**SUPPLEMENTARY**

**MATERIAL**

**Wounded animals and where to find them. The symbolism of hunting in Palaeolithic art**

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| Altxerri | Al3 | Recent magdalenian | Ruiz-Redondo, 2014 |
| Altxerri | Al4 | Recent magdalenian | Ruiz-Redondo, 2014 |
| Altxerri | Al5 | Recent magdalenian | Ruiz-Redondo, 2014 |
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| Atxurra | At2 | Recent magdalenian | Personal observation |
| Atxurra | At3 | Recent magdalenian | Personal observation |
| Atxurra | At4 | Recent magdalenian | Personal observation |
| Atxurra | At5 | Recent magdalenian | Personal observation |
| Atxurra | At6 | Recent magdalenian | Personal observation |
| Atxurra | At7 | Recent magdalenian | Personal observation |
| Atxurra | At8 | Recent magdalenian | Personal observation |
| Atxurra | At9 | Recent magdalenian | Personal observation |
| Atxurra | At10 | Recent magdalenian | Personal observation |
| Atxurra | At11 | Recent magdalenian | Personal observation |
| Atxurra | At12 | Recent magdalenian | Personal observation |
| Atxurra | At13 | Recent magdalenian | Personal observation |
| Atxurra | At14 | Recent magdalenian | Personal observation |
| Atxurra | At15 | Recent magdalenian | Personal observation |
| Atxurra | At16 | Recent magdalenian | Personal observation |
| Atxurra | At17 | Recent magdalenian | Personal observation |
| Atxurra | At18 | Recent magdalenian | Personal observation |
| Bara-Bahau | Bb1 | Pre-magdalenian | Delluc and Delluc, 1997 |
| Bédeilhac | Be1 | Recent magdalenian | Gailli et al., 1984 |
| Bédeilhac | Be2 | Recent magdalenian | Sauvet, 2007 |
| Bédeilhac | BH1 | Recent magdalenian | Personal observation |
| Bernifal | Bf1 | Recent magdalenian | Breuil, 1952 |
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| Chauvet | Ch8 | Pre-magdalenian | Clottes, 2001 |
| Chauvet | Ch9 | Pre-magdalenian | Clottes, 2001 |
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| Cosquer | Co3 | Pre-magdalenian | Clottes and Courtin, 1994 |
| Cosquer | Co4 | Pre-magdalenian | Clottes et al., 2005 |
| Cosquer | Co5 | Pre-magdalenian | Clottes et al., 2005 |
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| Cosquer | Co7 | Pre-magdalenian | Clottes et al., 2005 |
| Cosquer | Co8 | Pre-magdalenian | Clottes et al., 2005 |
| Cosquer | Co9 | Pre-magdalenian | Clottes et al., 2005 |
| Cosquer | C10 | Pre-magdalenian | Clottes et al., 2005 |
| Cougnac | Cg1 | Pre-magdalenian | Lorblanchet, 2010 |
| Ebbou | Eb1 | Pre-magdalenian | Chabredier, 1975 |
| Ebbou | Eb2 | Pre-magdalenian | Chabredier, 1975 |
| Ebbou | Eb3 | Pre-magdalenian | Chabredier, 1975 |
| Ebbou | Eb4 | Pre-magdalenian | Chabredier, 1975 |
| Ebbou | Eb5 | Pre-magdalenian | Chabredier, 1975 |
| Ebbou | Eb6 | Pre-magdalenian | Chabredier, 1975 |
| Ekain | Ek1 | Recent magdalenian | Altuna, 1997 |
| Ekain | Ek2 | Recent magdalenian | Altuna, 1997 |
| Ekain | Ek3 | Recent magdalenian | Altuna, 1997 |
| El Buxu | Bu1 | Pre-magdalenian | Obermaier and Vega del Sella, 1918 |
| El Buxu | Bu2 | Pre-magdalenian | Obermaier and Vega del Sella, 1918 |
| El Castillo | Ca1 | Pre-magdalenian | Alcalde del Río et al., 1911 |
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| El Castillo | Ca3 | Pre-magdalenian | Alcalde del Río et al., 1911 |
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| El Niño | NI1 | Premagdalenian | Garate and García Moreno, 2011 |
| El Niño | NI2 | Pre-magdalenian | Garate and García Moreno, 2011 |
| El Rincón | Ri1 | Pre-magdalenian | González Sainz, 2007 |
