

10. Taphonomic Analysis of the Vertebrate Population of Pin Hole Cave.

- 10.1 Quarternary Vertebrates and lithics frequency
- 10.2 Frequency of remains ,Pin Hole Cave.
- 10.3 Distribution of Artefacts.
- 10.4,Vertebrate recovered by Magen Mello,1874,
- 10.5 Vertebrates from the Fulbeck locality.
- 10.6 Body part survival at the Steetley and Fulbeck localities.
- 10.7,Hyaena (*Crocota crocuta*) survival and body parts.
- 10.8 Hyaena (*Crocota crocuta*) bone attrition.
- 10.9,European Wolf (*Canis lupus*) survival
- 10.10 European Wolf,(*Canis lupus*), Body parts..
- 10.11 European Wolf (*Canis lupus*) bone attrition.
- 10.12.European Lion (*Panthera leo*),survival
- 10.13European Lion,(*Panthera leo*) body part survival.
- 10.14, European Lion (*Panthera leo*), bone attrition.
- 10.15 European Brown Bear (*Ursus arctos*) survival and body part.
- 10.16 European Brown Bear (*Ursus arctos*) bone attrition.
- 10.17, Red Fox (*Vulpes vulpes*),survival and body part.
- 10.18,Red Fox (*Vulpes vulpes*), bone attrition.
- 10.19,European Badger (*Meles meles*)survival and body part
- 10.20.European Badger (*Meles meles*) bone attrition..

1021. Mammoth (*Mammuthus primigenius*) survival and body part
- 10.22, Mammoth (*Mammuthus primigenius*) bone attrition.
1023. Woolly Rhinoceros (*Coleodonta antiquatatis*) survival and body part.
- 10.24, Woolly Rhinoceros (*Coleodonta antiquatatis*) bone attrition
- 10.25, Wild Pig (*Sus Scrofa*), survival.
- 10.26, Wild Pig, (*Sus scrofa*) body part
- 10.27, Wild Pig (*Sus scrofa*) bone attrition.
- 10.28, Horse (*Equus*) survival and body part.
- 10.29 Horse (*Equus*) bone attrition,
- 10.30, Reindeer (*Rangifer tarandus*) survival and body part.
- 10.31 Reindeer (*Rangifer tarandus*) bone attrition.
- 10.32, Giant Deer (*Megaloceros giganteus*) survival and body part,
- 10.33, Giant Deer (*Megaloceros giganteus*) bone attrition.
- 10.34, European Bison (*Bison sp*) survival and body part.
- 10.35, European Bison (*Bison sp*), bone attrition.
- 10.36, Stratigraphic distribution of Carnivores.
- 10.37, Small Carnivores, body part survival.
- 10.38, Stratigraphic distribution of Ungulates.
- 10.39, Ungulate MNI and live body weights.
- 10.40, Large ungulate frequency of body parts and lithics.
- 10.41 Distribution and frequency of vertebrate bone flakes.
- 10.42, Frequency and variation in bone fragmentation.

- 10.43. European Hares (*Lepus sp*) survival and body parts.
- 10.44, European Hares, (*Lepus sp*) bone attrition.
- 10.45. Stratigraphic distribution of Rodent species.
46. , Survival of body parts for Rodent Species and Genera.
- 10.47. Rodent remains , bone attrition.
- 10.48, Stratigraphic distribution of Lemming species.
- 10.49, Stratigraphic distribution of Insectivores (*Soridae , Talpidae and Chiroptera*)
- 10.50, Stratigraphic distribution of Geese and Ducks (*Anseriformes*).
- 10.51. Duck and Geese bone attrition (*Anseriformes*).
- 10.52, Stratigraphic distribution of *Anseriformes* shell.
- 10.53, Stratigraphic distribution of Grouse species (*Galliformes*)
- 10.54, Grouse species body part survival.
- 10.55, Grouse species bone attrition.
- 10.56 Stratigraphic distribution of Falcons and Eagles. (*Falconiformes*)
- 10.57, Stratigraphic distribution of Owls, (*Strigiformes*).
- 10.58, Stratigraphic distribution of Waders (*Charadriiformes*)
- 10.59, Stratigraphic distribution of Maritime Birds.
- 10.60, Stratigraphic distribution of Woodland Birds (*Passeriformes*).
- 10.61, Amphibians, survival and reduction.
- 10.62, Stratigraphic distribution of Fish (*Pisces*)
- 10.63. Fish survival, body parts.
- !0.64. Summay of Species Migration behaviour.

10.65,Species migration behaviour.

!0.66,Relationships, Man ,Wolf and Reindeer.

10.67,Stratigraphic distribution of Avian Species.

10.68,Association between human groups and cut vertebrate bone.