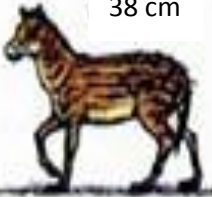

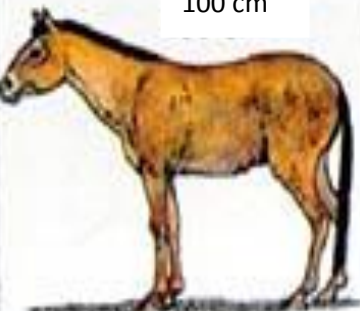
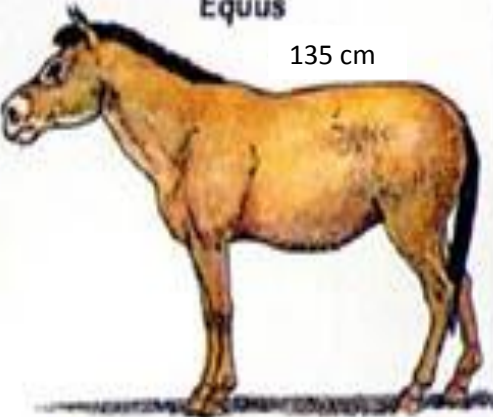






Evolution of the Horse

Use the images below to answer the **Guiding Question:** *How and why did horses evolve?*

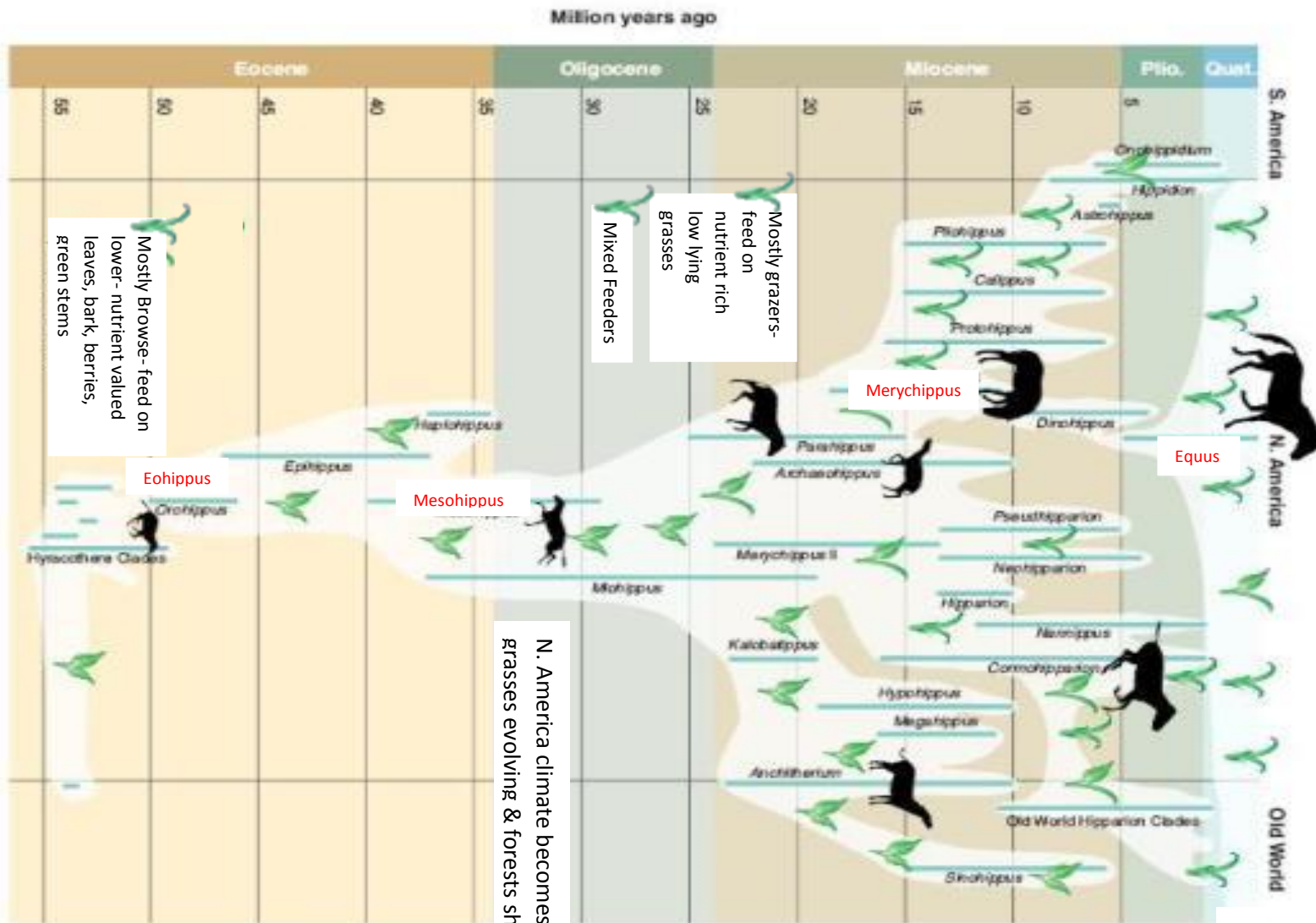
Trait that evolved	Describe the change	Environmental Cause for the Evolution

