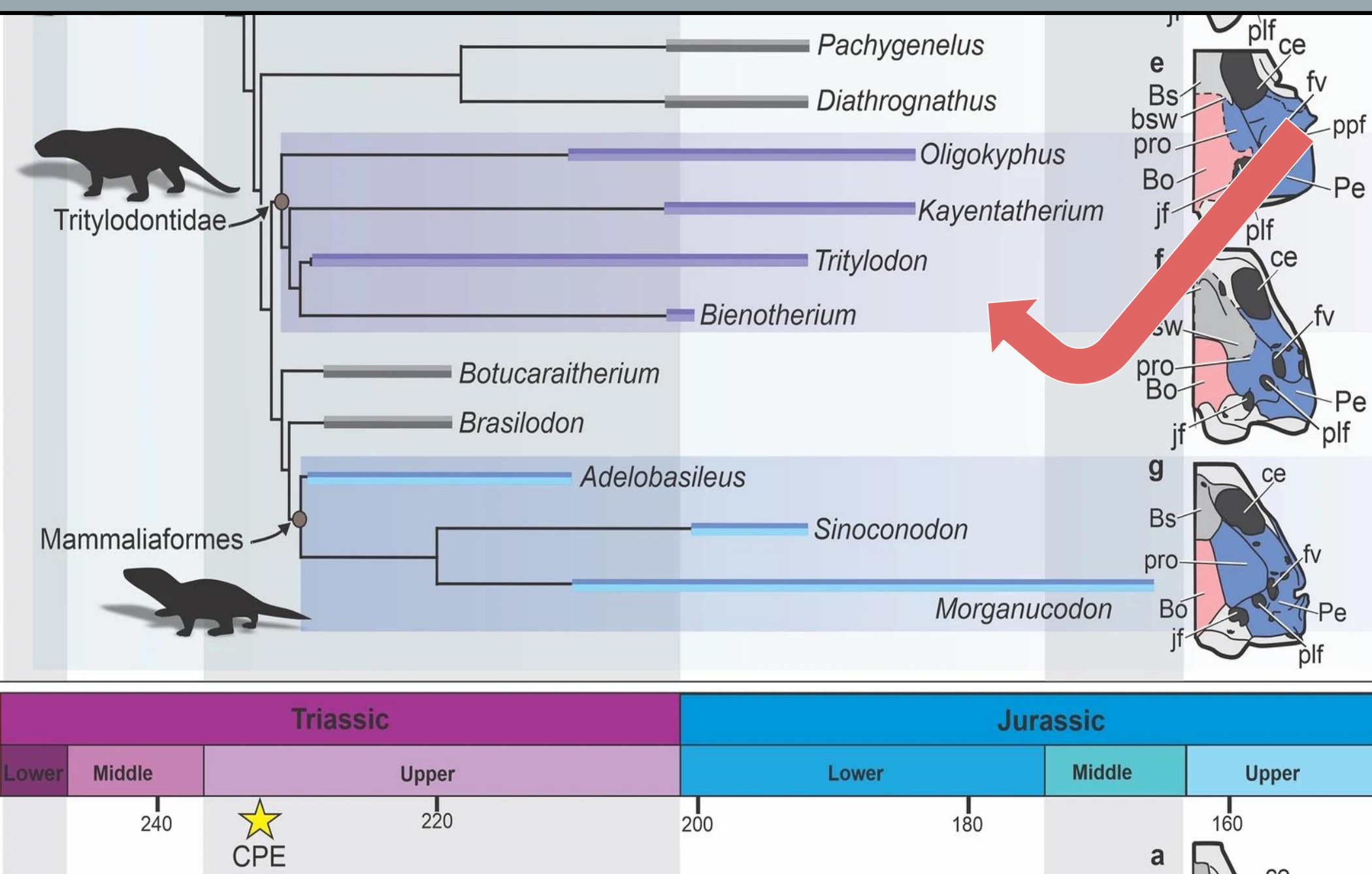


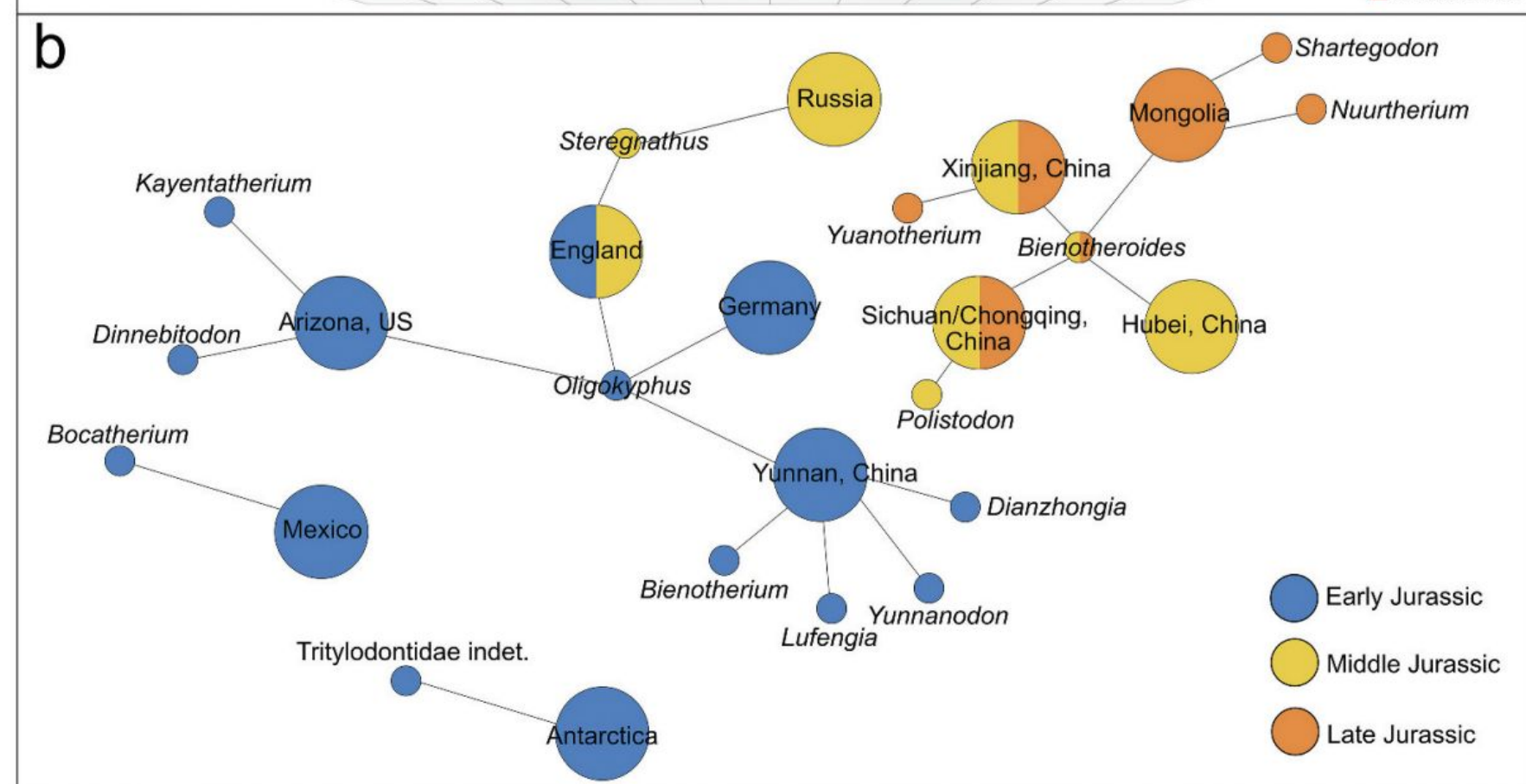
# ✦ Tritylodontidae: The Last Surviving Mammal-like Reptiles ✦

