

# **Teeth Evolution**

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## The beginning: plastic teeth

- For herbivores
- Weak
- Not durable

- 1. Munus alba
- 2. Murus griseo
- 3. Archimagirus luteus



### First steps into metal

- Plants developed bark
- Needed stronger teeth to grate it down

Species include:

1. Conrugis pars



## Sap-getter

- Protrusion to bore into tree
- Flat surface with separated, sharp edge
- To grind up other plant matter

Species include:

1. Intermissum habes



### Separated edge grinders

• Uplifted edge used to cut up what can't be ground

Species include:

1. Intemissum medulla



### Flat grinders

- Some climates had softer plants
- Sharp edge not needed
- Enough plants for some herbivores to become megafauna
- Some needed shock absorption

- 1. Lava magna
- 2. Lava procedo
- 3. Lava flexilus
- 4. Lava cavas



### Grinders with protrusions

• Protrusions for breaking through shelled nuts

Species include:

1. Lava alas



### Thicker teeth

- Used in deserts, to break through thicker plant layers
- Some could store water

- 1. Hexagonum transcendi
- 2. Hexagonum mediocris
- 3. Hexagonum altum



### **Burrowing teeth**

- Became omnivores
- Used to pierce the ground and find bugs
- Some longer for more piercing

- 1. Circum odiosis
- 2. Circum aurum
- 3. Gladii habentes
- 4. Gladii inenormis



### The first carnivores

- Enough herbivores for a viable food source
- Two-pointed teeth to break the skin
- Inaccurate, and likely to fall out

- 1. Fixo nigrum
- 2. Fixo argentum



### Single points

- Small point, with large roots
- Roots not necessary in this size

- 1. Aggresus canus
- 2. Aggresus lucidum



### Longer teeth

- Teeth became longer
- Got less roots
- Different colors for different environments

- 1. Clavus minima
- 2. Clavus aes
- 3. Clavus pretiosum
- 4. Clavus parvus
- 5. Clavus sordidum
- 6. Clavus vibrante



### Hooked teeth

- Teeth that bent backwards
- Had better grip on prey
- Needed larger roots
- Good at tearing flesh chunks

Species include:

1. Clavus obstipus



### Larger teeth

- Thicker, longer teeth
- For larger prey
- Needed large roots

- 1. Clavus scabra
- 2. Clavus cotidianus
- 3. Clavus crassus
- 4. Clavus caput



### **Efficient eating**

- If predators couldn't eat fast, food would be stolen
- Developed teeth with inlaid grooves
- Allowed faster eating

#### Species include:

1. Mixa acuta



### Rounded roots, outer grooves

- Developed outer grooves to be even faster
- Used rounded roots to secure teeth
- Teeth could fall out easily
- Some became megafauna
- Some developed for better initial piercing

- 1. Rotundum hyacinthum
- 2. Rotundum deformem
- 3. Rotundum immamenque
- 4. Rotundum praefigo



## Triangular roots

- Rounded roots didn't work so well
- Triangular roots held better
- But golden hue could alert prey
  - Gradually evolved different colors

- 1. Planus auratus
- 2. Planus fortitudo
- 3. Planus stultus
- 4. Planus altilis



## End grooves only

- If the grooved teeth went in too far, they could get stuck
- Evolved to have outer grooves only on the end
- Still efficient at eating, gets stuck less
- Some became darker to be less spottable in the night

- 1. Planus brevus
- 2. Planus longus
- 3. Planus noctus



### Hooked roots

- There were too many predators
  - Prey became scarce
- Some predators became smaller
  - Needed less food
- But, mouths too small too have huge teeth
- Developed teeth with special roots
- Could lie flat against roof of mouth, then swivel into bite position

- 1. Quaestio niveus
- 2. Quaestio finis





### The end

It is upon us all

hats all Folk