**Listings of specimens of ‘large’ rodentsfrom Prémontré and of *Pseudoparamys lapicidinarum* nov.comb. from Condé-en-Brie, after Escarguel, 1999, with re-attributions and remarks**

The fossil rodents from Prémontré have been collected, mainly by F. Hautefeuille (SLP29PR), R. Tétu (SLP43PR), F.Duchaussois (SLP27PR) D. Zuccola (SLPZPR), P. Louis (PLPRE) and M. Sabatier (MSPRE); from the ‘Société Laonnoise et Axonaise de Paléontologie’These collections are currently on deposit for study at the Institute of Evolutionary Sciences (ISEM) of the University of Montpellier.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ColL N° | Lxw mm | | remarks | Loci | |
| ***Ailuravus inexpectatus* Escarguel, 1999** | | | | | |
|  | | | | | |
|  | ***Upper teeth*** | | | | |
|  | | | **D4** | | |
| PLPRE- 725 | 2.71 | 3.25 |  | right D4 | |
| PLPRE- s | 2.81 | 3.00 | Pl.6, fig. h, Escarguel 1999; **Fig. 8F** | left D4 | |
| SLP29PR-24 | 2.72 | - |  | left D4 | |
| SLP29PR-65 | 2.58 | 2.62 |  | right D4 | |
| SLP29PR-407 | 2.75 | 3.10 | **Fig. 8G** | right D4 | |
| UMPRE- 106 | 3.02 | 3.07 |  | left D4 | |
|  | | | **P4** | | |
| PLPRE- 731 | 2.91 | 3.87 |  | right P4 | |
| PLPRE- 1007 | 2.96 | 3.75 |  | right P4 | |
| SLP29PR-1080 | 2.95 | 3.90 | Pl.6, fig. j, Escarguel 1999; **Fig. 8H** | right P4 | |
| SLP29PR-1101 | 2.85 | 3.59 |  | right P4 | |
| SLP29PR-1260 | 2.94 | 3.82 |  | right P4 | |
| MSPRE -92 | 2.86 | 4.09 | Pl.6, fig. j, Escarguel 1999; **Fig. 8J** | left P4 | |
|  | | | **M1** | | |
| PLPRE--461 | 3.10 | 4.25 |  | | right M1 |
| PLPRE--726 | 3.08 | 3.97 |  | | left M1 |
| PLPRE--735 | 3.20 | 4.13 |  | | right M1 |
| PLPRE--1011 | 3.24 | 4.11 | Holotype; Pl.6, fig. k-l, Escarguel; **Fig.9F** | | right M1 |
| PLPRE--1193 | 3.24 | 4.12 |  | | left M1 |
| S29-1391 | 2.98 | 3.77 |  | | left M1 |
| SLP29PR-436 | 3.17 | 3.90 |  | | left M1 |
| SLP29PR-1032 | 3.05 | 3.72 |  | | left M1 |
| SLP29PR-1049 | 3.17 | 4.16 | PLPRE-.6, fig. m, Escarguel; **Fig. 9E** | | left M1 |
| SLP29PR-1468 | 3.12 | 3.96 |  | | left M1 |
| SLP29PR-1541 | 3.03 | - |  | | right M1 |
| SLP29PR-2023 | 3.30 | 3.75 | previously considered as M2 | | right M2 |
| SLP29PR-297 | 3.09 | 3.70 | not observed | | right M1 |
| MSPRE -25 | 3.15 | 3.92 |  | | left M1 |
|  | | | **M2** | | |
| PLPRE--21 | 3.10 | 4.25 |  | left M2 | |
| PLPRE--1009 | 3.47 | 4.08 | previously considered as *michauxi* | right M2 | |
| PLPRE--1010 | 3.08 | 3.97 |  | right M2 | |
| PLPRE--u | 3.20 | 4.13 | Pl.6, fig. n, Escarguel 1999; **Fig. 9I** | right M2 | |
| SLPZ- 319 | 3.24 | 4.11 | Pl.6, fig. o, Escarguel 1999; **Fig. 9H** | right M2 | |
| SLP29PR-236 | 2.98 | 3.77 |  | left M2 | |
| SLP29PR-240 | 3.05 | 3.70 |  | left M2 | |
| SLP29PR-393 | 3.05 | 3.72 |  | left M2 | |
| SLP29PR-799 | 3.17 | 4.16 | **Fig. 9G** | left M2 | |
| SLP29PR-836 | 3.12 | 3.96 |  | right M2 | |
| SLP29PR-941 | 3.03 | - |  | right M2 | |
| SLP29PR-1086 | 3.09 | 3.70 |  | right M2 | |
| SLP29PR-1213 | 3.41 | - |  | left M2 | |
| SLP29PR-1244 | 3.33 | 3.62 |  | left M2 | |
| SLP29PR-2016 | 3.19 | 3.62 |  | right M2 | |
| SLP43PR-278 | 3.34 | 3.77 |  | right M2 | |
| MSPRE -6 | 3.40 | 3.72 |  | right M2 | |
| MSPRE -142 | 3.17 | 3.52 |  | right M2 | |
| UMPRE--107 | 3.27 | 3.83 | not observed | right M2 | |
| UMPRE--108 | 3.26 | 3.92 | not observed | right M2 | |
| Z 133 | 3.17 | 3.82 |  | right M2 | |
|  | | | **M3** | | |
| PLPRE--1005 | 2.74 | 3.32 |  | left M3 | |
| PLPRE--1041 | 2.83 | 2.82 |  | left M3 | |
| SLPZ-184 | 3.25 | 3.00 |  | right M3 | |
| SLPZ-327 | 3.21 | 3.01 | **Fig. 10D** | left M3 | |
| SLP29PR-962 | 2.95 | 3.15 |  | left M3 | |
| SLP29PR-1003 | 3.13 | 3.43 | Pl.6, fig. p, Escarguel 1999 | left M3 | |
| SLP29PR-1501 | 3.13 | 3.00 | Pl.6, fig. q, Escarguel 1999; **Fig. 10C** | right M3 | |
| SLP29PR-2112 | 2.77 | 2.90 |  | left M3 | |
| SLP29PR-264 | 3.02 | 3.37 | Previously identified as *Plesiarctomys* | left M3 | |
| MSPRE- 052 | 2.86 | 2.89 | Previously *Plesiarctomys*; **Fig. 10E** | left M3 | |
| SLP29PR-1440 | 3.35 | 3.35 |  | right M3 | |
| SLP43PR-325 | 3.35 | 3.34 |  | right M3 | |
|  | ***lower teeth*** | | | | |
|  | | | **d4** | | |
| PLPRE- 463 | 2.92 | 2.37 |  |  | |
| PLPRE- 589 | 2.96 | 2.32 | worn |  | |
| PLPRE- 1371 | 2.90 | 2.31 | another taxon; indet. | right mand. p4; i-p4-m3 alveoli | |
| PLPRE-?c | 2.78 | 2.21 | enamel eroded |  | |
| SLP29PR-545 | 2.64 | 1.96 | abraded |  | |
| SLP29PR-556 | 2.92 | 2.12 | eroded |  | |
| SLP29PR-1141 | 2.96 | 2.26 | worn, especially mesial cusps |  | |
| SLP29PR-1448 | 2.76 | 2.28 | weakly worn; **Fig. 11C** |  | |
| SLP29PR-2275 | 2.87 | 2.24 | unworn; Pl. 1, fig. j; Escarguel 1999. |  | |
| SLP43PR-60 | 3.02 | 2.17 | moderately worn |  | |
|  | | | **p4** | | |
| PLPRE- a | 3.16 | 2.64 | p4 weakly worn; molars worn. **Fig. 12D** | right mand. i to m3 | |
| SLP29PR-102 | 3.10 | 2.85 | Pl. 6, fig. b, Escarguel 1999; **Fig. 12C** | right p4, weakly worn | |
| SLP29PR-441 | 3.37 | 2.77 |  | left p4, broken | |
| SLP29PR-1206 | 3.19 | 2.82 |  | left p4 | |
| SLP29PR-1477 | 3.37 | 2.80 |  | left p4 | |
| SLP29PR-2095 | 3.22 | 2.80 |  | left p4 | |
| SLP29PR-1293 | 3.36 | 2.99 | previously identified as *michauxi* | left p4 | |
|  | | | **m1** | | |
| SLP29PR-1012 | 3.32 | 3.00 |  | left m1 | |
| PLPRE-.a | 3.23 | 2.83 | on the lower jaw; | right m1, worn | |
| SLP29PR-i | 3.36 | 2.81 |  | left m1 | |
| SLP29PR-1230 | 3.19 | 2.78 | previously identified as p4 | left m1 | |
| SLP29PR-1353 | 3.26 | 2.90 | previously identified as p4 | left m1 | |
| SLP29PR-51 | 3.22 | 2.62 |  | right m1 | |
| SLP29PR-112 | 3.29 | 2.85 |  | right m1 | |