GEOL204 (0101) Spring 2025 Emma Retzlaff, Tanisha, and Patrick

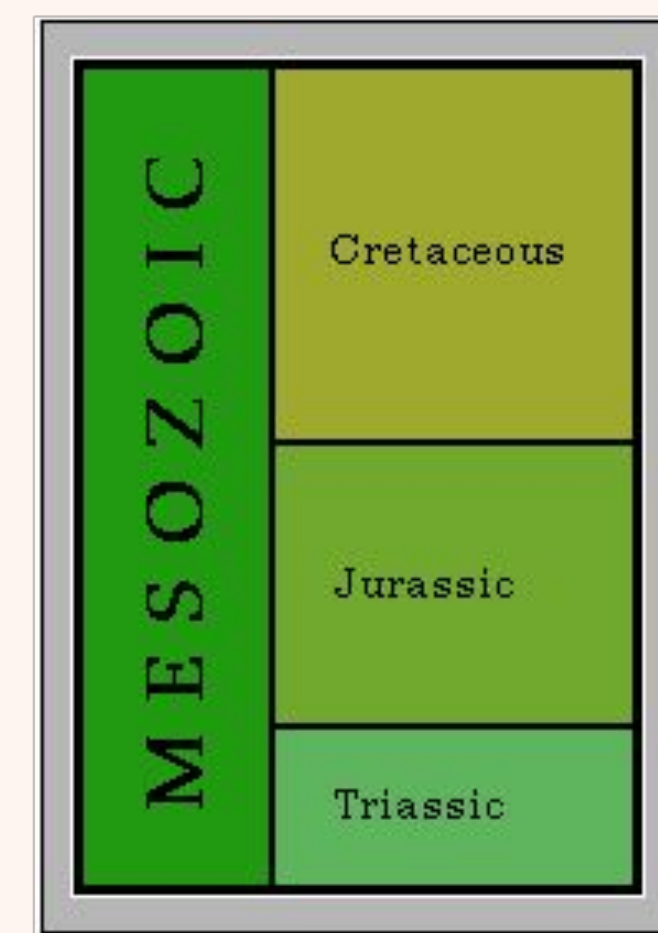
## When and Where they lived!



Jäger 2022, Fig. 8



Liu, Zhou, et al., 2022;



van der Merwe 2019, DeviantArt  
- kayanthatherium

## Ecology, habits, and habitat

The Tritylodontidae were herbivores and burrowers.

