

EVIDENCE AND CONCLUSIONS

What evidence supports each conclusion? Match the evidence scientists found within the coprolites and the specific things they concluded about the "bone-crushing" dogs' ecosystem. Note that pieces of evidence can be used to support more than one conclusion and conclusions may be supported by more than one piece of evidence.

Conclusions
Bone-crushing dogs weighed about 50 lbs, and probably hunted in packs.
The dogs marked their territories.
The dogs ate animals much larger than them.
Ecosystems were probably disrupted when the dogs went extinct.

Evidence
Some of the bones in the coprolites belonged to animals that weighed 75 lbs or more.
About 5% of the coprolites were bone fragments.
14 coprolite fossils were found in the same place.
Partially digested bone and feces with bones provide nutrients to an ecosystem in an unusual way.
The coprolites came from multiple dogs.

Explain why you matched the conclusions and evidence the way you did using what you know about digestion and fossils.