| SLP29PR-334 | 3.41 | 3.02 |  | right m1 | |
| SLP29PR-563 a | 3.44 | 2.91 | **Fig. 13A** | right mand., m1-m2 | |
| SLP29PR-592 | 3.17 | 2.87 |  | left m1 | |
| SLP29PR-756 | 3.12 | 2.84 |  | left m1 | |
| SLP29PR-1025 | 3.07 | 2.85 |  | left m1 | |
| SLP29PR-1192 | 3.25 | 3.02 |  | right m1 | |
| SLP29PR-1456 | 3.31 | 2.74 |  | left m1 | |
| SLP29PR-1705 | 3.37 | 2.92 |  | left m1 | |
| SLP29PR-1905 | 3.14 | 2.89 |  | right m1 | |
| SLP29PR-2255 | 3.09 | 2.52 |  | right m1 | |
| SLP29PR-465 |  |  |  | left m1, worn | |
|  | | | **m2** | | |
| PLPRE- 723 | 3.49 | 2.87 |  | left m2 | |
| PLPRE- ?c | 3.49 | 3.02 | on right lower jaw | right m2, worn | |
| PLPRE- n | 3.63 | 3.06 |  | right m2 | |
| SLP29PR-1 | 3.57 | 3.14 |  | left m2 | |
| SLP29PR-181 | 3.64 | 3.07 |  | left m2 | |
| SLP29PR-322 | 3.69 | 3.24 |  | left m2 | |
| SLP29PR-563b | 3.52 | 3.17 | on right lower jaw, moderately worn | right m2 | |
| SLP29PR-945 | 3.57 | 3.21 |  | right m2 | |
| SLP29PR-1197 | 3.53 | 3.02 | Pl. 6, fig. c, Escarguel 1999; **Fig. 13B** | right m2 | |
| SLP29PR-1248 | 3.59 | 3.02 |  | left m2 | |
| SLP29PR-1460 | 3.66 | 3.04 |  | left m2 | |
| SLP29PR-1934 | 3.53 | 3.17 |  | right m2 | |
| SLP29PR-2050 | 3.34 | 3.03 |  | right m2 | |
| SLP29PR-2094 | 3.55 | 2.85 |  | right m2 | |
| SLP43PR-94 | 3.28 | 3.36 | out of distribution? | right m2 | |
| MSPRE 1 | 3.64 | 3.09 |  | left m2 | |
| UMPRE- 102 | 3.37 | 3.03 | not found | right m2 | |
|  | | | **m3** | | |
| PLPRE- 1 | 3.89 | 2.73 |  | left m3 | |
| PLPRE- 224 | 3.79 | 2.93 |  | left m3 | |
| PLPRE- 722 | 3.96 | 2.81 |  | left m3 | |
| PLPRE- w | 3.46 | 2.74 | Pl. 6, fig. e, Escarguel 1999; **Fig. 14D** | right m3 | |
| SLP29PR-562 | 4.10 | 3.10 |  | left m3 | |
| SLP29PR-586 | 4.13 | 3.26 |  | right m3 | |
| SLP29PR-646 | 3.82 | x | broken | left m3 | |
| SLP29PR-891 | 4.21 | 3.08 |  | right m3 | |
| SLP29PR-1398 | 4.12 | 2.97 |  | right m3 | |
| SLP29PR-1407 | 3.75 | 2.82 |  | right m3 | |
| SLP29PR-1554 | 3.80 | 2.75 |  | right m3 | |
| SLP29PR-1832 | 3.83 | 2.76 | Pl. 6, fig. d, Escarguel 1999; **Fig. 14C** | right m3 | |
| SLP29PR-2031 | 3.98 | 3.05 |  | right m3 | |
| SLP29PR-2033 | 3.76 | 2.69 |  | right m3 | |
| MSPRE -16 | 4.05 | 2.67 |  | left m3 | |
| MSPRE -217 | 4.25 | 3.29 |  | right m3 | |
| MSPRE -456 | 4.08 | 3.30 |  | right m3 | |
|  | | | | | |
| ***Ailuravus michauxi* Escarguel, 1999** | | | | | |
|  | ***Upper teeth*** | | | | |
|  | | | **D4** | | |
| PLPRE--222 | 2.97 | 3.41 |  | left D4 | |
| PLPRE--621 | - | 3.38 |  | right D4 | |
| SLP29PR-85 | 3.44 | 3.56 |  | left D4 | |
| SLP29PR-810 | 2.97 | 3.54 |  | right D4 | |
| SLP29PR-1017 | 3.12 | 3.55 | Pl.2, fig. a, Escarguel 1999; **Fig.8B** | left D4 | |
| SLP29PR-1540 | 3.12 | 3.48 | **Fig. 8A** | right D4 | |
| SLP29PR-2211 | 2.85 | 3.41 | **Fig.8C** | left D4 | |
|  | | | **P4** | | |
| SLP29PR-767 | 3.30 | 4.40 |  | left P4 | |
| SLP29PR-955 | 3.58 | 4.43 | **Fig. 8E** | left P4 | |
| SLP29PR-964 | - | 4.48 |  | right P4 | |
| SLP29PR-1363 | 3.36 | 4.00 | Pl.2, fig. b, Escarguel 1999 | right P4 | |
| SLP29PR-1390 | 3.17 | 4.43 | **Fig.8D** | right P4 | |
| SLP29PR-1993 | 3.10 | 4.07 |  | left P4 | |
| MSPRE -42 | 3.15 | 4.56 |  | left P4 | |
| MSPRE -101 | 3.46 | 4.22 |  | right P4 | |
|  | | | **M1** | | |
| PLPRE--211 | 3.50 | 4.38 |  | right M1 | |
| PLPRE--626 | 3.37 | 4.08 |  | left M1 | |
| PLPRE--753 | 3.58 | 4.72 | Pl.2, fig. c, Escarguel 1999; **Fig. 9A** | right M1 | |
| RT43-11 | 3.66 | 4.63 |  | left M1 | |
| SLP29PR-398 | 3.56 | 4.40 | Pl.2, fig. d, Escarguel 1999 | left M1 | |
| SLP29PR-169 | 3.60 | 4.63 |  | left M1 | |
| SLP29PR-721 | 3.44 | 4.27 |  | right M1 | |
| SLP29PR-739 | 3.50 | 4.41 |  | left M1 | |
| SLP29PR-1162 | 3.46 | 4.35 |  | left M1 | |
| SLP29PR-1257 | - | 4.45 |  | right M1 | |
| SLP29PR-1401 | 3.51 | 4.67 |  | right M1 | |
| SLP29PR-1920 | 3.42 | 4.41 |  | left M1 | |
| SLP29PR-2102 | 3.60 | 4.60 |  | left M1 | |
| SLP43PR-305 | 3.58 | 4.49 | **Fig. 9B** | right M1 | |
| SLP29PR-857 | 3.67 | 4.38 | previously considered as M2 | left M1 | |
| SLP29PR-1021 | 3.51 | 4.02 | previously considered as M2 | left M1 | |
| SLP29PR-1420 | 3.62 | 4.25 | previously considered as M2 | left M1 | |
| SLP29PR-2174 | 3.73 | 4.44 | previously considered as M2 | left M1 | |
| MSPRE -57 | 3.54 | 3.91 | previously considered as M2 | left M1 | |
|  | | | **M2** | | |
| PLPRE--41 | 3.61 | 3.84 |  | right M2 | |
| PLPRE--216 | 3.54 | 4.27 |  | right M2 | |
| PLPRE--398 | 3.88 | 4.06 | Pl.2, fig. e, Escarguel 1999 | right M2 | |
| PLPRE--624 | 3.57 | 4.03 |  | right M2 | |
| PLPRE--1008 | 3.71 | 4.11 |  | right M2 | |
| PLPRE--221? | 3.58 | 3.93 |  | right M2 | |
| PLPRE--t | 3.61 | 4.16 |  | right M2 | |
| SLP29PR-594 | 3.77 | 4.42 |  | right M2 | |
| SLP29PR-1008 | 3.57 | 4.05 | **Fig. 9C** | right M2 | |
| SLP29PR-1036 | 3.64 | 4.07 |  | left M2 | |
| SLP29PR-1196 | 3.51 | 4.00 |  | left M2 | |
| SLP29PR-1523 | 3.58 | 3.78 | **Fig. 9D** | left M2 | |
| SLP29PR-1532 | - | 4.13 |  | right M2 | |
| SLP43PR-16 | 3.74 | 4.35 |  | right M2 | |
| MSPRE -57 | 3.54 | 3.91 |  | right M2 | |
| MSPRE -59 | 3.75 | 4.00 |  | left M2 | |
| MSPRE -056a | 3.39 | 4.01 | Pl.8, fig. d, Escarguel 1999 | right M2 | |
|  | | | **M3** | | |
| PLPRE--214 | 3.92 | 4.13 |  | right M3 | |
| PLPRE--620 | 3.45 | 3.67 |  | left M3 | |
| PLPRE--740 | 3.36 | 3.63 |  | left M3 | |
| SLP29PR-94 | 3.43 | 3.72 | **Fig. 10B** | right M3 | |
| SLP29PR-738 | 3.41 | 3.37 |  | left M3 | |
| SLP29PR-974 | 3.94 | 3.85 | **Fig. 10A** | right M3 | |
| SLP29PR-1314 | 3.70 | 4.15 |  | right M3 | |
| SLP29PR-1542 | 3.46 | 3.57 |  | left M3 | |
| SLP29PR-1927 | 3.58 | 3.75 |  | left M3 | |