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| El Salitre | St1 | Pre-magdalenian | González Sainz et al., 2009 |
| Font-de-Gaume | FG1 | Recent magdalenian | Capitan et al., 1910 |
| Font-de-Gaume | FG2 | Recent magdalenian | Capitan et al., 1910 |
| Fontanet | Fo1 | Recent magdalenian | Vialou, 1986 |
| Fontanet | Fo2 | Recent magdalenian | Vialou, 1986 |
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| Gabillou | Ga4 | Pre-magdalenian | Gaussen, 1964 |
| Gabillou | Ga5 | Pre-magdalenian | Gaussen, 1964 |
| Gabillou | Ga6 | Pre-magdalenian | Gaussen, 1964 |
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| Gazel | Gz1 | Premagdalenian | Sacchi et al., 2004 |
| Hornos de la Peña | HP1 | Pre-magdalenian | Personal observation |
| Isturitz | Is1 | Recent magdalenian | Garate et al., 2016 |
| La Mouthe | Mh1 | Recent magdalenian | Personal observation |
| La Mouthe | Mh2 | Recent magdalenian | Personal observation |
| La Mouthe | Mh3 | Recent magdalenian | Personal observation |
| La Mouthe | Mh4 | Recent magdalenian | Personal observation |
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| Lascaux | L44 | Pre-magdalenian | Leroi-Gourhan and Allain, 1979 |
| Lascaux | L45 | Pre-magdalenian | Leroi-Gourhan and Allain, 1979 |
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| Les Combarelles | Cb2 | Recent magdalenian | Capitan et al., 1924 |
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| Les Fieux | Fx2 | Pre-magdalenian | Lorblanchet, 2010 |
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| Les Trois-Frères | TF2 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | TF3 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | TF5 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | TF6 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | TF7 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | TF8 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | TF9 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T10 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T11 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T12 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T13 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T16 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T17 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T20 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T25 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T26 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T27 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T33 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T34 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T35 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T36 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T38 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T40 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T44 | Recent magdalenian | Bégouën and Breuil, 1958 |
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| Les Trois-Frères | T48 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T49 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T50 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T51 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T52 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T53 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Les Trois-Frères | T54 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Llonín | Ll1 | Recent magdalenian | Fortea et al., 2004 |
| Llonín | Ll2 | Recent magdalenian | Fortea et al., 2004 |