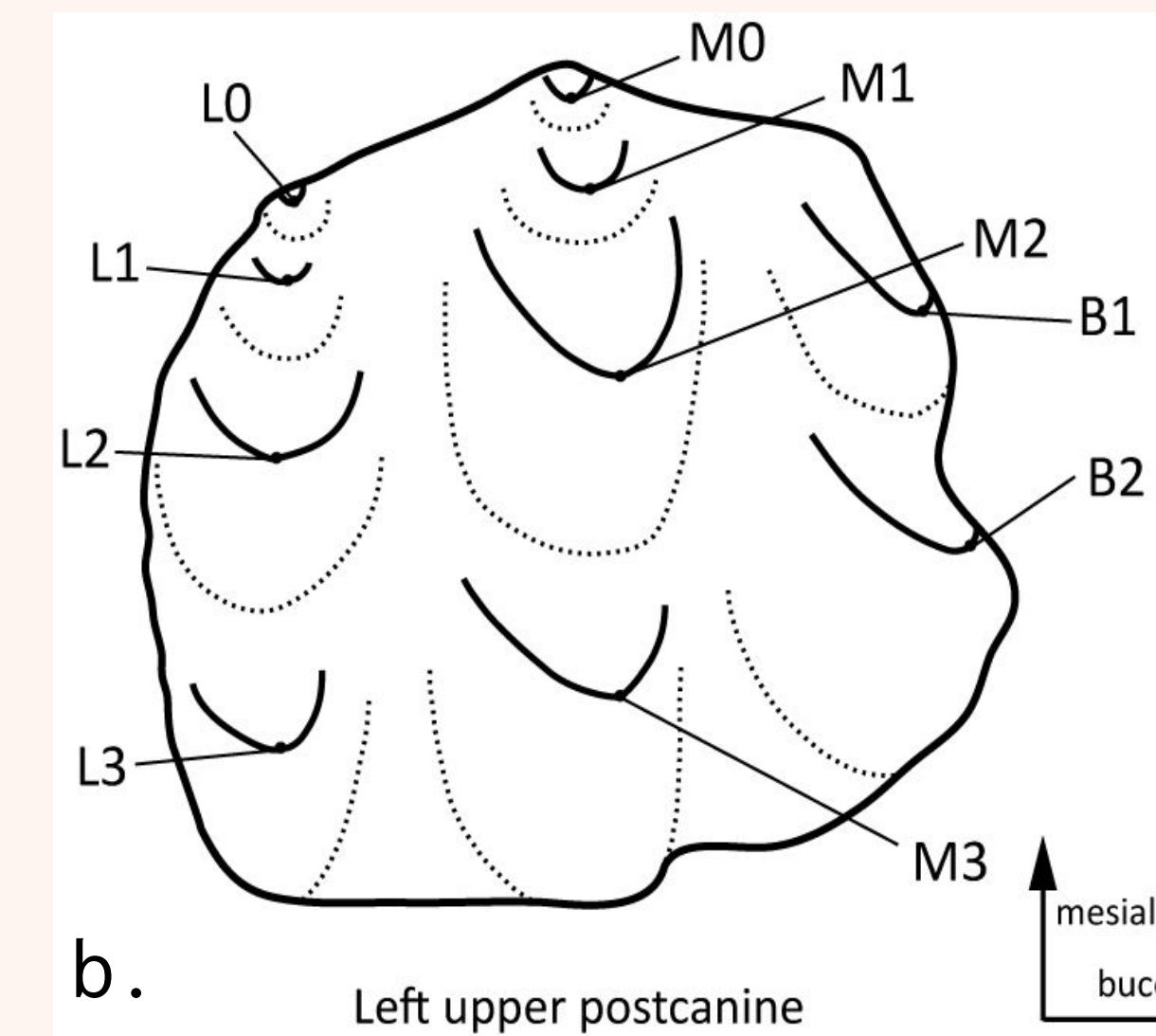


Figure 1. (a) The skull of *Shartegodon altai* showing the upper postcanine teeth and (b) a dental cusp diagram of the upper postcanine teeth of tritylodontids. Scale bar = 5 mm.



