|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sample** | **Context** | **Provenience** | ***Pinus sy/mu*** | ***Pinus* sp.** | **conifer in.le** | **in.le** |
| PIOV12sezNus7\_1b | 7 | North Section | . | 1 | . | . |
| PIOV12sezNus7\_1c | 7 | North Section | 1 | . | . | . |
| PIOV12sezNus7\_2 | 7 | North Section | 1 | . | . | . |
| PIOV12sezNus7\_3 | 7 | North Section | . | 1 | . | . |
| PIOV12sezNus7\_4 | 7 | North Section | . | . | 1 | . |
| PIOV12sezNus7\_5 | 7 | North Section | . | . | . | 1 |
| PIOV12sezNus7\_6 | 7 | North Section | . | 1 | . | . |
| PIOV12us7\_1a | 7 | 2012 survey | 1 | . | . | . |
| PIOV12us7\_1b | 7 | 2013 survey | 1 | . | . | . |
| PIOV12us7\_1c | 7 | 2014 survey | . | 6 | 1 | . |
| PIOV12us7\_1d | 7 | 2015 survey | . | 1 | . | . |
| PIOV12us7\_2a | 7 | 2016 survey | . | 1 | . | . |
| PIOV12us7\_2b | 7 | 2017 survey | 1 | . | . | . |
| PIOV12us7\_2c | 7 | 2018 survey | 1 | . | 1 | . |
| PIOV12us7\_2d | 7 | 2019 survey | 1 | . | . | . |
| PIOV12us7\_2e | 7 | 2020 survey | 1 | 1 | . | . |
| PIOV12us7\_2f | 7 | 2021 survey | . | 1 | . | . |
| PIOV12us7\_2g | 7 | 2022 survey | . | 1 | . | . |
| PIOV13us7D2 | 7 | D2 | . | . | . | 1 |
| PIOV13us7E3 | 7 | E3 | 3 | 2 | . | 3 |
| PIOV13us7F2 | 7 | F2 | 2 | 3 | . | . |
| PIOV13us7F5 | 7 | F5 | 1 | 1 | 1 | . |
| PIOV13us7siE3 | 7 - S.I | E3 | 5 | 1 | . | 3 |
| PIOV13us7siE3\_a124 | 7 - S.I | E3 | . | . | 1 | . |
| PIOV13us7siE3\_p178 | 7 - S.I | E3 | . | 1 | . | . |
| PIOV13us7siE3\_p215 | 7 - S.I | E3 | . | 1 | . | . |
| PIOV13us7siE3\_p242 | 7 - S.I | E3 | . | . | . | 1 |
| PIOV13us7siE3\_p261 | 7 - S.I | E3 | 1 | 1 | 1 | . |
|  |  | **Total** | **20** | **24** | **6** | **9** |

TABLE S1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample Reference** | **Colour** | **Cortex** | **Texture** | **Features** |
| PV08, GR10 – 510 | 10YR 3/2 very dark graysch brown | 10YR 7/2 light brown | bioclastic wackestone | Well silified fine texture wackestone with algae (Carophyta), gastropods and ostracods belonging to freshwater environment. Algae structures (axis, branches) well preserved, pluricentimetric sized. Fine bioclastic detritus sparse in the fine textured sediment together with yellow to brown limonite/ematite grains Cryptocrystalline chert matrix. |
| PV08, GR10 – 509 | 10YR 3/2 very dark graysch brown | 10YR 7/2 light brown | bioclastic wackestone | This artefact was made from a cher layer embedded in a white stratified limestone. The well preserved and quite unmodified cortex (limestone) surfaces denote that the layer was gathered close to the outcrops. The chert is the same than previous described sample. |

TABLE S1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technological classes** | **US 7** | **Surface collection** | **TOT** | **%** |
| **Core**  Prismatic  Flake/Burin-core  Prepared core | **2** | **10** | **12** | **1.6** |
| 1 | 3 | 4 |  |
| 1 | 4 | 5 |  |
| - | 3 | 3 |  |
| **Flake**  Entame  Cortex <50%  Cortex >50%  Manteinance  Core-tablet | **104** | **231** | **335** | **43.7** |
| 5 | 14 | 19 |  |
| 11 | 15 | 26 |  |
| 34 | 57 | 91 |  |
| 47 | 121 | 168 |  |
| 7 | 24 | 31 |  |
| **Laminar by-product**  Burin spall  Crest – Side crest  Core-edge removal blade  Aborted laminar blank | **39** | **77** | **116** | **15.1** |
| 13 | 18 | 31 |  |
| 8 | 12 | 20 |  |
| 13 | 39 | 52 |  |
| 5 | 8 | 13 |  |
| **Laminar blank**  Blade (width > 9 mm)  Bladelet (width ≤ 8 mm) | **39** | **136** | **175** | **22.8** |
| 17 | 84 | 101 |  |
| 22 | 52 | 74 |  |
| **Other**  Indeterminate  Scale  Kombewa-type flake  Retouch flake | **65** | **64** | **129** | **16.8** |
| 59 | 55 | 114 |  |
| 6 | 5 | 11 |  |
|  | 2 | 2 |  |
|  | 2 | 2 |  |
| **Total** | **249** | **518** | **767** | **100.0** |

TABLE S2

|  |  |  |
| --- | --- | --- |
| **Retouched artefacts** | | |
| **Common tools** | **Surface collection** | **Layer 7** |
| Burin - bladelet core | 3 | 1 |
| Simple burin | 3 |  |
| Endscraper | 1 |  |
| Sidescraper | 1 | 1 |
| Retouched flake | 1 |  |
| Retouched blade | 3 | 1 |
| Splintered piece | 2 |  |
| **Backed implements** |  |  |
| Backed point |  | 1 |
| Marginal backed point | 2 |  |
| Backed point unfinished |  | 1 |
| Frg. backed bladelet | 1 | 2 |
| **Total** | **17** | **7** |

TABLE S3