G2953_GTRGAMMA_ML_tree Cerc_Adenolobus_garipensis_1053260 Cerc_Adenolobus_garipensis_1053256 9<u>6</u> Cerc_Adenolobus_garipensis_1053261 96 Papi_Erinacea_anthyllis_1152076 98 Cerc_Adenolobus_garipensis_1053257 Papi_Pultenaea_villosa_1058186 Cerc_Adenolobus_garipensis_1053259 99 98 Papi_Pultenaea_villosa_1058185 Papi_Austrosteenisia_blackii_1016640 Papi_Hippocrepis_comosa_1011750 Papi_Hippocrepis_comosa_1011745 Papi_Erinacea_anthyllis_1215688 98 Papi_Pultenaea_villosa_1058184 Papi_Erinacea_anthyllis_1179553 Cerc_Adenolobus_garipensis_1053258 Papi_Pultenaea_villosa_1058178 Papi_Pultenaea_villosa_1058181 Papi_Pultenaea_villosa_1058180 Papi_Myroxylon_toluiferum_1050811 Papi_Pultenaea_villosa_1032623 Papi_Pultenaea_villosa_1032618 194 9<u>9</u> 8<u>3</u> Papi_Erinacea_anthyllis_1163603 Papi_Dipteryx_odorata_1026284 94 98 ·Papi_Genista_sagittalis_1066971 Papi_Erinacea_anthyllis_1313443 Papi_Pultenaea_villosa_1050172 ·Cerc_Adenolobus_garipensis_1110143 Cerc_Adenolobus_garipensis_1110141 9<u>1</u> Papi_Pultenaea_villosa_1052532 4<u>6</u> Papi_Pultenaea_villosa_1052533 Papi_Pultenaea_villosa_1032625 8<u>2</u> Papi_Pultenaea_villosa_1032624 -Papi_Pultenaea_villosa_1032626 Cerc_Adenolobus_garipensis_1110150 Papi_Hippocrepis_comosa_1001636 ·Papi_Jacksonia_scoparia_1036988 97 Papi_Erinacea_anthyllis_1163610 Papi_Erinacea_anthyllis_1163609 Papi_Erinacea_anthyllis_1163614 Papi_Pultenaea_villosa_1038416 Papi_Pultenaea_villosa_1038417 Papi_Pultenaea_villosa_1038415 9<u>9</u> -Papi_Austrosteenisia_blackii_1060899 Papi_Pultenaea_villosa_1039930 Papi_Pultenaea_villosa_1039929 Papi_Pultenaea_villosa_1039932 Papi_Pultenaea_villosa_1039931 Papi_Erinacea_anthyllis_1177777 Papi_Erinacea_anthyllis_1177778 Papi_Erinacea_anthyllis_1177779 9<u>7</u> Papi_Erinacea_anthyllis_1163611 ·Papi_Gastrolobium_praemorsum_1018804 ·Papi_Aganope_thyrsiflora_1038033 Papi_Jacksonia_scoparia_1039350 Papi_Pultenaea_villosa_1032633 Papi_Pultenaea_villosa_1038408 5<u>6</u> Papi_Pultenaea_villosa_1032632 Papi_Pultenaea_villosa_1032628 98 Papi_Erinacea_anthyllis_1202671 ·Papi_Erinacea_anthyllis_1227953 Papi_Cytisus_filipes_1009652 Caes_Umtiza_listeriana_1041857 99 9<u>4</u> Papi_Erinacea_anthyllis_1243259 Cerc_Adenolobus_garipensis_1110144 <u>99</u> Papi_Erinacea_anthyllis_1177785 Papi_Erinacea_anthyllis_1245586 Papi_Pultenaea_villosa_1038423 Papi_Austrosteenisia_blackii_1041246 95 Papi_Jacksonia_scoparia_1036985 Papi_Gastrolobium_praemorsum_1054722 91 9<u>1</u> -Dial_Dialium_schlechteri_1039950 96 Papi_Austrosteenisia_blackii_1046208 92 Cerc_Adenolobus_garipensis_1110146 Papi_Austrosteenisia_blackii_1046211 Papi_Pultenaea_villosa_1086609 Papi_Pultenaea_villosa_1171729 9<u>9</u> Papi_Erinacea_anthyllis_1015281 8<u>0</u> Papi_Pultenaea_villosa_1007302 -Papi_Erinacea_anthyllis_1177780 Papi_Erinacea_anthyllis_1243268 Papi_Erinacea_anthyllis_1243264 8<u>0</u> Cerc_Adenolobus_garipensis_1110140 Papi_Erinacea_anthyllis_1243272 Papi_Erinacea_anthyllis_1243270 Papi_Erinacea_anthyllis_1177781 Papi_Pultenaea_villosa_1050161 Papi_Pultenaea_villosa_1050164 Papi_Pultenaea_villosa_1050165 Papi_Erinacea_anthyllis_1189863 Papi_Erinacea_anthyllis_1249253 Papi_Erinacea_anthyllis_1249250 8<u>9</u> Papi_Erinacea_anthyllis_1243269 6<u>9</u> Papi_Erinacea_anthyllis_1249251 97 Papi_Erinacea_anthyllis_1215692 9<u>6</u> Papi_Erinacea_anthyllis_1249252 ·Papi_Erinacea_anthyllis_1243273 9<u>6</u> ·Papi_Erinacea_anthyllis_1243271 98 -Papi_Erinacea_anthyllis_1189864 Papi_Pultenaea_villosa_1039933 ·Cerc_Adenolobus_garipensis_1053253 Papi_Erinacea_anthyllis_1215690 Papi_Erinacea_anthyllis_1215689 9<u>1</u> Papi_Pultenaea_villosa_1038412 7<u>5</u> Cerc_Adenolobus_garipensis_1053254 -Cerc_Adenolobus_garipensis_1053251 89 Papi_Austrosteenisia_blackii_1046210 Papi_Austrosteenisia_blackii_1046212 Papi_Austrosteenisia_blackii_1054773 Papi_Dipteryx_odorata_1026273 98 Papi_Dipteryx_odorata_1026271 91 Papi_Dipteryx_odorata_1026275 Papi_Erinacea_anthyllis_1202668 ·Papi_Erinacea_anthyllis_1245585 Papi_Hippocrepis_comosa_1001635 32 ·Cerc_Adenolobus_garipensis_1108948 46 ·Papi_Erinacea_anthyllis_1202669 Papi_Gastrolobium_praemorsum_1023276 99 Papi_Pultenaea_villosa_1052547 Papi_Erinacea_anthyllis_1310380 Papi_Erinacea_anthyllis_1179548 9<u>4</u> Papi_Gastrolobium_praemorsum_1054721 Papi_Gastrolobium_praemorsum_1029898 Papi_Gastrolobium_praemorsum_1029897 Papi_Pultenaea_villosa_1052543 Papi_Pultenaea_villosa_1052542 Papi_Pultenaea_villosa_1039934 Papi_Pultenaea_villosa_1032630 Papi_Gastrolobium_praemorsum_1027290 5<u>0</u> Papi_Gastrolobium_praemorsum_1027291 Papi_Erinacea_anthyllis_1089894 Caes_Umtiza_listeriana_1054557 -Papi_Gastrolobium_praemorsum_1048448 Cerc_Adenolobus_garipensis_1093841 Papi_Austrosteenisia_blackii_1062309 Papi_Erinacea_anthyllis_1020509 9<u>6</u> Papi_Gastrolobium_praemorsum_1025597 38 Papi_Pultenaea_villosa_1038404 Papi_Pultenaea_villosa_1000513 96 Papi_Austrosteenisia_blackii_1010704 Papi_Erinacea_anthyllis_1257437 Papi_Gastrolobium_praemorsum_1031880 Caes_Umtiza_listeriana_1003712 Caes_Umtiza_listeriana_1006944 Caes_Umtiza_listeriana_1006945 Caes_Umtiza_listeriana_1003781 36 Papi_Erinacea_anthyllis_1202378 39 Papi_Erinacea_anthyllis_1089892 40 Papi_Apios.181740 Cerc_Adenolobus_garipensis_1093834 Papi_Pultenaea_villosa_1052544 ·Papi_Gastrolobium_praemorsum_1027289 Papi_Erinacea_anthyllis_1202372 9<u>9</u> Papi_Erinacea_anthyllis_1202373 Papi_Erinacea_anthyllis_1202369 ·Papi_Pultenaea_villosa_1038409 Papi_Pultenaea_villosa_1041939 9<u>9</u> Papi_Erinacea_anthyllis_1179567 Papi_Pultenaea_villosa_1087674 Papi_Erinacea_anthyllis_1189862 Papi_Erinacea_anthyllis_1314251 8<u>4</u> Papi_Erinacea_anthyllis_1243274 ·Papi_Hippocrepis_comosa_1048210 99 <u>51</u> ·Papi_Erinacea_anthyllis_1249248 ·Papi_Erinacea_anthyllis_1179549 99 Caes_Umtiza_listeriana_1041858 ·Cerc_Adenolobus_garipensis_1093825 Papi_Apios.24687 Papi_Apios.189209 ·Papi_Erinacea_anthyllis_1200364 4<u>0</u> Papi_Erinacea_anthyllis_1249241 Cerc_Adenolobus_garipensis_1027916 ·Papi_Gastrolobium_praemorsum_1023278 Papi_Cytisus_filipes_1009655 9<u>9</u> Papi_Cytisus_filipes_1009651 Papi_Aganope_thyrsiflora_1001026 Papi_Austrosteenisia_blackii_1046213 Papi_Austrosteenisia_blackii_1046209 Cerc_Cergi.GAOK01065614.1 8<u>5</u> ·Caes_Gleditsia_japonica_1030661 63 Papi_Pultenaea_villosa_1052549 Papi_Gastrolobium_praemorsum_1021475 Papi_Austrosteenisia_blackii_1064967 Papi_Gastrolobium_praemorsum_1021480 ·Dial_Dialium_schlechteri_1038753 -Papi_Austrosteenisia_blackii_1046215 Papi_Austrosteenisia_blackii_1046214 91 ·Dial_Dialium_schlechteri_1039813 Papi_Dipteryx_odorata_1003270 Papi_Pultenaea_villosa_1150976 Papi_Gastrolobium_praemorsum_1025598 Papi_Pultenaea_villosa_1038422 Papi_Pultenaea_villosa_1038420 Papi_Pultenaea_villosa_1038419 Papi_Pultenaea_villosa_1038421 8<u>9</u> Papi_Gastrolobium_praemorsum_1021474 Papi_Pultenaea_villosa_1038410 99 Papi_Pultenaea_villosa_1038411 Papi_Genista_sagittalis_1061253 79 ·Papi_Erinacea_anthyllis_1243275 80 Papi_Erinacea_anthyllis_1202675 Papi_Trischidium_molle_1044284 96 90 ·Papi_Erinacea_anthyllis_1249239 ·Papi_Erinacea_anthyllis_1249254 74 -Papi_Erinacea_anthyllis_1156847 ·Papi_Gastrolobium_praemorsum_1023277 Papi_Erinacea_anthyllis_1249238 Papi_Erinacea_anthyllis_1227946 4<u>8</u> Papi_Erinacea_anthyllis_1215691 40 Papi_Erinacea_anthyllis_1249240

Noth_Nothofagus_antarctica_1040128