Evolution of the Horse

50 million years ago	35 million years ago	26 million years ago	3 million years ago
<i>Eohippus</i>	<i>Mesohippus</i>	<i>Merychippus</i>	<i>Equus</i>
 <p>38 cm</p>	 <p>52 cm</p>	 <p>100 cm</p>	 <p>135 cm</p>
 <p>Forefoot Skull</p>	 <p>Forefoot Skull</p>	 <p>Forefoot Skull</p>	 <p>Forefoot Skull</p>

http://sites.saschina.org/mitchellpx2016/files/2015/04/textbook_lies_horse_evolution_chart-2ltq1hv.jpg

Evolution of the Horse



<https://laelaps.files.wordpress.com/2007/09/mcfaddenhorsephylo2>

?=429&h=519

N. America climate becomes drier, grasses evolving & forests shrinking

- ← One species of horse
- ← Ice Age
- ← Apex of horse speciation

Evolution of the Horse

Equus
Recent



Pliohippus
Late Miocene



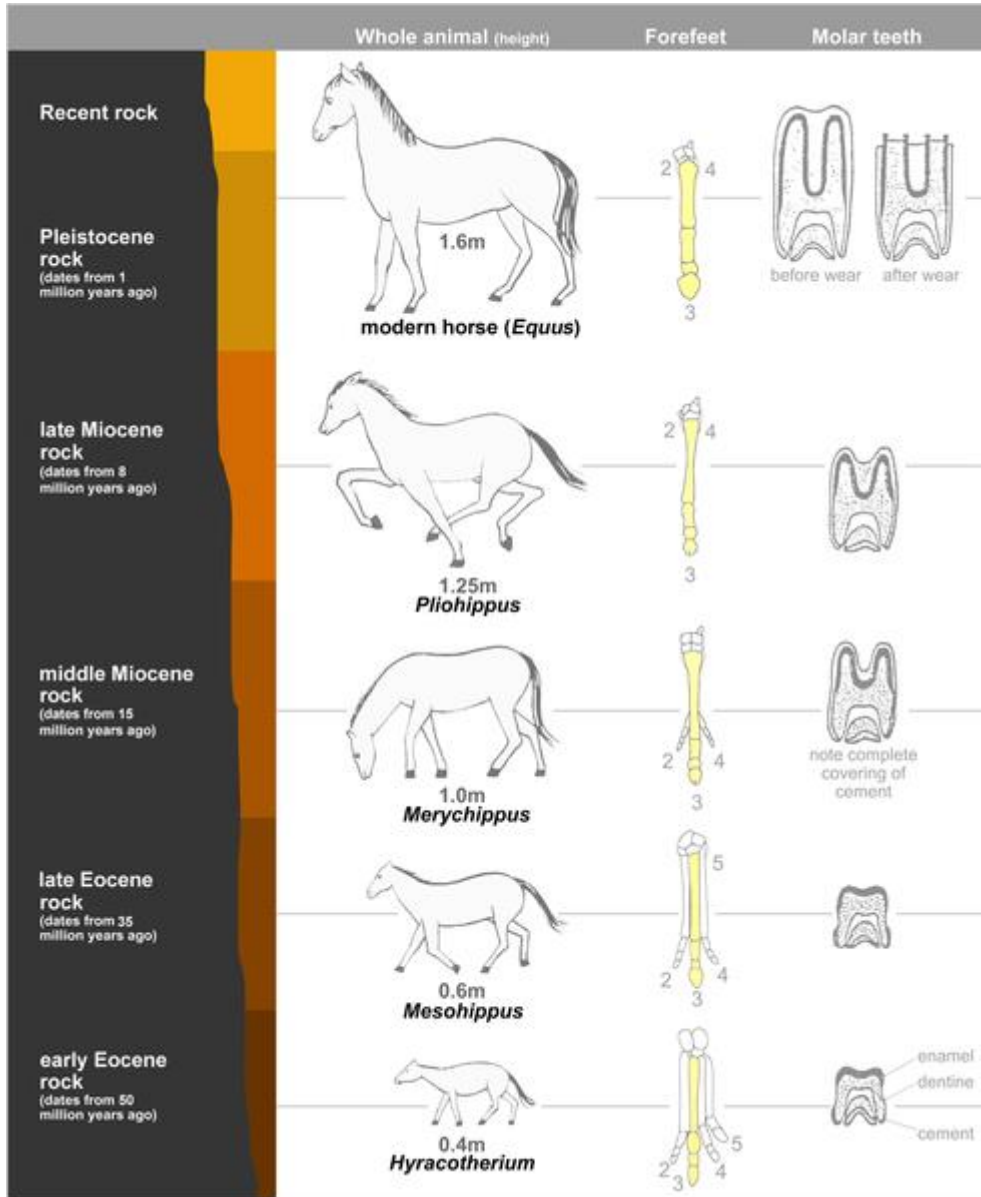
Merychippus
Middle Miocene



Mesohippus
Late Eocene

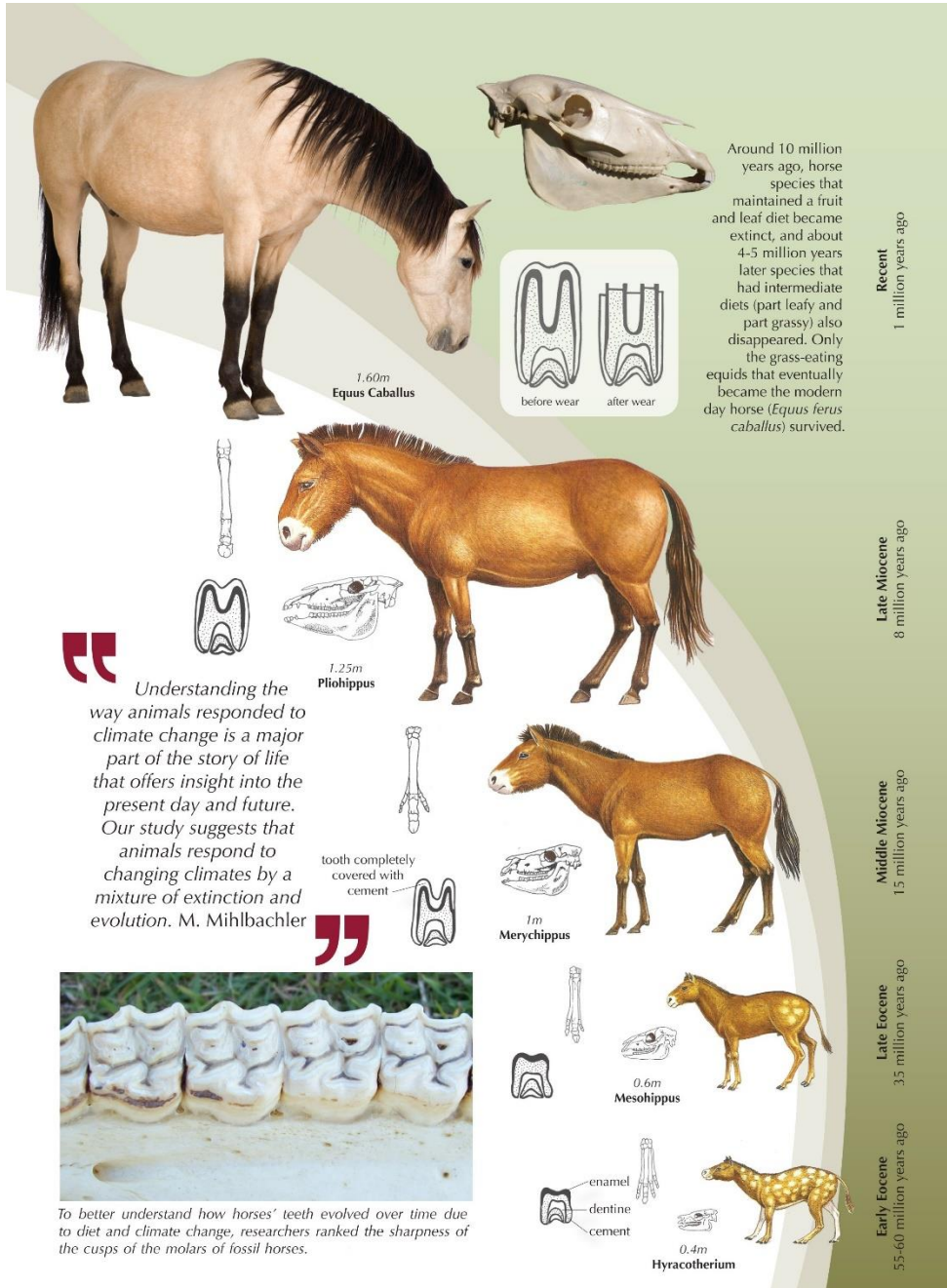


Evolution of the Horse



<http://www.evolutionevidence.org/wp-content/uploads/2013/08/Horseevolution.png>

Evolution of the Horse



Evolution of the Horse