| SLP29PR-1980 | 3.47 | 3.82 |  | right M3 | |
| MSPRE -56b | - | 3.55 | Pl.8, fig. d, Escarguel 1999 | right M3 | |
| SLP27PR-281 | - | 3.55 | previously referred to *Plesiarctomys savagei* | right M3 | |
|  | ***lower teeth*** | | | | |
|  | | | **d4** | | |
| PLPRE--223 | 3.23 | 2.58 |  | | left d4 |
| PLPRE--465 | 3.26 | 2.69 | not observed | | left d4 |
| PLPRE--964 | 3.27 | 2.58 | unworn; **Fig. 11B** | | left d4 |
| PLPRE--a | 3.23 | 2.53 |  | | left d4 |
| SLP29PR-68 | 3.40 | 2.50 | worn | | right d4 |
| SLP29PR-629 | 3.10 | 2.43 | eroded | | right d4 |
| SLP29PR-642 | 3.20 | 2.57 |  | | left d4 |
| SLP29PR-934 | 3.09 | 2.63 | unworn; Pl. 6, fig. a, Escarguel ; **Fig. 11A** | | right d4 |
| MSPRE 155 | - | 2.70 |  | | right d4 |
| MSPRE- 104 | 3.43 | 2.66 |  | | right d4 |
|  | | | **p4** | | |
| PLPRE--c | 3.76 | 3.26 | Pl-. 1, fig. k, Escarguel 1999; **Fig. 12A** | | right p4 |
| PLPRE--d | 3.61 | 3.10 |  | | left p4 |
| SLP29PR-299 | 3.85 | 3.34 |  | | left p4 |
| SLP29PR-777 | 3.61 | 3.03 | **Fig. 12B** | | right p4 |
| SLP29PR-842 | 3.61 | 3.15 |  | | right p4 |
| MSPRE -3 | 4.19 | 3.61 | previously identified as m1: another taxon (?*A. remensis*?) | | left p4 |
|  | | | **m1** | | |
| SLP29PR-215 | 3.50 | 3.06 | previously m2 of *A. inexpectatus* | | right m1 |
| SLP29PR-f | 3.62 | 3.21 | not observed | | right m1 |
| SLP29PR-g | 3.50 | 3.44 |  | | left m1 |
| SLP29PR-j | 3.57 | - |  | | left m1 |
| SLP29PR-1035 | 3.60 | 3.30 | Pl. 1, fig. l-m, Escarguel 1999; **Fig. 13C** | | left m1 |
| SLP29PR-1469 | 3.76 | 3.42 |  | | left m1 |
| SLP29PR-1718 | 3.68 | 3.44 |  | | left m1 |
| SLP29PR-1907 | 3.76 | 3.25 |  | | right m1 |
| SLP29PR-1961 | 3.72 | 3.29 |  | | left m1 |
| SLP43PR-50 | 3.71 | 3.30 |  | | right m1 |
| SLPZ-178 | 3.66 | 3.32 |  | | right m1 |
|  | | | **m2** | | |
| PLPRE- 1013 | 4.01 | 3.52 |  | right m2 | |
| PLPRE- k | 4.01 | 3.63 |  | right m2 | |
| PLPRE- l | 3.83 | 3.64 |  | right m2 | |
| PLPRE- m | 3.75 | 3.58 |  | left m2 | |
| PLPRE- o | 3.72 | - | broken | right m2 | |
| PLPRE- p | 3.75 | - | broken | right m2 | |
| SLP29PR-13 | 3.87 | 3.50 |  | right m2 | |
| SLP29PR-75 | 3.78 | 3.42 | Pl-. 1, fig. o, Escarguel 1999; **Fig. 13D** | left m2 | |
| SLP29PR-96 | 4.06 | 3.90 | Pl. 1, fig. p, Escarguel 1999 | left m2 | |
| SLP29PR-101 | 3.55 | 3.53 |  | right m2 | |
| SLP29PR-109 | 3.69 | 3.35 |  | right m2 | |
| SLP29PR-179 | 4.00 | 3.44 |  | right m2 | |
| SLP29PR-947 | 3.85 | 3.79 | m1 another species, like p4 MSPRE 3 | right m2 | |
| SLP29PR-1330 | 3.94 | 3.65 |  | left m2 | |
| SLP29PR-1455 | 3.69 | 3.35 |  | right m2 | |
| SLP29PR-1963 | 3.83 | 3.43 |  | left m2 | |
| SLP29PR-2052 | 3.99 | 3.41 |  | left m2 | |
| SLP29Z-243 | 3.70 | 3.31 |  | right m2 | |
| RT43PE-28 | 3.82 | 3.34 |  | right m2 | |
| MSPRE -69 | 3.91 | 3.37 |  |  | |
|  | | | **m3** | | |
| PLPRE- v | 4.35 | 3.10 |  | right m3 | |
| SLP29PR-261 | 4.54 | 3.30 |  | right m3 | |
| SLP29PR-861 | 4.53 | 3.21 | Pl. 1, fig. q, Escarguel 1999; **Fig. 14A** | right m3 | |
| SLP29PR-952 | 4.23 | 2.90 |  | left m3 | |
| SLP29PR-1071 | 4.68 | 3.03 |  | right m3 | |
| SLP29PR-1212 | 4.73 | 3.43 | Pl. 1, fig. 5, Escarguel 1999; **Fig. 14B** | right m3 | |
| SLP29PR-1372 | 4.21 | 2.83 |  | right m3 | |
| SLP29PR-1374 | 4.54 | 3.33 |  | right m3 | |
| SLP29PR-1926 | 4.50 | 3.13 | Pl. 6, fig. d, Escarguel 1999 | right m3 | |
| SLP29PR-1943 | 4.58 | 3.00 |  | right m3 | |
| MSPRE -2 | 4.28 | 2.91 |  | right m3 | |
| MSPRE -817 | 4.66 | 2.48 | out of the distribution | right m3 | |
| MSPRE -878 | 4.45 | 3.31 |  | right m3 | |
| MSPRE -58 |  |  |  |  | |
| MSPRE -1262 |  |  |  |  | |
|  | | | | | |
| ***Plesiarctomys savagei* Escarguel, 1999** | | | | | |
|  | ***Upper teeth*** | | | | |
|  | | | **D4** | | |
| SLP29PR-1350 | 2.64 | 2.77 | Pl.15, fig. j, Escarguel 1999; **Fig. 31A** | left D4 | |
| SLP29PR-2081 | 2.71 | 2.98 | **Fig. 31B** | right D4 | |
| PLPRE--1005 | 2.74 | 3.32 | previously referred to M3 of *A. inexpectatus* | left D4 | |
|  | | | **P4** | | |
| ? ? | 2.56 | - |  | left P4 | |
| SLP29PR-766 | 2.56 | - |  | left P4 | |
| SLP29PR-226 | 2.90 | 3.80 | **Fig 31D** | left P4 | |
| SLP29PR-304 | 2.73 | 3.49 |  | right P4 | |
| SLP29PR-506 | 2.66 | 3.74 |  | left P4 | |
| SLP29PR-666 | - | - |  | right P4 | |
| SLP29PR-733 | 2.46 | 3.37 | Pl.15, fig. k, Escarguel 1999 | left P4 | |
| SLP29PR-1105 | 2.46 | 3.29 |  | left P4 | |
| SLP29PR-1394 | 2.50 | 3.35 | **Fig 31E** | right P4 | |
| SLP43PR-267 | 2.16 | 3.07 |  | left P4 | |
| MSPRE -90 | 2.55 | 3.46 |  | left P4 | |
| SLPZ-88 | 2.52 | 3.45 | **Fig 31C** | left P4 | |
|  | | | **M1** | | |
| SLP29PR- ? | 2.94 | 3.66 |  | right M1 | |
| SLP29PR- ? | 2.98 | 3.68 | fragment of max. with M1 | right M1 | |
| PLPRE--400 | 2.88 | 3.60 |  | right M1 | |
| PLPRE--623 | - | - |  | Right M1 | |
| SLP29PR-170 | 3.21 | 3.91 | Pl..15, fig. l, Escarguel 1999; **Fig. 32A** | left M1 | |
| SLP29PR-220 | 3.00 | 3.85 |  | left M1 | |
| SLP29PR-568 | 2.94 | 3.79 |  | left M1 | |
| SLP29PR-1249 | 2.94 | 3.62 |  | left M1 | |
| SLP29PR-1411 | 3.26 | 4.10 | **Fig. 32B** | left M1 | |
| SLP29PR-1930 | 2.88 | 3.66 |  | left M1 | |
| SLP29PR-1995 | 3.00 | 3.95 |  | left M1 | |
| SLPZ-170 | - | 3.72 |  | left M1 | |
| SLPZ-175 | 3.12 | 3.82 |  | left M1 | |
| SLPZ-185 | 3.01 | 3.67 | not found | left M1 | |
| SLPZ-234 | 3.07 | 3.69 | previously identified as M2 | left M1 | |
|  | | | **M2** | | |
| PLPRE--876 | 2.94 | - |  | right M2 | |
| SLP29PR-33 | 2.77 | 3.30 |  | right M2 | |
| SLP29PR-310 | 2.96 | 3.39 | **Fig. 32C** | left M2 | |
| SLP29PR-685 | 2.94 | 3.58 |  | right M2 | |
| SLP29PR-715 | 2.84 | 3.49 |  | right M2 | |
