
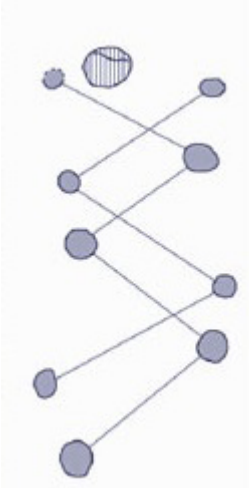


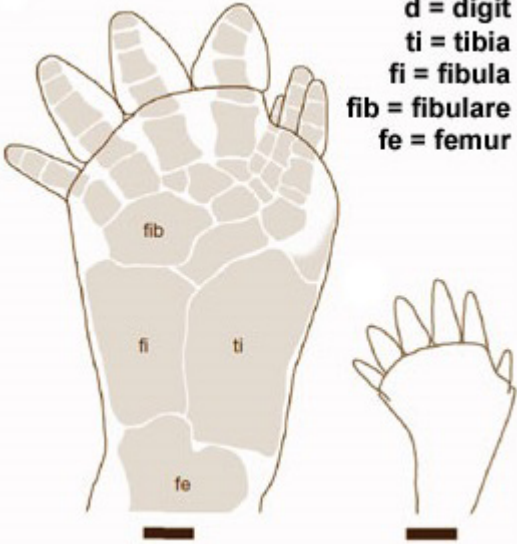


## Case study 1

When: 395 million years ago

Where: Poland

1	2	3
 <p>Something walked across the edge of a sea. Can you highlight the footprints?</p>	 <p>These show the strides of the animal. Is it two-legged or four-legged?</p>	 <p>This is the kind of animal it might have been and how it would have walked. What kind of animal is it?</p>
 <p>This is a laser scan of one of the footprints. How many digits (fingers) does it have?</p>	 <p><b>d = digit</b>  <b>ti = tibia</b>  <b>fi = fibula</b>  <b>fib = fibulare</b>  <b>fe = femur</b></p> <p>This is a diagram of how the foot bones might have been arranged. Look up all those words in a dictionary and try to work out where they are on your body.</p>	

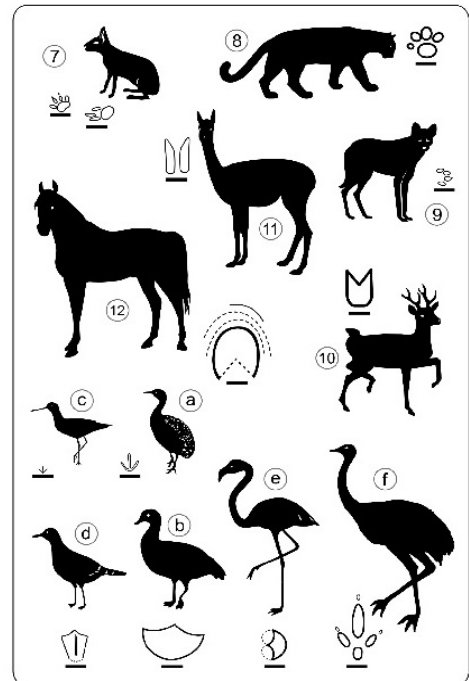
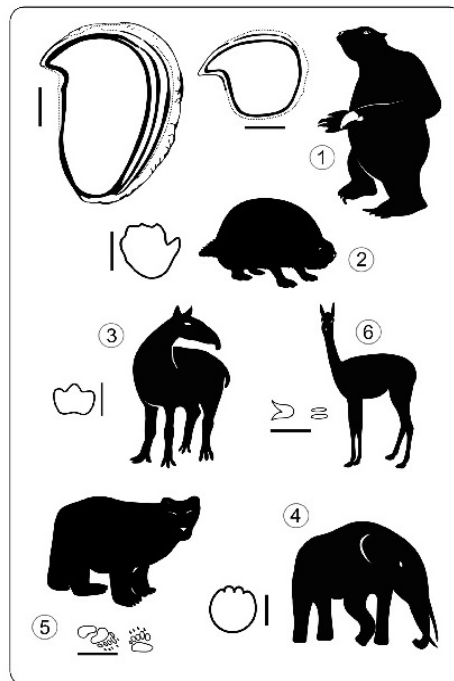
## Case study 2

When: 12,000 years ago

Where: Argentina

1. Giant sloth\*
2. Giant armadillo\*
3. Liotptern\*
4. Mastodon\*
5. Bear
6. Llama
7. Hare
8. Puma
9. Hyena
10. Deer
11. Guanaco
12. Horse

- a. Tinamou
- b. Duck
- c. Curlew
- d. Gull
- e. Flamingo
- f. Rhea



See if you can match these footprints to the diagram above. \*Means species now extinct



### **Case study 3**

When: 2 million years ago

Where: California

Wolf track



Wolves live in the northern hemisphere where it is cold.

Mastodon (extinct elephant) track



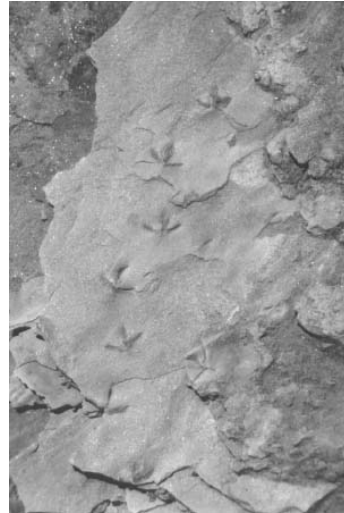
Mastodons were related to mammoths and lived in cold climates

Llama



Llamas live in the Andes, very high mountains where it is cold.

Sandpiper



Sandpipers live on the edge of seas and lakes, and often in the northern hemisphere where it is cold.

What kind of climate did California have 2 million years ago?

How different is it to the climate there today?