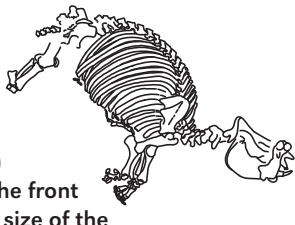


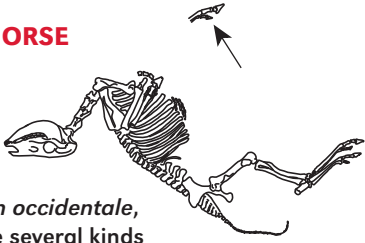
**1 YOUNG ADULT MALE RHINO "Tusker"**

Estimated Age: 8-9 years (wisdom teeth just coming in)  
The highly polished tooth at the front of the jaw is a tusk. The large size of the tusk identifies this animal as a male. The thigh bone across its face was probably pulled from the carcass of a neighboring rhino by a large predator.



**2 THREE-TOED HORSE**

Notice the "side-toes" on each foot, the slender legs and light build. This is *Cormohipparion occidentale*, one of the larger of the several kinds of horses living in this area 10 million years ago.



**3 ADULT FEMALE RHINO "Sandy" with BABY RHINO "Justin"**

This close association suggests that "Justin", who is about one month old, may be "Sandy's" calf. Several examples of baby rhinos in nursing position have been found previously at Ashfall (none in the Rhino Barn yet).



**4 SCAVENGED RHINO CALF**

After this rhino died and was partially covered with volcanic ash, a large bone-crushing dog pulled off the pelvis and part of the backbone, then moved it several feet to the east.



**5 RHINO CALF "T.L."**

Estimated Age: 1 year (all milk teeth in wear)  
Notice the rib separation caused by escaping gasses of decomposition.



**6 ADULT MALE RHINO "Dr. Marie"**

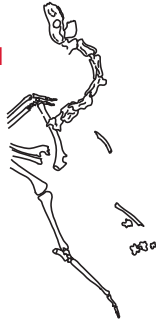
Estimated Age: 10-12 years (all permanent teeth in wear)  
The bones of this individual show well developed bone disease which is related to severe lung damage.



**7 SCAVENGED CAMEL SKELETON**

The chewed and broken bones of this camel and the presence of fossilized carnivore scat show that this animal was partially eaten.

Probably ancestral to Old World camels, this species is called *Procamelus grandis*.



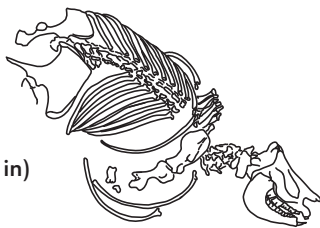
**8 SMALL DEER SKELETON (*Longirostromeryx*)**

This individual is partially obscured by a horse skeleton and a rhino skeleton. Though not fully exposed, this is one of the sabre-tooth deer.



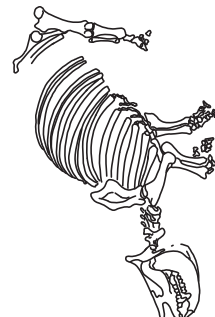
**9 YOUNG ADULT MALE RHINO "A.G."**

Estimated Age: 8-9 years (wisdom teeth just coming in)  
Found by student worker Amy Goedert.



**10 OLD BULL RHINO "Snag"**

Estimated Age: 20+ years (all permanent teeth well worn)  
Note the uneven tooth wear (malocclusion) resulting in the "snaggle-toothed" appearance, and large tusks.



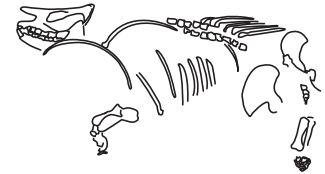
**11 BULL RHINO**

This rhino is resting belly-down. Its skull is displaced and it has large tusks in the lower jaw. Note the slender horse leg below the jaw.



**12 ADULT RHINO**

This is an adult rhino with several ribs displaced by scavengers. Excavation of the body cavity revealed clumps of fossil food.



**13 ELDER COW RHINO "Brockie"**

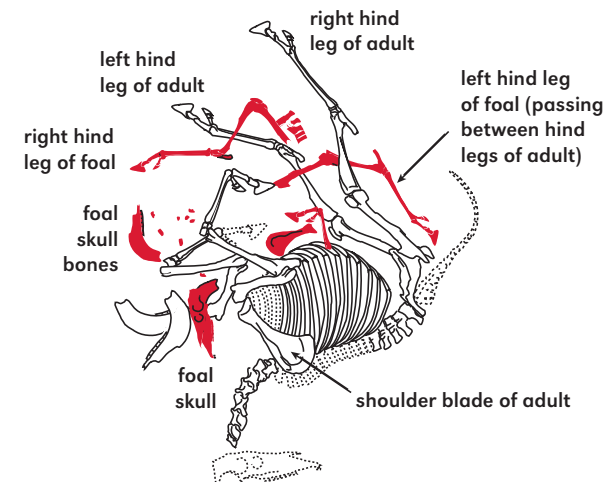
This elder cow rhino was heavily scavenged and many of the bones are displaced. The skeleton was discovered by volunteer assistant Norma Brockmoller.



**14 3-TOED MARE AND FOAL SKELETONS**

This young mare and foal, horse species *Neohipparion affine*, have been disturbed (by trampling and scavenging?). However, it is clear that the baby was between the adult's legs when it died.

□ ADULT HORSE BONES ■ IMMATURE HORSE BONES  
- - - - Covered or missing bones



# ASHFALL FOSSIL BEDS

State Historical Park & National Natural Landmark

## Skeleton Map

Skeletons exposed from 1991-2001



ashfall.unl.edu

UNIVERSITY OF NEBRASKA STATE MUSEUM



UNIVERSITY OF NEBRASKA Lincoln

