**Supp. file 2.** Measurements in mm of postcranial specimens of *Ronzotherium* Aymard, 1854.

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| **Species** | **Locality** | **Specimen n°/Source** | **Anatomy** | **L** | **TDprox** | **APDprox** | **TDdia** | **APDdia** | **TDdist** | **APDdist** |
| *R. velaunum* | Ronzon | MC-2004-6-262-RON | Humerus |  |  |  | (49) | (41) | 95.9 | 67.4 |
| *R. filholi* | Villebramar | Brunet 1979 | Humerus | 374-417 |  |  | (38)-62 |  | (84)-127 |  |
| *R. heissigi* | Bumbach | NMB-UM-132 | Humerus |  |  |  | 46.5 | 62.9 | 110.7 | 99.2 |
| *R. heissigi* | Bumbach | NMB-UM-129a | Humerus |  |  |  | 55 |  | 121.3 | 82 |
| *R. romani* | « Marseille » | FSL-9523 | Humerus |  |  |  | <66 | 65.6 | 150.5 |  |
| *R. romani* | Rickenbach | NMB UM973 | Humerus | 404 |  |  | 58 |  | 128 |  |
| *R. sp.* | Espenhain | BSPG-2008-I-44 | Radius | 295 | 67.1 | 50.5 | 41.6 | 31.3 | 80.3 | 53.4 |
| *R. filholi* | Villebramar | Brunet 1979 | Radius | 375-413 | 70-89 | (42)-50 |  |  | 75-86 | 55 |
| *R. heissigi* | Bumbach | NMB-UM127a | Radius | 323 | 81 | 43 | 41 | 27 | 87 | (47) |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | Radius |  | 96.5 | 46 |  |  |  |  |
| *R. romani* | « Marseille » | FSL 520279+520280 | Radius | 382 | 105 | 65 | 55.5 | 36.5 | 112 | 55 |
| *R. romani* | Gaimersheim | BSPG collection | Radius | 363 | 97 | 61 | 50 | 38.5 | 104.5 | 63 |
| *R. filholi* | Möhren 7 | BSPG-1969-XXIV | Ulna |  |  |  |  |  | 41.2 | 33.4 |
| *R. filholi* | Villebramar | Brunet 1979 | Ulna | 345-352 | 37-41 |  |  |  |  |  |
| *R. heissigi* | Bumbach | NMB-UM-131b | Ulna |  |  |  | 35.5 | 29.6 | 50.6 | 40 |
| *R. velaunum* | Ronzon | MC-2004-6-266-RON | Femur |  |  |  |  |  | 104 | 110.2 |
| *R. velaunum* | Ronzon | MC-2004-6-267-RON | Femur |  |  |  |  |  | 94.6 | 112.6 |
| *R. filholi* | Villebramar | Brunet 1979 | Femur | 440-470 | 155-174 |  | 47-55 | 50-50 | 117-127 | 119-139 |
| *R. romani* | Poillat | MJSN-POI-007-80 | Femur | 515 | (185) | (105) |  |  |  | (128) |
| *R. romani* | « Marseille » | NMB-Mar828 | Femur |  |  |  |  |  | 118.5 | 124 |
| *R. velaunum* | Ronzon | MC-2004-6-260-RON | Tibia |  | 87.7 | 64.6 |  |  |  |  |
| *R. velaunum* | Ronzon | MC-2004-6-261-RON | Tibia |  | 92.5 | 65.9 |  |  |  |  |
| *R. filholi* | Villebramar | Brunet 1979 | Tibia | 363-398 | 100-121 | (87)-110 |  |  | 79-92 | 57-67 |
| *R. romani* | Gaimersheim | BSPG collection | Tibia | (340) |  |  |  |  |  |  |

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| **Species** | **Locality** | **Specimen n°/Source** | **Anatomy** | **L** | **W** | **H** |