## Meet the Family!

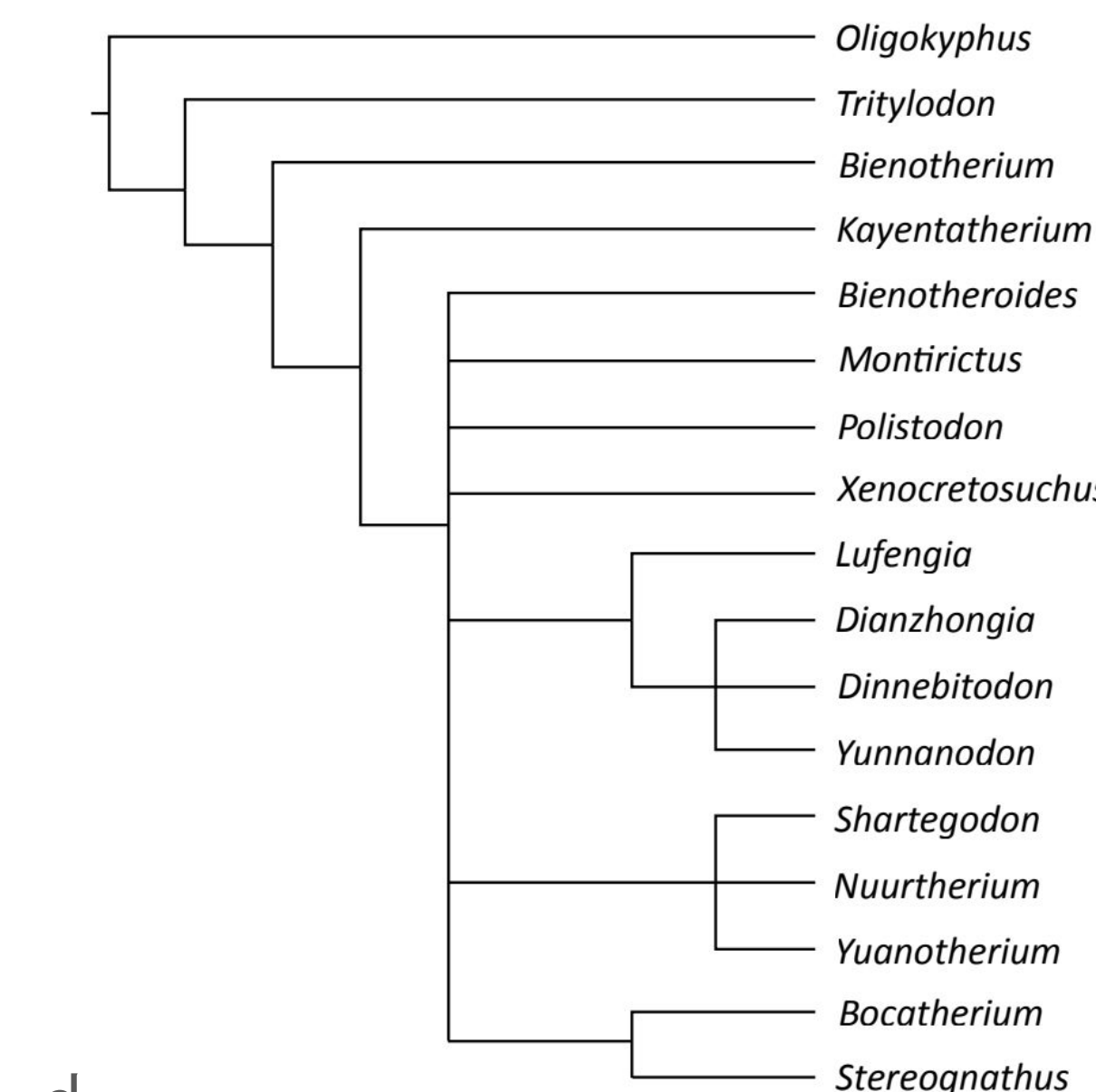
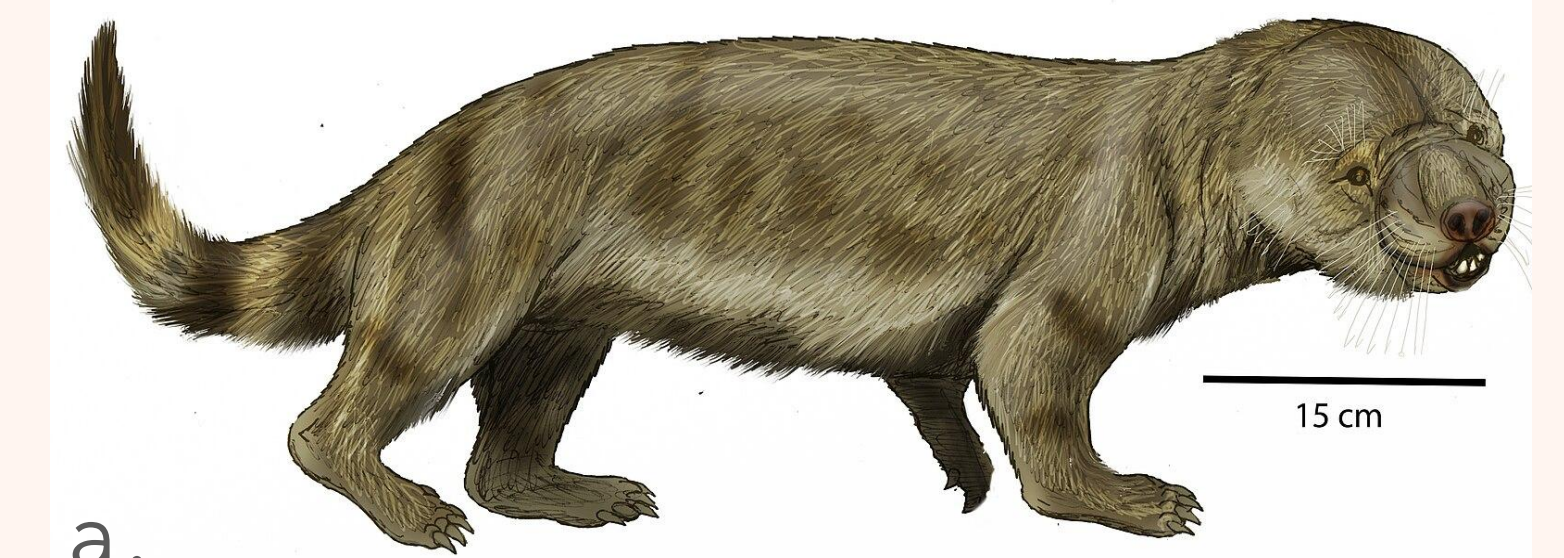


Figure 2a-d. Recreations of some genera of Tritylodontidae. Shown are (a) *Bienotherium yuannanese* (b) *Tritylodon longaevus*, (c) *Yuanotherium minor* and (d) a proposed phylogenetic tree.

d.

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