| SLP29PR-845 | 3.05 | 3.64 | Pl.15, fig. m, Escarguel 1999 | right M2 | |
| SLP29PR-1282 | 3.02 | 3.60 |  | right M2 | |
| SLP29PR-1308 | 3.10 | 3.87 | **Fig. 32D** | right M2 | |
| SLP29PR-2005 | 2.87 | 3.44 |  | left M2 | |
| SLP43PR-224 | 2.93 | - |  | right M2 | |
| MSPRE -154 | 2.91 | 3.48 |  | left M2 | |
|  | | | **M3** | | |
| ? 226 | 3.13 | 3.22 |  | right M3 | |
| PLPRE--1041 | 2.83 | 2.82 | previously referred to *A. inexpectatus* | left M3 | |
| SLP29PR-53 | - | 3.25 |  | right M3 | |
| SLP29PR-293 | - | 2.92 |  | left M3 | |
| SLP29PR-458 | 3.26 | 3.38 | Pl.15, fig. n, Escarguel 1999; **Fig. 32E** | right M3 | |
| SLP29PR-852 | 2.98 | 3.15 | **Fig. 32F** | right M3 | |
| SLP29PR-1746 | 3.03 | 2.95 |  | right M3 | |
|  | ***lower teeth*** | | | | |
|  | | | **d4** | | |
| MSPRE- 116 | 2.67 | 2.11 | **Fig. 33B** | right d4 | |
| PLPRE- 748 | 2.65 | 2.02 |  | left d4 | |
| SLP29PR-1802 | 2.44 | 2.03 | Pl. 17, fig. a, Escarguel 1999; **Fig. 33A** | right d4 | |
| SLP43PR-279 | 2.72 | 2.20 |  | left d4 | |
| SLP29PR-1994 | 2.56 | 1.99 | other taxon, | left d4 | |
|  | | | **p4** | | |
| SLP29PR-1298 | 2.65 | 2.59 | Pl. 17, fig. b, Escarguel 1999 **Fig. 33C** | right p4 | |
|  | | | **m1** | | |
| SLP29PR-325 | 3.24 | 3.12 |  | right m1 | |
| SLP29PR-329 | 3.30 | 3.11 | **Fig. 34B** | right m1 | |
| SLP29PR-760 | 3.32 | 3.05 | Pl. 17, fig. c, Escarguel 1999; **Fig. 34A** | left m1 | |
| SLP29PR-1159 | 3.02 | 2.98 |  | right m1 | |
| SLP29PR-1977 | 3.23 | 3.07 |  | right m1 | |
| SLP43PR-277 | 3.23 | 3.09 |  | left m1 | |
|  | | | **m2** | | |
| SLP29PR-1287 | 3.14 | 2.97 | Pl. 17, fig. d, Escarguel 1999 | left m2 | |
| SLPZ-241 | 3.30 | 3.07 |  | right m2 | |
| SLPZ-7a | 3.20 | 3.03 | Pl. 16, fig. b-c, Escarguel; **Fig. 34C** | left m2 | |
|  | | | **m3** | | |
| SLP29PR-975 | 3.57 | 2.83 |  | left m3 | |
| SLP29PR-1087 | 3.50 | 3.09 | Pl. 17, fig. e, Escarguel 1999; **Fig. 34 D** | right m3 | |
| SLP29PR-1173 | 3.10 | 2.67 |  | right m3 | |
| SLP29PR-1186 | 3.58 | 2.97 |  | left m3 | |
| SLP43PR-150 | 3.59 | 3.04 |  | right m3 | |
| SLPZ-320 | 3.45 | 2.88 |  | right m3 | |
| SLPZ-7b | 3.53 | 2.75 | Pl. 16, fig. b-c, Escarguel 1999 | left m3 | |
|  | | | | | |
| ***Euromys woodi* (Michaux, 1964)** | | | | | |
|  | ***Upper teeth*** | | | | |
|  | | | **D4** | | |
|  |  |  | none D4 identified |  | |
|  | | | **P4** | | |
| SLP29PR-600 | 2.64 | 3.67 |  | right P4 | |
|  | | | **M1** | | |
| PLPRE--634 | 3.11 | 3.58 |  | right M1 | |
| SLP29PR-710 | - | - | eroded, previously P4 of *Plesiarctomys* | left M1 | |
|  | | | **M2** | | |
| PLPRE--1050 | 2.97 | 3.41 | unworn M2, enamel cap only  previously considered as *Plesiarctomys* | left M2 | |
| SLP29PR-1194 | 3,19 | 3.49 | Pl.. 25, fig. t, Escarguel 1999 | right M2 | |
|  | | | **M3** | | |
| SLP29PR-712 | 3.03 | 2.95 |  | right M3 | |
|  | ***lower teeth*** | | | | |
|  | | | **d4** | | |
| SLP29PR-1790 | 2.91 | - |  | left d4 | |
| MSPRE -170 | 2.66 | 2.37 |  | left d4 | |
|  | | | **p4** | | |
|  |  |  | none p4 identified |  | |
|  | | | **m1** | | |
| SLP29PR-356 | 3.25 | 3.04 | Pl. 25, fig. u, Escarguel 1999 | left m1 | |
| SLP29PR-647 | 3.27 | 3.40 |  | left m1 | |
| SLP29PR-1717 | 3.03 | 2.93 |  | left m1 | |
| SLP29PR-2010 | 3.33 | 3.60 |  | left m1 | |
|  | | | **m2** | | |
| SLP29PR-1083 | 3.14 | 2.97 | Pl. 25, fig. v, Escarguel 1999 | left m2 | |
| SLP29PR-382 | 3.48 | 3.29 |  | right m2 | |
| SLP29PR-564 | 3.16 | 3.23 | previously considered as *Plesiarctomys* | right m2 | |
| SLP29PR-750 | 3.34 | 3.25 | previously considered as *Plesiarctomys* | right m2 | |
| SLP29PR-953 | 3.18 | 3.33 |  | left m2 | |
| PLPRE--1006 | 3.64 | 3.59 |  | left m2 | |
| SLP29PR-1289 | 3.57 | 3.33 | previously considered as *Plesiarctomys* | left m2 | |
|  | | | **m3** | | |
| SLP29PR-2069 | 3.52 | 2.92 | Pl.. 25, fig. w, Escarguel 1999 | right m3 | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Pseudoparamys lapicidinarum* Escarguel, 1999, nov.comb. Condé-en-Brie (MP8-9)** | | | | |
|  | ***lower teeth*** | | | |
|  | | | **p4** | |
| UM-CB b1-12 | 2.27 | 2.12 | **Fig. 41 C** | left p4 |
|  | | | **m1** | |
| UM-CB 492 | 2.61 | 2.29 | **Fig. 41 E** | left m1 |
|  | | | **m2** | |
| UM-CB 511 | 2.29 | 2.35 | **Fig. 41 D Holotype** | right m2 |
| UM-CB b1-10 | 2.23 | 2.07 |  | left m2 |
| UM-CB b1-11 | 2.29 | 2.26 |  | left m2 |
|  | | | **m3** | |
| UM-CB 306 | 2.78 | 2.27 |  | right m3 |
| UM-CB 525 | 3.17 | 2.22 |  | right m3 |
|  | ***Upper teeth*** | | | |
|  | | | **M1** | |
| UM-CB 551 | 2.26 | 2.80 | **Fig. 41 A** | left M1 |
|  | | | **M2** | |
| UM-CB no number | 2.20 | 2.59 | **Fig. 41 B** | right M2 |

**Listing of specimens of *Hartenbergeromys* *hautefeuillei* Escarguel, 1999 and *Hartenbergeromys marandati* (Escarguel, 1999)from Prémontré**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ColL N° | Length x tal.width mm | | remarks | Loci |
| ***Hartenbergeromys hautefeuillei* Escarguel, 1999** | | | | |
|  |  | | Hemi-maxillary | |
| SLP29PR-1312 |  | | **Fig. 61 B** |  |
| UMPRE- 138 | 1.70 | 1.62 | Holotype, Escarguel, 1999: PLPRE-. 22 f, g. | m2 left |
| SLP29PR-1687 | 1.30 | 1.06 | PLPRE- 22 a (other species?) | d4 left |
| SLP29PR-1466 | - | - | PLPRE-. 22b | p4 left |
| MNHN PLPRE--107 | 1.75 | 1.60 | PLPRE-. 22c | m1 right |
| SLP29PR-1185 | 1.73 | 1.56 | PLPRE-. 22d, e | m1 left; fragmentary dentary |
| SLP43PR-119 | 1.80 | 1.37 | PLPRE-. 22h **Fig. 70 A** | left m3 |
| SLP27PR-343 | 1.40 | 1.62 | PLPRE-. 22i | D4 left |
| UMPRE- 121 | 1.45 | 1.73 | PLPRE-. 22j | P4 right |
| SLP29PR-1027 | 1.63 | 1.84 | PLPRE-. 22k | M1 left, fragmentary maxillary |