| Llonín | Ll3 | Recent magdalenian | Fortea et al., 2004 |
| Los Casares | Cs1 | Recent magdalenian | Cabré Aguiló, 1934 |
| Mayenne-Science | MS1 | Premagdalenian | Pigeaud, 2004 |
| Micolón | Mi1 | Pre-magdalenian | García Guinea and Puente, 1982 |
| Montespan | Mo1 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo2 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo3 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo4 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo5 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo6 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Montespan | Mo7 | Recent magdalenian | Trombe and Dubuc, 1947 |
| Nerja | Nj1 | Pre-magdalenian | Sanchidrián, 1994 |
| Niaux | N1 | Recent magdalenian | Clottes, 2010 |
| Niaux | N2 | Recent magdalenian | Clottes, 2010 |
| Niaux | N3 | Recent magdalenian | Clottes, 2010 |
| Niaux | N4 | Recent magdalenian | Clottes, 2010 |
| Niaux | N5 | Recent magdalenian | Clottes, 2010 |
| Niaux | N6 | Recent magdalenian | Clottes, 2010 |
| Niaux | N7 | Recent magdalenian | Clottes, 2010 |
| Niaux | N8 | Recent magdalenian | Clottes, 2010 |
| Niaux | N9 | Recent magdalenian | Clottes, 2010 |
| Niaux | N10 | Recent magdalenian | Clottes, 2010 |
| Niaux | N11 | Recent magdalenian | Clottes, 2010 |
| Niaux | N12 | Recent magdalenian | Clottes, 2010 |
| Niaux | N13 | Recent magdalenian | Clottes, 2010 |
| Niaux | N14 | Recent magdalenian | Clottes, 2010 |
| Niaux | N15 | Recent magdalenian | Clottes, 2010 |
| Niaux | N16 | Recent magdalenian | Clottes, 2010 |
| Niaux | N17 | Recent magdalenian | Clottes, 2010 |
| Niaux | N18 | Recent magdalenian | Clottes, 2010 |
| Niaux | N19 | Recent magdalenian | Clottes, 2010 |
| Niaux | N20 | Recent magdalenian | Clottes, 2010 |
| Niaux | N21 | Recent magdalenian | Clottes, 2010 |
| Niaux | N22 | Recent magdalenian | Clottes, 2010 |
| Niaux | N23 | Recent magdalenian | Clottes, 2010 |
| Oxocelhaya | Ox1 | Recent magdalenian | Personal observation |
| Pech Merle | Pm1 | Pre-magdalenian | Lorblanchet, 2010 |
| Pech Merle | Pm2 | Pre-magdalenian | Lorblanchet, 2010 |
| Pech Merle | Pm3 | Pre-magdalenian | Lorblanchet, 2010 |
| Pech Merle | Pm4 | Pre-magdalenian | Lorblanchet, 2010 |
| Pech Merle | Pm5 | Pre-magdalenian | Lorblanchet, 2010 |
| Pergouset | Pg1 | Recent magdalenian | Lorblanchet, 2001 |
| Pergouset | Pg1 | Recent magdalenian | Lorblanchet, 2001 |
| Pestillac | Pc1 | Recent magdalenian | Sentis, 2003 |
| Pestillac | Pc2 | Recent magdalenian | Sentis, 2003 |
| Pindal | Pi1 | Recent magdalenian | Jordá and Berenguer, 1954 |
| Pindal | Pi2 | Recent magdalenian | Jordá and Berenguer, 1954 |
| Pindal | Pi3 | Recent magdalenian | Jordá and Berenguer, 1954 |
| Pindal | Pi4 | Recent magdalenian | Jordá and Berenguer, 1954 |
| Roucadour | Rc1 | Pre-magdalenian | Man-Estier, 2009 |
| Rouffignac | Rf1 | Recent magdalenian | Barrière, 1982 |
| Rouffignac | Rf2 | Recent magdalenian | Barrière, 1982 |
| Santo Adriano | SA1 | Pre-magdalenian | Fortea 2005/2006 |
| Siega Verde | SV1 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Siega Verde | SV2 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Siega Verde | SV3 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Siega Verde | SV4 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Siega Verde | SV5 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Siega Verde | SV6 | Pre-magdalenian | Alcolea and Balbín, 2006 |
| Sotarraña | SO1 | Recent magdalenian | González Sainz, 2010 |
| St Cirq | Cq1 | Pre-magdalenian | Delluc and Delluc, 1987 |

