|  |  |  |
| --- | --- | --- |
| Taxon |  | NR |
| *Marmota marmota* | 6 |
| *Vulpes/Alopex*  | 6 |
| *Equus caballus* | 214 |
| *Equus hydruntinus* | 2 |
| *Equus sp.*  |  | 8 |
| *Rhinocerotidae*  | 1 |
| *Cervus elaphus*  | 1 |
| *Rangifer tarandus*  | 1936 |
| *Cervidae*  |  | 65 |
| *Bos/Bison*  | 155 |
| Medium size ungulate | 2293 |
| Large size ungulate | 1084 |
| Small carnivore indet. | 1 |
| NID | 3231 |
| Total  |  | 9007 |

Table 1 : faunal spectra established by Niven and colleagues (2012) on the Quina Layer of Chez-Pinaud.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 |
| Longitudinal cracks | 34,78% | 35,27% | 29,53% | 46,45% | 54,31% | 49,85% | 53,40% | 48,74% | 58,02% |
| Exfoliation | 39,13% | 49,76% | 39,90% | 59,02% | 73,86% | 65,01% | 60,36% | 57,92% | 65,74% |
| frost modifications | 8,21% | 4,83% | 5,70% | 4,92% | 3,81% | 3,79% | 18,31% | 15,05% | 13,99% |

Table 2 : details of the physical taphonomic modifications of the assemblages

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Bison** |  | **Horse** |  | **Reindeer** |  |
| NR | %NR | NR | %NR | NR | %NR |
| Longitudinal craks | 116 | 64.4% | 232 | 65.9% | 852 | 43.4% |
| Exfoliation | 112 | 62.2% | 201 | 57.1% | 1103 | 56% |
| frost modifications | 26 | 14.4% | 41 | 11.6% | 99 | 5.0% |

Table 3 : details of the physical taphonomic modifications on the three main taxa.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reindeer |  |  |  |  |
| element | QSP | MNE | MAU | %mau |
| Antler | 2 | 12 | 6 | 52% |
| Skull | 1 | 8 | 8 | 70% |
| Mandible | 2 | 21 | 10,5 | 91% |
| Atlas and Axis | 1 | 2 | 2 | 17% |
| Cervical | 5 | 4 | 0,8 | 7% |
| Thorax | 13 | 24 | 1,84615385 | 16% |
| Lumbar | 6 | 4 | 0,66666667 | 6% |
| Rib | 26 | 121 | 4,65384615 | 40% |
| Sternum | 6 | 4 | 0,66666667 | 6% |
| Scapula | 2 | 10 | 5 | 43% |
| Humerus | 2 | 12 | 6 | 52% |
| Radioulna | 2 | 23 | 11,5 | 100% |
| Metcarpal | 2 | 12 | 6 | 52% |
| Pelvis | 2 | 17 | 8,5 | 74% |
| Femur | 2 | 12 | 6 | 52% |
| Tibia | 2 | 23 | 11,5 | 100% |
| Metatarsal | 2 | 17 | 8,5 | 74% |
| Phalanges | 24 | 25 | 1,04166667 | 9% |
| Tarsal (without calcaneus) | 8 | 36 | 4,5 | 39% |
| calcaneus | 2 | 12 | 6 | 52% |
| carpal | 12 | 29 | 2,41666667 | 21% |

Table 4 : MNE, MAU and %MAU for the Reindeer elements.

|  |  |  |  |
| --- | --- | --- | --- |
| Horse |  |  |  |
|   | **MNE** | **MAU** | **%MAU** |
| Skull | **4** | **4** | **67%** |
| Mandible | **8** | **4** | **67%** |
| Atlas and Axis | **3** | **1,5** | **25%** |
| Cervical | **1** | **0,2** | **3%** |
| Thorax | **29** | **0,53703704** | **9%** |
| Lumbar | **2** | **0,33333333** | **6%** |
| Scapula | **4** | **2** | **33%** |
| Humerus | **10** | **5** | **83%** |
| Radioulna | **12** | **6** | **100%** |
| Metcarpal | **4** | **2** | **33%** |
| Pelvis | **4** | **2** | **33%** |
| Femur | **4** | **2** | **33%** |
| Tibia | **10** | **5** | **83%** |
| Metatarsal | **6** | **3** | **50%** |
| Phalanges | **8** | **2** | **33%** |
| Tarsal | **4** | 0,33333333 | 6% |
| Carpal | **1** | **0,07142857** | 1% |

Table 5 :MNE, MAU and %MAU for the horse elements.