| *R. velaunum* | Ronzon | MNHN.RZN.503 | Scaphoid | 72.3 | 43.5 | 54.5 |
| *R.* cf*. velaunum* | Haag 2 | BSPG-1975-XXIII | Scaphoid | >>70 | 50.7 | 61.4 |
| *R. filholi* | Villebramar | Brunet 1979 | Scaphoid | 69 | (35)-49 | 45-53 |
| ?*R. filholi* | Quercy | NMB-QV-275 | Scaphoid | 90 | 64.3 | 59.2 |
| *R. romani* | « Marseille » | FSL-520285 | Scaphoid | 90 | 67.9 | 56 |
| *R. romani* | Gaimersheim | BSPG collection | Scaphoid |  |  | 59.8 |
| *R. romani* | Gaimersheim | BSPG collection | Scaphoid | 85.5 | 62.8 | 61.3 |
| *R. romani* | Rickenbach | NMO-I5-62 | Scaphoid | 82.7 | 49 | 56 |
| *R. velaunum* | Ronzon | PUY.2004.6.1901.RON | Lunate | 57 | >48 |  |
| *R. filholi* | Villebramar | Brunet 1979 | Lunate | 57-59 | 38-39 | 48-49 |
| ?*R. filholi* | Quercy | NMB-QE-440 | Lunate | >54.5 | 44.2 | 50.1 |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | Lunate | 63 | 40 | 53.5 |
| *R. heissigi* | Bumbach | NMBE-5035833 | Lunate | 66 | 47.7 | 51 |
| *R. romani* | Rickenbach | NMB-Ri-21 | Lunate | 59.2 | >39 | 48 |
| *R. romani* | Rickenbach | NMO-I7/115 | Lunate | 63 | 41 | 45.4 |
| *R. velaunum* | Ronzon | MNHN.RZN.504 | Pyramidal | 53.3 | 37.7 | 49.8 |
| *R. velaunum* | Ronzon | MNHN.RZN.502 | Pyramidal | 47.6 | 36 | 52 |
| *R. filholi* | Villebramar | Brunet 1979 | Pyramidal | 52 | 34 | 50 |
| ?*R. filholi* | Quercy | NMB-QE-443 | Pyramidal | 49.8 | 40.7 | 58.1 |
| *R. romani* | Rickenbach | NMO-I11/82 | Pyramidal | 43.3 | 36.4 | 51.5 |
| *R. filholi* | Villebramar | Brunet 1979 | Trapezoid | 33 | 28 | 31 |
| *R. romani* | « Marseille » | FSL-9501 | Trapezoid | 50 | 40.9 | 35 |
| *R. romani* | « Marseille » | FSL-520283 | Trapezoid | 47 | 35 | 29 |
| *R. heissigi* | Bumbach | NMB-UM-6136b | Trapezoid | 36.7 | 40.8 | 33.4 |
| *R. heissigi* | Bumbach | NMB-UM-6 | Trapezoid | 43 | 33.3 | 27.1 |
| *R. velaunum* | Ronzon | PUY.2004.6.263.RON | Magnum | 74.7 | 36.6 | 56.1 |
| *R. velaunum* | Ronzon | PUY.2004.6.907.RON | Magnum | 72.2 |  | 53.2 |
| *R. filholi* | Villebramar | Brunet 1979 | Magnum | 89 | 33 |  |
| ?*R. filholi* | Quercy | NMB-QE-472 | Magnum | 72.3 | 39.9 | 62.6 |
| *R. heissigi* | Bumbach | NMB-UM-6136c | Magnum | 69 | 43.9 | 72.1 |
| *R. romani* | Gaimersheim | BSPG collection | Magnum | >75 | 40.9 | 57.5 |
| *R. romani* | Rickenbach | NMO-H10/110 | Magnum | 72.6 |  | 52.3 |
| *R. velaunum* | Ronzon | PUY.2004.6.1480.RON | Unciform |  | 59.3 | 44.7 |
| *R. romani* | « Marseille » | FSL-520289 | Unciform |  | 62.5 | 42.5 |