| SLP29PR-1761 | 1.62 | 1.76 | PLPRE-. 22l | M2 right |
| SLP29PR-1811 | 1.55 | 1.60 | PLPRE-. 22m | M3 right |
|  |  | **Upper teeth** | | |
|  |  |  | **D4** | |
| PLPRE-670 | 1.51 | 1.71 | **Fig. 59 B** | D4 left |
| PLPRE-785 | 1.36 | 1.56 | **Fig. 59 E** | D4 right |
| PLPRE-896 | 1.48 | 1.60 | **Fig. 59 C** | D4 right |
| SLP27PR-343 | 1.40 | 1.62 | **Fig. 59 D** | D4 left |
| SLP29PR-533 | 1.45 | 1.67 |  | D4 right |
| SLP29PR-1817 | 1.30 | 1.47 |  | D4 right |
|  |  |  | **P4** | |
| PLPRE-743 | 1.41 | 1.64 | **Fig. 60 A** | P4 right |
| PLPRE-783 | 1.48 | 1.77 | **Fig. 60 C** | P4 right |
| PLPRE-938 | - | 1.61 |  | P4 right |
| SLP29PR-79 | 1.55 | 1.76 |  | P4 right |
| SLP29PR-493 | 1.53 | 1.77 | **Fig. 60 E** | P4 left |
| SLP29PR-1445 | 1.54 | 1.87 |  | P4 right |
| SLP29PR-1793 | 1.51 | 1.83 |  | P4 right |
| UMPRE- 121 | 1.45 | 1.73 | **Fig. 60 B** | P4 right |
|  |  |  | **M1** | |
| 1-43 | 1.58 | 1.77 |  | M1 left |
| PLPRE-215 | 1.54 | 1.79 |  | M1 left |
| PLPRE-668 | 1.63 | 1.78 | **Fig 63 B** | M1 left |
| PLPRE-742 | 1.58 | 1.86 |  | M1 right |
| PLPRE-806 | 1.38 | 1.61 | The smaller M1 **Fig 63 C** | M1 left |
| PLPRE-1003 | 1.62 | 1.83 | **Fig 63 D** | M1 right |
| SLP29PR-90 | - | - | badly preserved | M1 right |
| SLP29PR-230 | 1.63 | 1.82 |  | M1 left |
| SLP29PR-271 | 1.57 | 1.74 |  | M1 left |
| SLP29PR-405 | 1.65 | 1.85 | previously referred to M2 | M1 right |
| SLP29PR-784 | 1.54 | 1.63 |  | M1 left |
| SLP29PR-801 | - | - | badly preserved | M1 left |
| SLP29PR-1027 | 1.63 | 1.84 | **Fig 63 A** | M1 left |
| SLP29PR-1312a | 1.61 | 1.81 |  | M1 right |
| SLP29PR-1433 | 1.58 | 1.68 | previously referred to M2 | M1 right |
| SLP29PR-1589 | - | - | badly preserved | M1 right |
| SLP29PR-1611 | 1.53 | 1.68 | previously referred to M2 | M1 left |
| SLP29PR-1630 | 1.67 | 1.81 |  | M1 right |
| SLP29PR-1750 | 1.51 | 1.77 |  | M1 right |
| SLP29PR-1763 | 1.60 | 1.80 | **Fig 63 F** | M1 left |
| SLP29PR-1803 | 1.68 | - |  | M1 left |
| SLP29PR-2135 | - | 1.86 |  | M1 left |
| SLP43PR-141 | 1.50 | 1.74 |  | M1 right |
| MSPRE 11 | 1.62 | 1.92 |  | M1 right |
| SLP29PR-846 | 1.76 | 1.85 | previously referred to *marandati* | M1 right |
| SLP29PR-1050 | 1.62 | 1.85 | previously referred to *marandati* | M1 left |
| SLP29PR-1908 | 1.66 | 1.90 | previously referred to *marandati* (fragt. of max.) | M1 left |
| SLP29PR-2085 | 1.62 | 1.83 | previously referred to *marandati* | M1 left |
| SLP29PR-2280 | 1.63 | 1.78 | previously referred to M2 of *marandati* | M1 left |
| SLP29PR-2000 | 1.65 | 1.65 | previously referred to *marandati* | M1 right |
|  |  |  | **M2** | |
| PLPRE-536 | 1.63 | 1.73 |  | M2 left |
| PLPRE-580 | 1.64 | 1.83 |  | M2 right |
| PLPRE-933 | 1.68 | 180 |  | M2 right |
| PLPRE-975 | 1.60 | 1.73 |  | M2 left |
| PLPRE-1043 | - | - | badly preserved | M2 left |
| PLPRE-1045 | - | - | badly preserved | M2 left |
| PLPRE-1109 | - | - | badly preserved | M2 left |
| SLP27PR-328 | 1.69 | 1.88 |  | M2 left |
| SLP29PR-117 | 157 | 1.66 |  | M2 right |
| SLP29PR-178 | 1.57 | 1.84 |  | M2 right |
| SLP29PR-244 | 1.71 | 1.74 |  | M2 right |
| SLP29PR-309 | 1.50 | - |  | M2 left |
| SLP29PR-321 | 1.61 | 1.74 |  | M2 right |
| SLP29PR-361 | 1.62 | 1.72 |  | M2 left |
| SLP29PR-789 | - | - |  | M2 left |
| SLP29PR-937 | - | - | - **Fig 63 I** |  |
| SLP29PR-1312b | 1.69 | 1.81 |  | M2 right |
| SLP29PR-1590 | 1.68 | 1.80 |  | M2 right |
| SLP29PR-1651 | 1.52 | 1.76 | **Fig 63 J** | M2 right |
| SLP29PR-1761 | 1.65 | 1.76 |  | M2 right |
| SLP29PR-1776 | 1.72 | 1.74 | **Fig 63 H** | M2 left |
| SLP29PR-1795 | - | - | badly preserved | M2 right |
| SLP29PR-2071 | 1.69 | 1.78 |  | M2 right |
| SLP29PR-2093 | - | - | badly preserved | M2 right |
| SLP29PR-2157 | 1.65 | 1.80 |  | M2 right |
| SLP29PR-2334 | 1.57 | - |  | M2 left |
| SLP29PR-2353 | 1.72 | 1.71 | **Fig 63 G** | M2 right |
| UMPRE- 124 | - | - | badly preserved | M2 left |
|  | | | **M3** | |
| PLPRE-667 | - | 1.67 | badly preserved | M3 left |
| PLPRE-934 | 1.59 | 1.67 |  | M3 left |
| PLPRE-1048 | 1.64 | 1.65 |  | M3 left |
| SLP29PR-675 | 1.66 | 1.67 | **Fig 64 E** | M3 right |
| SLP29PR-820 | 1.69 | 1.77 |  | M3 right |
| SLP29PR-1110 | 1.56 | 1.55 |  | M3 right |
| SLP29PR-1211 | 1.61 | 1.65 |  | M3 left |
| SLP29PR-1312c | 1.64 | 1.64 |  | M3 right |
| SLP29PR-1653 | 1.57 | 1.62 |  | M3 left |
| SLP29PR-1738 | 1.61 | 1.74 |  | M3 right |
| SLP29PR-1811 | 1.55 | 1.60 |  | M3 right |
| UMPRE- 126 | 1.60 | 1.55 | **Fig 64 G** | M3 right |
| UMPRE- 127 | 1.63 | 1.59 |  | M3 right |
| SLP29PR-379 | 1.49 | 1.54 | Previously identified as a M2 | M3 left |
|  | | | | |
|  |  | **Lower teeth** | | |
|  |  |  | **d4** | |
| PLPRE-531 | 1.49 | 1.16 | **Fig 65 B** | d4 left |
| SLP29PR-932 | 1.33 | 1.09 | **Fig 65 A** | d4 right |
| SLP29PR-1687 | 1.30 | 1.06 | Sp. indet?  **Fig 65 C** | d4 left |
|  |  |  | **p4** | |
| PLPRE-669 | 1.58 | 1.48 | previously ref. to *marandati* | p4 left |
| SLP29PR-3 | 1.64 | 1.44 | previously ref. to *marandati* | p4 left |
| SLP29PR-109 | 1.63 | 1.34 | previously ref. to *marandati* | p4 right |
| SLP29PR-550 | - | - |  | p4 left |
| SLP29PR-909 | 1.65 | 1.39 | **Fig 66 B** | p4 left |
| SLP29PR-936 | 1.50 | 1.33 | badly preserved | p4 left |
| SLP29PR-1278 | 1.54 | 1.35 |  | p4, right fragmentary dentary |
| SLP29PR-1569 | 1.54 | 1.26 | **Fig 66 A** | p4 right |
| SLP29PR-1733 | - | - | very badly preserved | p4 left |
| SLP29PR-2332 | 1.47 | 1.27 |  | p4 left |
| SLP29PR-2362 | 1.63 | 1.38 |  | p4 right |
| SLP43PR-222 | 1.75 | 1.37 | previously ref. to *marandati* | p4 left |
| MSPRE 13 | 1.69 | 1.46 | previously ref. to *marandati* | p4 left |
