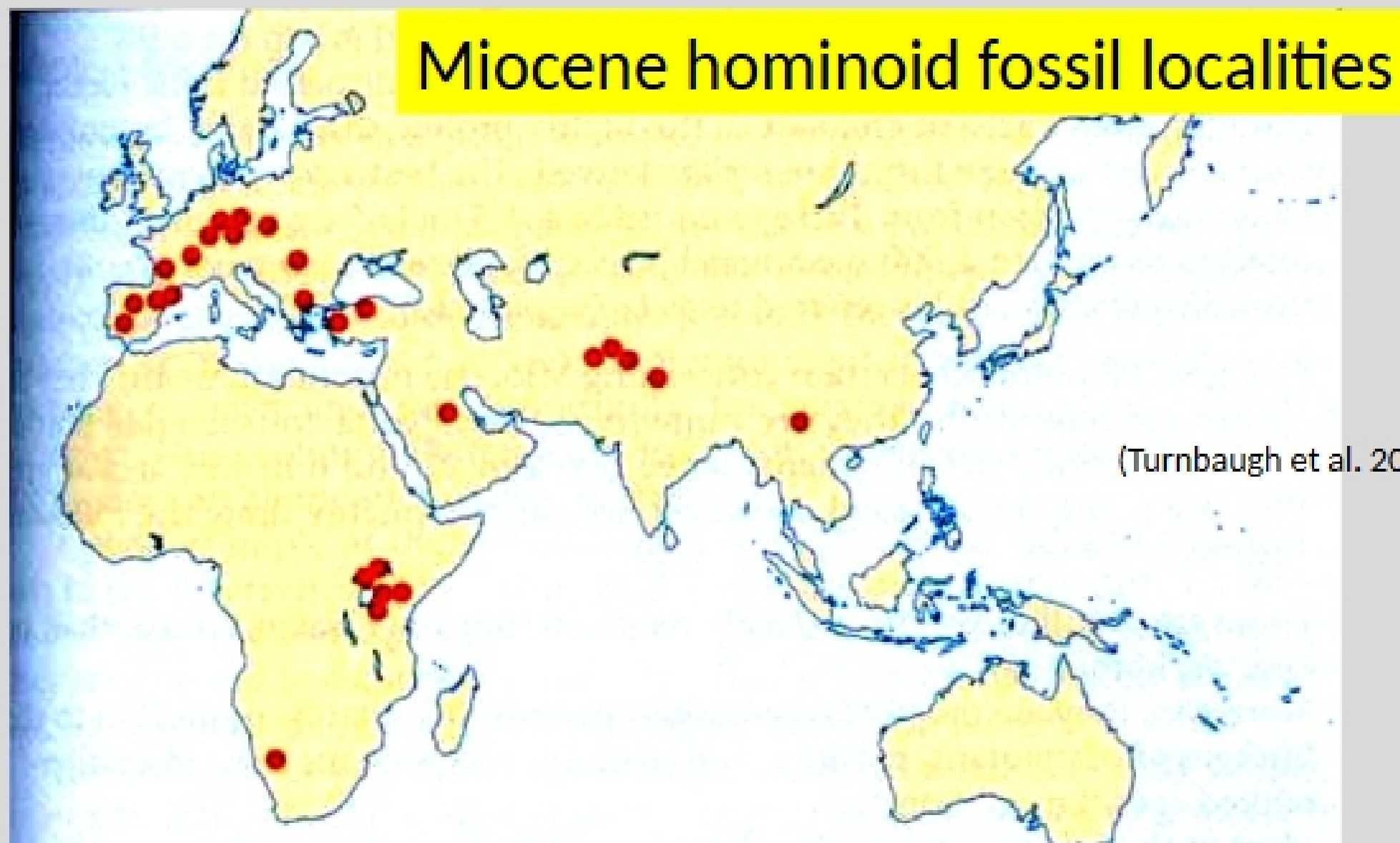


Miocene, 24-5 mya

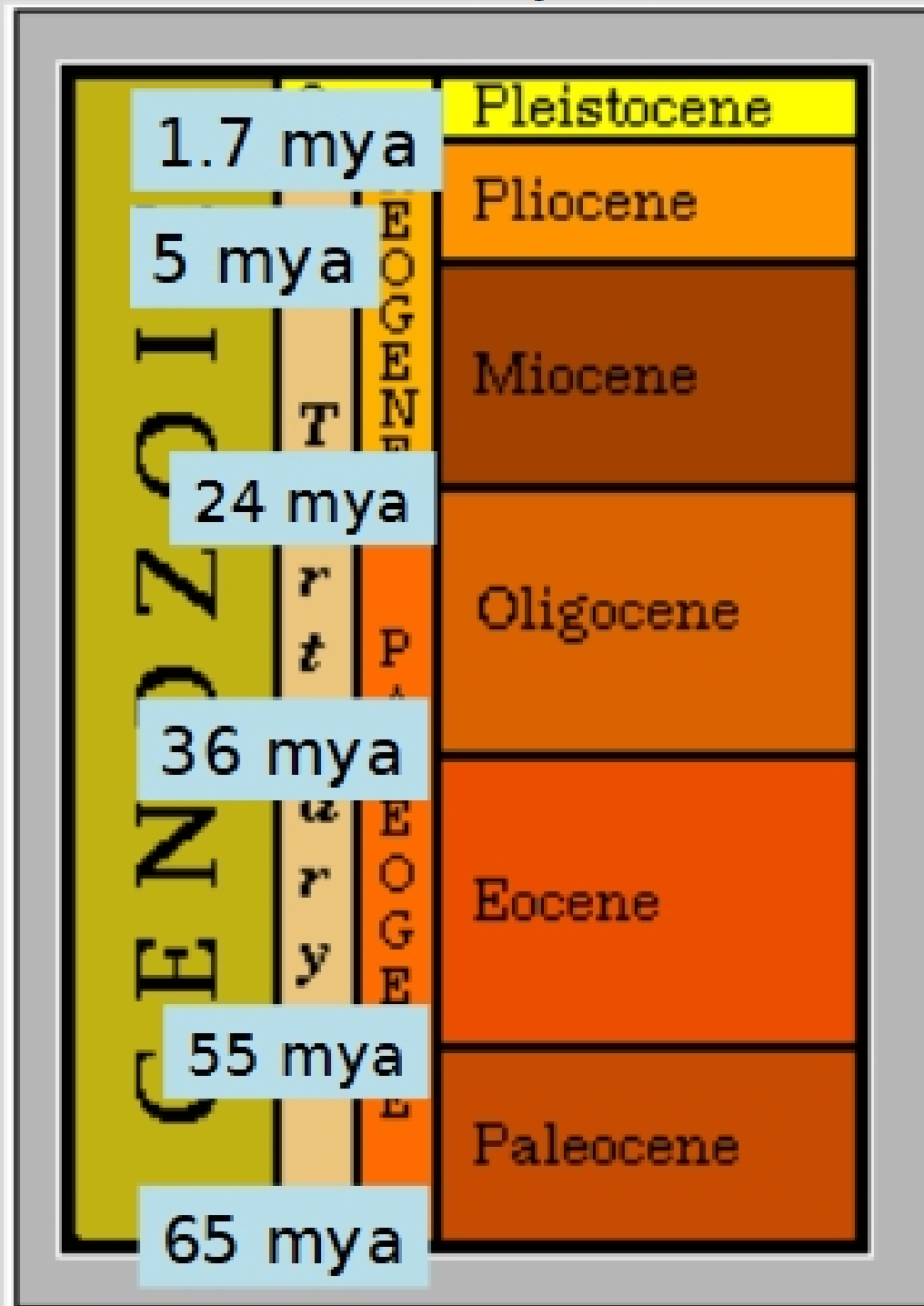
OK, here it is -- the epoch of greatest interest in early primate evolution

Major continental locations approx. same as today, except North and South America



Geologic Time Scale

Epoch



First hominoids, 30+ types

Anthropoids proliferate:
Platyrrhine/Catarrhine split

Late Eocene: anthropoids

Undisputed primates

archaic primates (disputed)
(Plesiadapiforms)

Early Miocene (24-16 mya) warm and wet

Proconsul was abundant in Africa, 3 species

Probably last ancestor to both Old World

monkeys and apes/humans

(the Catarrhines)

(Turnbaugh et al. 2002:192)

Has teeth like ape,
but body like monkey.

At this time see the first hominoids
(ancestors to apes and humans)

They had the Y-5 cusp pattern

They lived in forests,
eating leaves and fruit