**Table S1.** Corpus of parietal wounded animals analysed.

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| **Site** | **Code** | **Chronology** | **Bibliography** |
| La Colombière | Cl3 | Recent magdalenian | Paillet and Man-Estier, 2010 |
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| La Colombière | Cl5 | Recent magdalenian | Paillet and Man-Estier, 2010 |
| La Colombière | Cl6 | Recent magdalenian | Paillet and Man-Estier, 2010 |
| La Colombière | Cl7 | Recent magdalenian | Paillet and Man-Estier, 2010 |
| La Colombière | Cl8 | Recent magdalenian | Paillet and Man-Estier, 2010 |
| Les Eyzies | Ey1 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L1 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L2 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L3 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L4 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L5 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L6 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L7 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L8 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L9 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L10 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L11 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L12 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L13 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L14 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L15 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L16 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L17 | Recent magdalenian | Tosello, 2003 |
| Limeuil | L18 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M1 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M2 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M3 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M4 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M5 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M6 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M7 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M8 | Recent magdalenian | Tosello, 2003 |
| La Madeleine | M9 | Recent magdalenian | Tosello, 2003 |
| La Vache | Va1 | Recent magdalenian | Clottes and Delporte, 2003 |
| La Vache | Va2 | Recent magdalenian | Clottes and Delporte, 2003 |
| La Vache | Va3 | Recent magdalenian | Clottes and Delporte, 2003 |
| La Vache | Va4 | Recent magdalenian | Clottes and Delporte, 2003 |
| La Vache | Va5 | Recent magdalenian | Clottes and Delporte, 2003 |
| Las Caldas | Cl1 | Recent magdalenian | Rivero, 2010 |
| Las Caldas | Cl2 | Recent magdalenian | Inédita |
| Las Caldas | Cl3 | Recent magdalenian | Rivero, 2010 |
| La Garma | G1 | Recent magdalenian | Rivero, 2010 |
| Isturitz | Is1 | Recent magdalenian | Rivero, 2010 |
| Isturitz | Is2 | Recent magdalenian | Rivero, 2010 |
| Isturitz | Is3 | Recent magdalenian | Rivero, 2010 |
| Isturitz | Is4 | Recent magdalenian | Personal observation |
| Isturitz | Is5 | Recent magdalenian | Saint-Périer, 1930 |
| Isturitz | Is6 | Recent magdalenian | Saint-Périer, 1930 |
| Isturitz | Is7 | Recent magdalenian | Saint-Périer, 1930 |
| Isturitz | Is8 | Recent magdalenian | Saint-Périer, 1930 |
| Labastide | La1 | Recent magdalenian | Omnès, 1982 |
| Mas d'Azil | Ms1 | Recent magdalenian | Chollot 1964 |
| Mas d'Azil | Ms2 | Recent magdalenian | Chollot 1964 |
| Mas d'Azil | Ms3 | Recent magdalenian | Chollot 1964 |
| Mas d'Azil | Ms4 | Recent magdalenian | Personal observation |
| Laugerie-Basse | LB1 | Recent magdalenian | Paillet, 1999 |
| La Garenne | Gn1 | Recent magdalenian | Cartailhac and Breuil, 1906 |
| Étiolles | Et1 | Recent magdalenian | Fritz and Tosello, 2011 |
| Enlène | E1 | Recent magdalenian | Bégouën and Breuil, 1958 |
| Laugerie-Basse | LB2 | Recent magdalenian | Capitan et al., 1910 |
| Bruniquel | Bq1 | Recent magdalenian | Capitan et al., 1910 |
| Torre | To1 | Recent magdalenian | Corchón, 1986 |
| Le Portel | Po1 | Recent magdalenian | Delluc and Delluc, 1989 |

**Table S2.** Corpus of portable wounded animals analysed.

|  |  |
| --- | --- |
| **Variable** | **Code** |
| **Iconographic theme** |  |
| Bison | Bs |
| Auroch | Aur |
| Horse | Hor |
| Bear | Bea |
| Lion | Lio |
| Ibex | Ibx |
| Mammoth | Mm |
| Reindeer | Re |
| Megaloceros | Meg |
| Stag | Stg |
| Hind | Hin |
| Rhino | Rhi |
| Anthropomorphous/Human | Ant |
| Indeterminate | Ind |
| **Figure technique** |  |
| Painted | Pai |
| Engraved | Eng |
| Modeled/Digital trace in clay | Mod |
| Painted and engraved | Pye |
| **Typology of signs** |  |
| Compound | Cp |
| Non-compound | Ncp |
| Line | Ln |
| No line | Nln |
| Angle | Ag |
| No angle | Nag |
| Circle | Cr |
| No circle | Ncr |
| **Technique of the associated signs** |  |
| Same as the figure | Sam |
| Different as the figure | Mxt |
| **Animation** |  |
| Closed eye | Eye |
| No Closed eye | Ney |
| Animated legs | Leg |
| No animated legs | Nlg |
| Blood | Blo |
| Without blood | Nbl |
| Animated head | Hed |
| No animated head | Nhd |
| Open mouth | Mth |
| No open mouth | Nmt |
| Animated tail | Til |
| No animated tail | Ntl |
| Other types of animations | Oth |
| No other animations | Not |
| **Geography and chronology** |  |
| Pre-Magdalenian and Lower Magdalenian | PM |
| Middle and Upper Magdalenian | MUM |
| Cantabrian region | CR |
| Pyrennes | PIR |
| Aquitaine | AQ |
| Rhône | RHO |
| Quercy | QUE |
| Central-south Iberian Peninsula | PIB |
| Northern france | NOR |