| UMPRE--136 | - | 1.39 | previously ref. to *marandati* | p4 left |
| UMPRE--137 | - | 1.43 | previously ref. to *marandati* | p4 left |
| UMPRE--141 | 1.62 | 1.39 | previously ref. to *marandati* | p4 left |
|  | | | **m1** | |
| SLP29PR-83 | 1.67 | 1.48 |  | m1 left |
| SLP29PR-214 | 1.84 | 1.63 | **Fig. 67 C** | m1 left |
| SLP29PR-410 | 1.58 | 1.47 |  | m1 left |
| SLP29PR-468 | 1.78 | 1.59 |  | m1 left |
| SLP29PR-976 | 1.79 | 1.51 |  | m1 left |
| SLP29PR-1185 | 1.73 | 1.56 | **Fig. 67 A** | m1 left |
| SLP29PR-1571 | 1.64 | 1.45 |  | m1 right |
| SLP29PR-1686 | 1.45 | 1.40 |  | m1 left |
| SLP29PR-2169 | 1.64 | 1.42 |  | m1 right |
| SLP29PR-2293 | 1.72 | 1.47 |  | m1 left |
| SLP27PR-330 | 1.74 | - |  | m1 left |
| SLP27PR-340 | - | 1.59 |  | m1 left |
| PLPRE-48 | 1.75 | 1.60 |  | M1 right |
| PLPRE-107 | 1.76 | 1.59 |  | m1 right |
| PLPRE-135 | 1.64 | 1.42 |  | m1 right |
| PLPRE-154 | 1.64 | 1.48 |  | m1 left |
| PLPRE-547 | - | - | badly preserved | m1 left |
| PLPRE-548 | 1.70 | 1.58 |  | m1 right |
| PLPRE-741 | 1.74 | 1.46 |  | m1 left |
| PLPRE-749 | 1.66 | 1.51 |  | m1 left |
| PLPRE-871 | 1.82 | 1.55 |  | m1 left |
| PLPRE-885 | 1.64 | 1.42 |  | m1 left |
| PLPRE-909 | 1.53 | 1.40 |  | m1 left |
| PLPRE-953 | 1.75 | - |  | m1 left |
| PLPRE-1056 | 1.62 | 1.49 |  | m1 right |
| PLPRE-1105 | 1.75 | 1.57 | **Fig. 67 B** | m1 left |
| PLPRE-1119 | 1.76 | 1.57 |  | m1 left |
| PLPRE-1127 | 1.83 | 1.58 |  | m1 right |
| PLPRE-? | 1.72 | 1.50 |  | m1 right |
| MSPRE 15 | 1.71 | 1.48 |  | m1 right |
| UMPRE-2-129 | 1.76 | 1.54 |  | m1 right |
|  |  |  | **m2** | |
| SLP29PR-185 (187?) | 1.83 | 1.58 |  | m2 left |
| SLP29PR-225 | 1.67 | 1.58 |  | m2 left |
| SLP29PR-396 | 1.78 | 1.63 |  | m2 right |
| SLP29PR-420 | 1.72 | 1.62 |  | m2 left |
| SLP29PR-560 | 1.82 | 1.59 | previously referred to a m3 | m2 right |
| SLP29PR-915 | 1.72 | 1.42 | previously referred to a m3 | m2 right |
| SLP29PR-1117 | 1.73 | 1.65 |  | m2 right |
| SLP29PR-1688 | 1.84 | 1.63 |  | m2 left |
| SLP29PR-1747 | 1.89 | 1.68 |  | m2 left |
| SLP29PR-1777 | 1.70 | 1.57 |  | m2 right |
| SLP29PR-1801 | 1.65 | 1.61 | **Fig. 67 F** | m2 left |
| SLP29PR-2017 | - | - | badly preserved | M2 right |
| SLP29PR-2091 | 1.72 | 1.51 |  | m2 left |
| SLP29PR-2118 | 1.69 | 1.55 |  | m2 right |
| SLP29PR-2276 | 1.70 | 1.60 |  | m2 right |
| SLP29PR-2381 | 1.69 | 1.56 |  | m2 right |
| SLP27PR-338 | 1.79 | 1.70 |  | m2 left |
| SLP43PR-154 (194) | 1.76 | 1.61 |  | m2 right |
| PLPRE-101 | 1.69 | 1.60 |  | m2 right |
| PLPRE-139 | 1.68 | 1.53 |  | m2 left |
| PLPRE-565 | 1.66 | 1.59 | **Fig. 67 G** | m2 left |
| PLPRE-661 | 1.80 | 1.65 |  | m2 left |
| PLPRE-662 | 1.71 | 1.58 |  | m2 right |
| PLPRE-745 | 1.65 | 1.50 |  | m2 left |
| PLPRE-947 | 1.53 | 1.49 | **Fig. 67 D** | m2 left |
| PLPRE-1114 | 1.80 | 1.61 |  | m2 right |
| PLPRE-1128 | 1.70 | 1.66 |  | m2 left |
| PLPRE-?? | 1.74 | 1.69 |  | m2 right |
| UMPRE--134 | 1.71 | 1.71 |  | m2 right |
| UMPRE--138 | 1,70 | 1.62 | **Fig. 67 H Holotype** | m2 left |
| MSPRE 169 | 1.82 | 1.63 |  | m2 left |
| MSPRE 178 | 1.78 | 1.63 |  | m2 left |
|  |  |  | **m3** | |
| SLP27PR-320 | 2.07 | 1.65 | previously referred to *marandati* | m3 right |
| SLP29PR-74 | 1.86 | 1.53 |  | m3 right |
| SLP29PR-126 | 1.90 | 1.60 | previously referred to *marandati* | m3 right |
| SLP29PR-367 |  |  | previously referred to *marandati* | not found |
| SLP29PR-481 | 1.79 | 1.44 |  | m3 right |
| SLP29PR-491 | 1.80 | 1.39 |  | m3 right |
| SLP29PR-495 | 1.85 | 1.35 | previously referred to *marandati* | m3 left |
| SLP29PR-560 | 1.82 | 1.59 |  | m3 right |
| SLP29PR-794 | 1.75 | 1.47 | **Fig. 70 B** | m3 left |
| SLP29PR-915 | 1.72 | 1.42 |  | m3 right |
| SLP29PR-1128 | 1.70 | 1.38 | **Fig. 70 C** | m3 left |
| SLP29PR-1789 | 1.82 | 1.48 |  | m3 right |
| SLP29PR-2140 | - | - | badly preserved | m3 left |
| SLP29PR-2180 | - | - | badly preserved | m3 right |
| SLP29PR-2299 | 2.05 | 1.66 | previously referred to *marandati* | m3 left |
| SLP43PR-119 | 1.80 | 1.37 | **Fig. 70 A** | m3 left |
| SLP43PR-332 | - | - | badly preserved | m3 right |
| PLPRE-103 | 1.95 | 1.52 |  | m3 left |
| PLPRE-131 | 1.82 | 1.43 | previously referred to *marandati* | m3 left |
| PLPRE-663 | 1.95 | 1.62 | **Fig. 70 D** | m3 left |
| PLPRE-803 | 1.88 | 1.48 | previously referred to *marandati* | m3 left |
| PLPRE-1049 | 1.75 | 1.40 | previously referred to *marandati* | m3 left |
|  | | | | |
| ***Pantrogna marandati* Escarguel, 1999** | | | | |
| SLP29PR-498 | 1.84 | 1.78 | Holotype, Escarguel, 1999: PLPRE-. 21d, e. | m2 right |
| PLPRE--912 | 1.63 | 1.32 | PLPRE-. 21a | d4 right |
| SLP27PR-4 | 1.65 | 1.42 | PLPRE-. 21b | P4 right |
| SLP29PR-1706 | 1.98 | 1.80 | PLPRE-. 21c | m1 left |
| UMPRE- 128 | 1.85 | 1.77 | PLPRE-. 21f | m2 right |
| SLP29PR-552 | 2.10 | 1.56 | PLPRE-. 21g | m3 right |
| SLP29PR-418 | 1.60 | 2.01 | PLPRE-. 21h | D4 right |
| SLP29PR-1715 | 1.55 | 1.79 | PLPRE-. 21i | P4 right |
| SLP43PR-280 | 1.78 | 1.96 | PLPRE-. 21j | M1 right |
| SLP29PR-1770 | 1.72 | 1.88 | PLPRE-. 21k | M2 left |
| SLP29PR-2137 | 1.85 | 1.77 | PLPRE-. 21l | M3 left |
| SLP29PR-858 | 1.77 | 1.93 | PLPRE-. 21m | M1, fragmentary maxillary |
|  | | | | |
|  | | **Upper teeth** | | |
|  | | | **Hemi-maillary** | |
| SLP29PR-960 |  |  | **Fig. 61 A** | Right with M1 to M3 |
|  |  |  | **D4** | |
| SLP29PR-418 | 1.60 | 2.01 | PLPRE-. 22i **Fig. 59A** | D4 right |
|  |  |  | **P4** | |
| SLP29PR-447 | 1.59 | 1.78 | previously ref. to M1 of *hautefeuillei* | P4 right |
| PLPRE-540 | 1.48 | - |  | P4 left |
| PLPRE-1106 | 1.58 | 1.76 |  | P4 right |
| SLP29PR-71 | 1.69 | 1.92 | **Fig. 60 E** | P4 right |