| *R. romani* | « Marseille » | NMB-Mar-865 | Unciform | 87.7 | >54 | 48 |

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| **Species** | **Locality** | **Specimen n°/Source** | **Anatomy** | **L** | **W** | **H** | **Hpost** |
| *R. velaunum* | Ronzon | PUY.2004.6.1770.RON | Astragal | >43.4 | 83.8 | 74.4 |  |
| *R. filholi* | Villebramar | Brunet 1979 | Astragal |  | 82-85 | 74-75 |  |
| *R. filholi* | Bournoncle-St-Pierre | MNHN.LIM-7 | Astragal | 47.4 | 77.9 | 71.2 |  |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | Astragal |  | 89.5 | 77 |  |
| *R. romani* | Gaimersheim | BSPG collection | Astragal | 54 | >85 | 73 |  |
| *R. filholi* | Möhren 11 | BSPG-1971-V-11 | Calcaneum | 142.7 | 87.8 | 66 |  |
| *R. filholi* | Villebramar | Brunet 1979 | Calcaneum | 123-132 | 64-75 | 50-58 |  |
| *R. velaunum* | Ronzon | PUY.2004.6.268.RON | Cuboid | 54.9 |  > 40.5 | 39.4 | 54.7 |
| *R. velaunum* | Ronzon | PUY.2004.6.1309.RON | Cuboid | 56.1 | 40.9 | 43.2 | >49.1 |
| *R. filholi* | Villebramar | Brunet 1979 | Cuboid | 53 |  | 40 | 46 |
| ?*R. filholi* | Quercy | NMB-QE-362 | Cuboid | 58 | 35.2 | 40.1 | 57.3 |
| *R. heissigi* | Bumbach | NMBE-5035834 | Cuboid | 56 | 43.4 | 41.3 | 59 |
| *R. romani* | « Marseille » | NMB-Mar-847d | Cuboid | 70 | 52.2 | 44.5 | 56.2 |
| *R. romani* | « Marseille » | FSL-9528 | Cuboid | 60.3 | 43.1 | 43.9 | 55.1 |
| *R. filholi* | Villebramar | Brunet 1979 | Navicular | 52 | 38 |  |  |
| *R. romani* | « Marseille » | NMB-Mar-847e | Navicular | 69.6 | 49.3 | 30.9 |  |
| *R. velaunum* | Ronzon | PUY.2004.6.577.RON | Ectocuneiform | 49.6 | 47.8 | 23 |  |
| *R. filholi* | Villebramar | Brunet 1979 | Ectocuneiform | 49 | 48 | 21 |  |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | Ectocuneiform |  | 46 | 23 |  |
| *R. romani* | « Marseille » | NMB-Mar-735 | Ectocuneiform | 53.6 | 54.8 | 28.4 |  |

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| **Species** | **Locality** | **Specimen n°/Source** | **Anatomy** | **L** | **TDprox** | **APDprox** | **TDdia** | **APDdia** | **TDdist** | **APDdist** |
| *R. filholi* | Villebramar | Brunet 1979 | McII | 156-176 | 35-43 |  | 31-36 |  | 36-40 |  |
| *R. heissigi* | Bumbach | NMB-UM-6136a | McII | 151 | 45.3 | 39.3 | 38 | 23 | 44.8 | 42 |
| *R. heissigi* | Bumbach | NMB-UM-121 | McII | 141 | 43.9 | 38.9 | 38.2 | 15.5 | 49.9 | 36.5 |
| *R. sp.* | le Garouillas | de Bonis & Brunet 1995 | McII | 182-183 | 41-41.5 |  |  |  | 32 |  |
| *R. filholi* | Villebramar | Brunet 1979 | McIII | 185-200 | 45-51 |  | 40-43 |  | 43-51 |  |