**Table S3.** Criteria studied for depictions of wounded animals.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Site** | **Cantabrian region** | **Pyrenees** | **Aquitaine** | **Central-south I. P.** | **Quercy** | **Rhône** | **North** |
|  |  |  |  |  |  |  |  |
| Bison | 21 | 72 | 9 | 0 | 2 | 2 | 0 |
| Auroch | 1 | 2 | 4 | 3 | 1 | 4 | 0 |
| Horse | 10 | 17 | 32 | 4 | 4 | 7 | 1 |
| Bear | 0 | 4 | 0 | 0 | 1 | 0 | 0 |
| Lion | 0 | 2 | 4 | 0 | 0 | 1 | 0 |
| Goat | 8 | 7 | 0 | 2 | 2 | 4 | 0 |
| Mammoth | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| Reindeer | 1 | 7 | 6 | 0 | 0 | 0 | 0 |
| Megaloceros | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stag | 10 | 1 | 11 | 1 | 0 | 0 | 0 |
| Hind | 4 | 0 | 1 | 0 | 0 | 1 | 0 |
| Rhino | 0 | 0 | 2 | 0 | 0 | 5 | 0 |
| Human | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| Indeterminate | 4 | 1 | 2 | 0 | 0 | 1 | 0 |
|  |  |  |  |  |  |  |  |

**Table S4.** Number of figurative motifs in rock art.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site** | **Bison** | **Auroch** | **Horse** | **Bear** | **Lion** | **Goat** | **Mammoth** | **Reindeer** | **Megaloceros** | **Stag** | **Hind** | **Rhino** | **Human** | **Indeterminate** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aitzbitarte | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alkerdi | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Altamira | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Altxerri | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Arenaza | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Armintxe | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atxurra | 8 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Bara-Bahau | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bedeilhac | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bernifal | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buxu (El) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Candamo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 |
| Casares (Los) | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Castillo (El) | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chauvet | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| Colombier (Le) | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Combarelles (Les) | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cosquer | 1 | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Cougnac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ebbou | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ekain | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fieux (Les) | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Font de Gaume | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fontanet | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabillou | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Gargas | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gazel | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hornos de la Peña | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Isturitz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Labastide | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lascaux | 5 | 2 | 27 | 0 | 4 | 0 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 1 |
| Llonín | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mas d'azil | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mayenne | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Micolón | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Montespan | 4 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mouthe (La) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nerja | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Niaux | 13 | 2 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Niño (El) | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxocelhaya | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pasiega (La) | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Pech-Merle | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Pergouset | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pestillac | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pindal (El) | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portel (Le) | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rincón (El) | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Roucadour | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rouffignac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Salitre (El) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Siega Verde | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sotarraña | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Saint Cirq | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Santo Adriano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Trois-Frères (Les) | 36 | 0 | 6 | 3 | 1 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuc d’Audoubert | 8 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Table S5.** Number of figurative motifs in rock art in each archaeological site.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site** | **Compound** | **Line** | **Circular** | **Angle** |
| Aitzbitarte |  | |  | | --- | |  | |  |  |
| Alkerdi |  |  |  |  |
| Altamira |  |  |  |  |
| Altxerri |  |  |  |  |
| Arenaza |  |  |  |  |
| Armintxe |  |  |  |  |
| Atxurra |  |  |  |  |
| Bara-Bahau |  |  |  |  |
| Bedeilhac |  |  |  |  |
| Bernifal |  |  |  |  |
| Buxu |  |  |  |  |
| Candamo |  |  |  |  |
| Casares |  |  |  |  |
| Castillo |  |  |  |  |
| Chauvet |  |  |  |  |
| Colombier |  |  |  |  |
| Combarelles |  |  |  |  |
| Cosquer |  |  |  |  |
| Cougnac |  |  |  |  |
| Ebbou |  |  |  |  |
| Ekain |  |  |  |  |
| Fieux |  |  |  |  |
| Font de Gaume |  |  |  |  |
| Fontanet |  |  |  |  |
| Gabillou |  |  |  |  |
| Gargas |  |  |  |  |
| Gazel |  |  |  |  |
| Hornos de la Peña |  |  |  |  |
| Isturitz |  |  |  |  |
| Labastide |  |  |  |  |
| Lascaux |  |  |  |  |
| Llonín |  |  |  |  |
| Mas d'azil |  |  |  |  |
| Mayenne |  |  |  |  |
| Micolón |  |  |  |  |
| Montespan |  |  |  |  |
| Mouthe |  |  |  |  |
| Nerja |  |  |  |  |
| Niaux |  |  |  |  |
| Niño |  |  |  |  |
| Oxocelhaya |  |  |  |  |
| Pasiega |  |  |  |  |
| Pech-Merle |  |  |  |  |
| Pergouset |  |  |  |  |
| Pestillac |  |  |  |  |
| Pindal |  |  |  |  |
| Portel |  |  |  |  |
| Rincón |  |  |  |  |
| Roucadour |  |  |  |  |
| Rouffignac |  |  |  |  |
| Salitre |  |  |  |  |
| Siega Verde |  |  |  |  |
| Sotarraña |  |  |  |  |
| St Cirq |  |  |  |  |
| Sto Adriano |  |  |  |  |
| Trois-Frères |  |  |  |  |
| Tuc |  |  |  |  |

