WHO:

- Perissodactyl: "uneven finger" - horses, donkeys, zebras, tapirs, rhinoceros
 [4]
- Lagomorphs: rabbit-like,
 share MRCA with rodents
 [3]

WHEN, WHERE, & MORE:

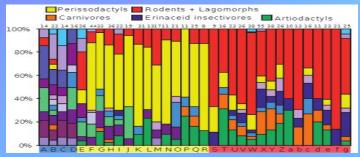
- E-O boundary: 33.9Ma [5]
- Europe & Mongolia[2]
- Most significant global biotic reorganization since end-Cretaceous extinction. [5]
- Faunal size changes correspond to tooth morphologies [2]

The Grande Coupure and the Mongolian Remodelling: Eocene-Oligocene Extinction

WHAT:

"Change from large-size perissodactyl-dominant fauna in forests under warm climate, to small rodent/lagomorph-dominant fauna in forest-steppe in dry climate at E-O boundary." [2]





WHY & HOW:

- Shift from greenhouse to icehouse [4]
- Change from humid to arid conditions [1]
- Global temperature plummeted, first Antarctic ice sheets appeared. [3]
- Cold deep waters circulated Atlantic;
 Arctic waters isolated global refrigeration [3]
- "Oxygen isotopes indicate global temperature drop of about 5-6°C in earliest Oligocene." [3]
- Knov
- Asian immigrants
 engendered
 competition in Europe,
 causing extinctions [1]

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