| *R. filholi* | Möhren 7 | BSPG-1969-XXIV | McIII |  | 52.6 | 41.4 | 40.7 | 20.5 |  |  |
| *R. romani* | « Marseille » | UPM-13667 | McIII | 174 | 59 |  | 53 |  | >60 |  |
| *R. romani* | « Marseille » | FSL-520281 | McIII |  | 58.9 | 44 |  |  |  |  |
| *R. romani* | « Marseille » | FSL-9505 | McIII |  | 59 | 44.5 |  |  |  |  |
| *R. sp.* | le Garouillas | de Bonis & Brunet 1995 | McIII | 195 | 46-47 |  |  |  | 49 |  |
| *R. filholi* | Villebramar | Brunet 1979 | McIV | 153-170 | 38-39 |  | 31-36 |  | 38-40 |  |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | McIV |  | 43.5 | 38 | 33 | 17.5 |  |  |
| *R. romani* | « Marseille » | NMB-Mar-863 | McIV | 132 | 45.5 | 45.5 | 39 | 21.5 | 56 | 47.5 |
| *R. romani* | « Marseille » | NMB-Mar-864 | McIV |  | 45.6 | 41.2 |  |  |  |  |
| *R. romani* | « Marseille » | FSL-520287 | McIV | 142.4 | 46.9 | 42.4 | 37.6 | 20 | 49.3 | 39.5 |
| *R. romani* | Gaimersheim | BSPG collection | McIV | 137.6 | (45.9) | (50.3) | 39 | 22.8 | 51.8 | 40.8 |
| *R. romani* | Rickenbach | NMO-I8/117 | McIV | 126.6 | 44 | 42.7 | 33.7 | 21.1 | 47.2 | 41 |
| *R. sp.* | le Garouillas | de Bonis & Brunet 1995 | McIV | 164-175 | 33.5-(40) |  |  |  | 36-38 |  |
| *R. filholi* | Villebramar | Brunet 1979 | MtII |  | 29 | 39 |  |  |  |  |
| *R. filholi* | Möhren 7 | BSPG-1969-XXIV-73 | MtII | 137 | 26.4 | 36.3 | 24.5 | 22.5 | 36.2 | 33 |
| *R. filholi* | Möhren 4 | BSPG-1971-V | MtII | 142.6 | 34.2 | 31.5 | 31 | 18.3 | 43.2 | 29.2 |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | MtII |  | 22 | 35 |  |  |  |  |
| *R. romani* | « Marseille » | NMB-Mar-847a | MtII | 144.9 | 38.2 |  | 34.7 | 20.6 | 48.4 | 35.4 |
| *R. romani* | Rickenbach | NMB-UM-2565 | MtII | 119.2 | 34 | 42.4 | 29.7 | 23 | 42.1 | 44.2 |
| *R. velaunum* | Ronzon | MC-2004-6-840-RON | MtIII | (160.6) | (45.1) | >43 | 42 |  | (50) |  |
| *R. filholi* | Villebramar | Brunet 1979 | MtIII | 155-162 | 40-44 | 40-43 |  |  | 46-48 | 36 |
| *R. filholi* | Möhren 7 | BSPG-1969-XXIV-156 | MtIII | 138.2 | 38.5 | 38.2 | 33.7 | 21 | 46.6 | 34 |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | MtIII |  | 47 | 46 | 50 |  |  |  |
| *R. romani* | Gaimersheim | BSPG-1952-II | MtIII | 137.8 | (46) | 42 | 49.6 | 27.9 | 62.6 | 52.8 |
| *R.* cf. *velaunum* | Haag 2 | BSPG collection | MtIV |  | 40 | 34 | 36 | 20 |  |  |
| *R. filholi* | Villebramar | Brunet 1979 | MtIV | 140 | 35 | 41 |  |  | 31 | 33 |
| *R. romani* | Aubenas-les-Alpes | Ménouret et al. 2015 | MtIV |  | 45 | 40 | 30 | 15 |  |  |
| *R. romani* | « Marseille « | FSL-520286 | MtIV | 121 | 44.5 | 41 | 33 | 24.5 | 44 | 42 |