**Table S6.** Type of sign associated with a figurative motif in rock art for each archaeological site.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Cantabrian region** | **Pyrenees** | **Aquitaine** | **Rhône** | **North** |
|  |  |  |  |  |  |
| Bison | 2 | 10 | 6 | 1 | 0 |
| Auroch | 1 | 0 | 1 | 0 | 0 |
| Horse | 1 | 3 | 3 | 2 | 1 |
| Bear | 0 | 1 | 2 | 1 | 0 |
| Lion | 0 | 1 | 0 | 1 | 0 |
| Reindeer | 0 | 2 | 18 | 0 | 0 |
| Stag | 1 | 2 | 1 | 0 | 0 |
| Rhino | 0 | 0 | 0 | 1 | 0 |
| Human | 0 | 1 | 0 | 0 | 0 |
| Indeterminate | 0 | 0 | 1 | 0 | 0 |
|  |  |  |  |  |  |

**Table S7.** Number of figurative motifs in portable art.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Bison** | **Auroch** | **Horse** | **Bear** | **Lion** | **Reindeer** | **Stag** | **Rhino** | **Human** | **Indeterminate** |
|  |  |  |  |  |  |  |  |  |  |  |
| La Colombière | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| Les Eyzies | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Limeuil | 0 | 1 | 1 | 1 | 0 | 14 | 0 | 0 | 0 | 1 |
| La Madeleine | 3 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| La Vache | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| Las Caldas | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| La Garma | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Isturitz | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Labastide | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mas d'Azil | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Laugerie-Basse | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| La Garenne | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Etiolles | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enlène | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bruniquel | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Torre | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Le Portel | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |

**Table S8.** Number of figurative motifs in portable art in each archaeological site.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site** | | **Compound** | | **Line** | | **Circular** | | **Angle** | |
| Bruniquel |  | |  | |  | |  | |
| Caldas (Las) |  | |  | |  | |  | |
| Colombière (La) |  | |  | |  | |  | |
| Enlène |  | |  | |  | |  | |
| Etiolles (Les) |  | |  | |  | |  | |
| Eyzies (Les) |  | |  | |  | |  | |
| Garenne (La) |  | |  | |  | |  | |
| Garma (La) |  | |  | |  | |  | |
| Isturitz |  | |  | |  | |  | |
| Labastide |  | |  | |  | |  | |
| Laugerie-Basse |  | |  | |  | |  | |
| Limeuil |  | |  | |  | |  | |
| Madeleine (La) |  | |  | |  | |  | |
| Mas d'Azil |  | |  | |  | |  | |
| Portel (Le) |  | |  | |  | |  | |
| Torre |  | |  | |  | |  | |
| Vache (La) |  | |  | |  | |  | |
|  |  | |  | |  | |  | |

**Table S9.** Type of sign associated with a figurative motif in rock art for each archaeological site.

Un conjunto de letras negras en un fondo blanco

Descripción generada automáticamente con confianza baja

**Fig. S1.** Depiction of a horse from Oxocelhaya cave (photos and tracing: O. Rivero).

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