| SLP29PR-80 | 1.52 | 1.82 |  | P4 left |
| SLP29PR-118 | 1.61 | 1.97 |  | P4 left |
| SLP29PR-194 | 1.56 | 1.95 | **Fig. 60 H** | P4 left |
| SLP29PR-269 | 1.73 | 1.95 | **Fig. 60 J** | P4 right |
| SLP29PR-307 | 1.60 | 1.96 | **Fig. 60 I** | P4 left |
| SLP29PR-366 | 1.59 | 1.84 |  | P4 left |
| SLP29PR-609 | 1.55 | 1.87 |  | P4 left |
| SLP29PR-900 | 1.52 | 1.80 |  | P4 right |
| SLP29PR-1584 | 1.55 | 1.81 | **Fig. 60 G** | P4 right |
| SLP29PR-1607 | 1.66 | 1.88 |  | P4 left |
| SLP29PR-1609 | 1.63 | 1.89 |  | P4 right |
| SLP29PR-1715 | 1.55 | 1.79 |  | P4 right |
| SLP29PR-1781 | 1.55 | 1.83 |  | P4 right |
| SLP29PR-2043 | 1.66 | 1.89 |  | P4 left |
| SLP243PR-304 | 1.52 | 1.90 |  | P4 left |
|  |  |  | **M1** |  |
| PLPRE-111 | 1.79 | 1.99 | previously ref. to a M2 | M1 right |
| PLPRE-128 | 1.61 | 1.97 |  | M1 right |
| PLPRE-542 | 1.79 | 2.07 | **Fig. 62 F** | M1 left |
| PLPRE-968 | 1.69 | 1.91 |  | M1 right |
| PLPRE-1022 | 1.84 | 2.05 | **Fig. 62 C** | M1 left |
| PLPRE-1034 | 1.77 | 1.91 | previously ref. to a M2 | M1 left |
| PLPRE-1053 | 1.62 | 1.91 |  | M1 right |
| PLPRE-1110 | 1.65 | 1.89 |  | M1 right |
| PLPRE-1111 | 1.68 | 1.93 |  | M1 right |
| SLP29PR-18 | 1.76 | 1.89 | previously ref. to a M2 | M1 right |
| SLP29PR-278 | 1.81 | 1.84 | previously ref. to a M2 | M1 right |
| SLP29PR-316 | 1.75 | 2.04 |  | M1 right |
| SLP29PR-351 | 1.78 | 2.09 |  | M1 right |
| SLP29PR-435 | 1.75 | 1.85 |  | M1 left |
| SLP29PR-464 | 1.65 | 1.98 |  | M1 right |
| SLP29PR-471 | 1.74 | 1.91 | **Fig. 62 A** | M1 left |
| SLP29PR-482 | 1.70 | 1.85 |  | M1 left |
| SLP29PR-487 | 1.83 | 1.91 |  | M1 right |
| SLP29PR-578 | - | - |  | M1 left |
| SLP29PR-809 | 1.75 | 1.90 | previously ref. to a M2 | M1 right |
| SLP29PR-858 | 1.77 | 1.93 |  | M1 right |
| SLP29PR-862 | 1.76 | 1.93 | previously ref. to a M2 | M1 left |
| SLP29PR-960a | 1.78 | 2.13 |  | M1 right |
| SLP29PR-1106 | 1.82 | 1.95 | previously ref. to a M2 | M1 right |
| SLP29PR-1255 | 1.62 | 1.89 |  | M1 right |
| SLP29PR-1578 | 1.73 | 1.88 | **Fig. 62 B** | M1 right |
| SLP29PR-1598 | 1.78 | 2.05 |  | M1 right |
| SLP29PR-1642 | 1.80 | 2.09 | **Fig. 62 D** | M1 left |
| SLP29PR-1839 | 1.83 | 2.01 |  | M1 right |
| SLP29PR-1840 | 1.69 | 2.07 |  | M1 left |
| SLP29PR-2127 | 1.72 | 2.01 |  | M1 right |
| SLP29PR-2221 | 1.82 | 2.05 |  | M1 left |
| SLP29PR-2366 | 1.83 | 1.89 | previously ref. to a M2 | M1 left |
| SLP43PR-56 | 1.93 | 1.84 | previously ref. to a M2 **Fig. 62 E** | M1 right |
| SLP43PR-63 | 1.83 | 1.81 | previously ref. to a M2 | M1 left |
| SLP43PR-204 | 1.72 | 1.91 |  | M1 right |
| SLP43PR-280 | 1.78 | 1.96 |  | M1 right |
| MSPRE 146 | - | 1.93 |  | M1 left |
| UMPRE- 123 | 1.66 | 1.83 |  | M1 left |
|  |  |  | **M2** | |
| PLPRE-54 | 1.70 | 1.82 |  | M2 right |
| PLPRE-393 | 1.68 | 1.98 |  | M2 left |
| PLPRE-446 | - | 1.93 |  | M2 right |
| PLPRE-535 | 1.85 | 1.87 |  | M2 right |
| PLPRE-558 | - | 2.04 |  | M2 right |
| PLPRE-605 | 1.71 | 1.93 |  | M2 left |
| PLPRE-780 | 1.89 | - |  | M2 left |
| PLPRE-782 | 1.71 | 1.89 |  | M2 left |
| PLPRE-977 | 1.78 | 1.92 |  | M2 right |
| PLPRE-1004 | 1.81 | 1.99 |  | M2 right |
| PLPRE-1036 | 1.85 | 2.01 |  | M2 right |
| PLPRE-1052 | 1.73 | - |  | M2 left |
| PLPRE-1082 | 1.78 | - |  | M2 right |
| PLPRE-1083 | 1.74 | 1.97 |  | M2 right |
| PLPRE-1120 | 1.72 | 1.95 | **Fig 64 A** | M2 right |
| SLP27PR-336 | 1.76 | 1.89 |  | M2 right |
| SLP29PR-272 | 1.79 | 1.99 |  | M2 right |
| SLP29PR-276 | 1.76 | 1.86 |  | M2 right |
| SLP29PR-348 | 1.72 | 1.94 |  | M2 left |
| SLP29PR-434 | 1.74 | 1.90 |  | M2 right |
| SLP29PR-475 | - | - | Badly preserved | M2 left |
| SLP29PR-519 | 1.92 | - |  | M2 right |
| SLP29PR-526 | 1.68 | 1.86 |  | M2 left |
| SLP29PR-534 | - | - |  | M2 left |
| SLP29PR-620 | 1.76 | - |  | M2 right |
| SLP29PR-785 | 1.73 | 1.95 |  | M2 left |
| SLP29PR-862 | 1.76 | 1.93 |  | M2 left |
| SLP29PR-1114 | 1.84 | - |  | M2 left |
| SLP29PR-1124 | 1.90 | 2.02 |  | M2 right |
| SLP29PR-1127 | - | - | Badly preserved | M2 right |
| SLP29PR-1577 | - | - | Badly preserved | M2 right |
| SLP29PR-1643 | 1.74 | 1.82 |  | M2 left |
| SLP29PR-1766 | - | - | Badly preserved | M2 left |
| SLP29PR-1770 | 1.72 | 1.88 |  | M2 left |
| SLP29PR-1821 | 1.74 | 1.89 |  | M2 left |
| SLP29PR-1826 | 1.77 | 1.90 |  | M2 right |
| SLP29PR-1986 | 1.76 | 1.93 |  | M2 right |
| SLP29PR-2124 | 1.76 | 1.80 |  | M2 left |
| SLP29PR-2242 | 1.81 | 2.11 | **Fig 64 C** | M2 right |
| SLP29PR-2250 | 1.81 | 1.97 | previously ref. to a M1 | M2 left |
| SLP43PR-53 | 1.76 | 1.98 | **Fig 64 D** | M2 left |
| SLP43PR-168 | - | 1.89 |  | M2 right |
| SLP43PR-216 | 1.68 | 1.87 | **Fig 64 B** | M2 left |
| MSPRE 173 | 1.77 | 1.95 |  | M2 left |
| UMPRE- 125 | 1.62 | 1.97 | previously ref. to a M1 | M2 right |
|  |  |  | **M3** | |
| PLPRE-534 |  |  | **Fig 64 F** |  |
| PLPRE-666 | 1.72 | 1.62 |  | M3 right |
| PLPRE-821 | 1.94 | 1.80 | **Fig 64 H** | M3 left |
| PLPRE-928 | 1.75 | 1.75 |  | M3 left |
| SLP29PR-355 | 1.80 | 1.53 | out of the distribution of *H. m*. and *H. h* | M3 right |
| SLP29PR-919 | 1.73 | 1.80 |  | M3 right |
| SLP29PR-960c | 1.89 | 1.76 |  | M3 right |
| SLP29PR-1042 | 1.69 | 1.67 |  | M3 left |
| SLP29PR-1131 | 1.92 | 1.93 | **Fig 64 J** | M3 right |
| SLP29PR-1959 | 1.73 | 1.67 |  | M3 right |
| SLP29PR-2137 | 1.85 | 1.77 |  | M3 left |
| SLP29PR-2175 | 1.78 | 1.84 |  | M3 left |
| SLP43PR-57 | 1.78 | 1.86 |  | M3 left |
| MSPRE 150 | 1.81 | 1.76 |  | M3 right |
| MSPRE 156 | 1.84 | 1.72 | **Fig 64 I** | M3 right |
|  | **Lower teeth** | | | |
|  |  |  | **d4** | |
| SLP29PR-1615 | ? | ? | lost . **Fig 65 G** | d4 right |
| SLP27PR-912 | 1.63 | 1.32 | fig Escarguel 1999 **Fig 65 E** | d4, right |
| SLP29PR-2012 | 1.54 | 1.20 | **Fig 65 D** | d4, right fragmentary dentary |
| SLP29PR-2173 | 1.49 | 1.23 | **Fig 65 F** | d4 left |
|  |  |  | **p4** | |
| SLP27PR-4 | 1.65 | 1.42 | Fig.21b Escarguel 1999 **Fig 66 D** | p4 right |
| SLP29PR-312 | 1.66 | 1.52 | **Fig 66 C** | p4 right |
| SLP29PR-1796 | - | 1-39 |  | p4 right |
| SLP29PR-2330 | 1.75 | - |  | p4 right |
| MSPRE 147 | 1.71 | 1.35 |  | p4 left |
|  |  |  | **m1** | |
| PLPRE-90 | 1.86 | 1.68 |  | m1 left |
| PLPRE-91 | 1.86 | 1.68 |  | m1 right |
| PLPRE-543 | 1.77 | 1.62 |  | m1 left |
| PLPRE-555 | 1.71 | 1.81 |  | m1 right |
| PLPRE-882 | 1.98 | 1.81 |  | m1 left |
| PLPRE-1033 | 1.87 | 1.73 |  | m1 right |
| PLPRE-1035 | - | - | Badly preserved | m1 right |
| PLPRE-1107 | 1.85 | 1.74 | **Fig. 68 C** | m1 left |
| PLPRE-1112 | 1.78 | 1.75 |  | m1 right |
| PLPRE-1291 | 1.80 | 1.69 |  | m1 right |
| SLP29PR-199 | 1.75 | 1.59 | **Fig. 68 D** | m1 right |
| SLP29PR-203 | 1.96 | 1.79 |  | m1 left |
| SLP29PR-241 | 1.78 | 1.62 |  | m1 left |
| SLP29PR-368 | 1.76 | 1.66 |  | m1 right |
| SLP29PR-423 | 1.78 | 1.64 | Previously referred to m2 of *H. hautefeuillei* | m2 left |
| SLP29PR-571 | 1.73 | 1.62 | **Fig. 68 A** | m1 right |
| SLP29PR-929 | 1.96 | 1.71 |  | m1 right |
| SLP29PR-1690 | 1.80 | 1.69 |  | m1 left |
| SLP29PR-1706 | 1.99 | 1.80 |  | m1 left |
| SLP29PR-1780 | 1.81 | - |  | m1 left |
| SLP43PR-289 | 1.76 | 1.69 |  | m1 left |
| MSPRE 9 | 1.79 | 1.70 |  | m1 right |
| MSPRE 12 | 1.80 | 1.66 |  | m1 left |
| UMPRE- 132 | 1.86 | 1.71 |  | m1 left |
| UMPRE-134 | 1.71 | 1.71 | Previously ref. to m2 of *H. hautefeuillei* **Fig. 68 B** | m1 right |
| UMPRE- 135 | 1.64 | 1.61 |  | m1 right |
|  |  |  | **m1 not m2** | |
| SLP29PR-201 | 1.82 | 1.71 | Previously referred to m2 | m1 left |
| SLP29PR-484 | 1.76 | 1.77 | Id. | m1 right |
| SLP29PR-520 | 1.87 | 1.74 | Id. | m1 left |
| SLP29PR-1153 | 1.80 | 1.80 | Id. | m1 right |
| SLP29PR-1657 | 1.77 | 1.76 | Id. | m1 right |
| SLP29PR-1797 | 1.78 | 1.75 | Id. | m1 right |
| SLP29PR-2123 | 1.76 | 1.78 | Id. | m1 left |
| SLP43PR-208 | 1.84 | 1.82 | Id. | m1 left |
| SLP43PR-271 | 1.83 | 1.82 | Id. | m1 right |
| SLP43PR-293 | 1.82 | 1.74 | Id. | m1 right |
|  |  |  | **m2** | |
| PLPRE-141 | 1.92 | 1.86 |  | m2 right |
| PLPRE-399 | 1.85 | 1.75 |  | m2 right |
| PLPRE-421 | 1.76 | 1.70 |  | m2 right |
| PLPRE-940 | 1.89 | 1.72 |  | m2 left |
| PLPRE-954 | 1.94 | 1.75 |  | m2 left |
| PLPRE-1055 | 1.73 | 1.85 |  | m2 left |
| PLPRE-1108 | 1.80 | 1.67 |  | m2 left |
| SLP27PR-316 | 1.81 | - |  | m2 left |
| SLP27PR-319 | 1.85 | 1.67 |  | m2 left |
| SLP27PR-339 | 1.89 | 1.74 |  | m2 left |
| SLP29PR-202 | 1.93 | 1.74 | **Fig. 69 B** | m2 left |
| SLP29PR-330 | 1.88 | 1.76 |  | m2 right |
| SLP29PR-406 | 1.82 | 1.79 |  | m2 left |
| SLP29PR-460 | 1.85 | 1.91 |  | m2 left |
| SLP29PR-498 | 1.84 | 1.78 | **Fig. 69 A, holotype** | m2 right |
| SLP29PR-512 | 1.90 | 1.80 |  | m2 left |
| SLP29PR-546 | 1.82 | 1.84 |  | m2 right |
| SLP29PR-783 | 1.83 | 1.72 |  | m2 right |
| SLP29PR-815 | 1.88 | 1.75 | previously ref. to a m3 | m2 right |
| SLP29PR-1135 | 1.79 | - |  | m2 right |
| SLP29PR-1146 | 1.95 | 1.85 |  | m2 left |
| SLP29PR-1345 | 1.75 | - |  | m2 right |
| SLP29PR-1454 | 1.93 | 1.78 | **Fig. 69 C** | m2 right |
| SLP29PR-1622 | 1.89 | 1.78 |  | m2 right |
| SLP29PR-1655 | 1.94 | 1.98 | **Fig. 69 D** | m2 right |
| SLP29PR-1714 | 1.78 | 1.71 |  | m2 left |
| SLP29PR-1769 | - | 1.88 |  | m2 right |
| SLP29PR-1782 | - | - | Badly preserved | m2 left |
| SLP29PR-1788 | 1.87 | 1.84 |  | m2 right |
| SLP29PR-2091 | 1.98 | 1.97 |  | m2 right |
| SLP29PR-2105 | 1.80 | - |  | m2 left |
| SLP29PR-2119 | 1.76 | 1.77 |  | m2 right |
| SLP29PR-2136 | 1.93 | 1.93 |  | m2 right |
| SLP29PR-2185 | 1.96 | 1.77 |  | m2 left |
| SLP29PR-2227 | 1.98 | 1.92 |  | m2 right |
| SLP29PR-2267 | 1.82 | 1.82 |  | m2 left |
| SLP29PR-2316 | 1.92 | 1.72 |  | m2 left |
| SLP43PR-62 | 1.98 | 1.88 |  | m2 left |
| SLP43PR-120 | 1.94 | 1.86 |  | m2 right |
| UMPRE- 130 | 1.81 | 1.84 |  | m2 right |
| UMPRE- 131 | 2.02 | 1.89 |  | m2 left |
| UMPRE- 139 | 1.70 | 1.76 |  | m2 left |
|  |  |  | **m3** | |
| PLPRE-92 | 2.03 | 1.78 |  | m3 left |
| PLPRE-140 | 2.04 | 1.61 |  | m3 left |
| PLPRE-144 | 1.96 | 1.53 | previously referred to *hautefeuillei* | m3 left |
| PLPRE-1054 | 1.91 | 1.41 |  | m3 right |
| SLP27PR-14 | 2.08 | 1.69 |  | m3 right |
| SLP27PR-206 | 2.12 | 1.63 |  | m3 left |
| SLP29PR-200 | 1.84 | 1.62 |  | m3 right |
| SLP29PR-473 | 2.16 | 1.63 | **Fig. 70 G** | m3 right |
| SLP29PR-552 | 2.10 | 1.56 | **Fig. 70 E** | m3 right |
| SLP29PR-664 | 2.16 | 1.70 |  | m3 right |
| SLP29PR-814 | 2.12 | 1.78 |  | m3 left |
| SLP29PR-930 | 2.07 | 1.58 | **Fig. 70 F** | m3 right |
| SLP29PR-1139 | 1.94 | 1.56 |  | m3 right |
| SLP29PR-1250 | 2.12 | 1.53 |  | m3 left |
| SLP29PR-1600 | 1.92 | 1.97 |  | m3 right |
| SLP29PR-1716 | 2.10 | 1.49 |  | m3 left |
| SLP29PR-2229 | 2.05 | 1.66 |  | m3 left |
| SLP29PR-2309 | 1.98 | 1.44 |  | m3 right |
| SLP29PR-2325 | 1.98 | 1.52 |  | m3 right |
| SLP29PR-2367 | 1.95 | 1.46 |  | m3 left |
|  | | | | |
| ***? Masillamys parvus*** | | | | |
| SLP43PR-287 | 1.90 | 2.20 | previously *H. marandati* **Fig. 62 G** | M1 left |
| ***Hartenbergeromys* sp. indet.** | | | | |
| UMPRE- 119 | 1.29 | 1.78 | **Fig. 60 D** | P4 |
| SLP29PR-1687 | 1.30 | 1.06 |  | d4 left |
| SLP29PR-2147 | 1.44 | 1.35 | **Fig. 67 E *H. hautefeuillei?*** | m1? left |
| **cf morphology of Gen sp indet from Avenay** | | | | |
| SLP29PR-2235 | 2.3 | 1.75 |  | m1 left |