G3665_GTRGAMMA_ML_tree Papi_Erinacea_anthyllis_1160323 Papi_Erinacea_anthyllis_1160324 99 Papi_Erinacea_anthyllis_1322878 9<u>7</u> Papi_Gastrolobium_praemorsum_1077721 Papi_Cullen_corylifolia_1039450 Papi_Pultenaea_villosa_1047423 Papi_Pultenaea_villosa_1047422 96 8<u>8</u> Papi_Erinacea_anthyllis_1025915 Papi_Erinacea_anthyllis_1181371 Papi_Erinacea_anthyllis_1181370 98 99 Papi_Pultenaea_villosa_1177560 Papi_Pultenaea_villosa_1177559 97 Cerc_Adenolobus_garipensis_1146519 Papi_Erinacea_anthyllis_1199088 Papi_Gastrolobium_praemorsum_1081178 Papi_Gastrolobium_praemorsum_1095373 99 8<u>8</u> Papi_Erinacea_anthyllis_1083830 Papi_Pultenaea_villosa_1167039 7<u>8</u> -Papi_Erinacea_anthyllis_1045321 -Papi_Erinacea_anthyllis_1061877 9<u>6</u> 86 Papi_Gastrolobium_praemorsum_1077845 ·Papi_Erinacea_anthyllis_1012189 99 Papi_Erinacea_anthyllis_1027570 9<u>9</u> Papi_Gastrolobium_praemorsum_1073823 Papi_Pultenaea_villosa_1047425 Papi_Jacksonia_scoparia_1057621 Papi_Erinacea_anthyllis_1398982 90 Papi_Apios.181024 Papi_Erinacea_anthyllis_1181383 Papi_Gastrolobium_praemorsum_1021173 ·Cerc_Adenolobus_garipensis_1111040 9<u>9</u> Cerc_Adenolobus_garipensis_1111039 9<u>7</u> Papi_Pultenaea_villosa_1047427 6<u>2</u> Cerc_Adenolobus_garipensis_1111042 8<u>4</u> ·Cerc_Adenolobus_garipensis_1111041 97 Papi_Pultenaea_villosa_1047426 Papi_Jacksonia_scoparia_1056609 Papi_Pultenaea_villosa_1047430 -Papi_Pultenaea_villosa_1047428 9<u>1</u> Papi_Pultenaea_villosa_1047429 ·Cerc_Adenolobus_garipensis_1062611 ·Cerc_Adenolobus_garipensis_1022189 Cerc_Adenolobus_garipensis_1111043 78 -Papi_Erinacea_anthyllis_1330329 Papi_Erinacea_anthyllis_1278775 -Papi_Gastrolobium_praemorsum_1021167 67 Papi_Erinacea_anthyllis_1160319 6<u>9</u> 7<u>7</u> ·Cerc_Adenolobus_garipensis_1062609 ·Cerc_Adenolobus_garipensis_1114801 Papi_Erinacea_anthyllis_1199098 9<u>8</u> Caes_Umtiza_listeriana_1052086 96 Papi_Gastrolobium_praemorsum_1002874 ·Cerc_Adenolobus_garipensis_1111046 Papi_Pultenaea_villosa_1099035 3<u>8</u> 8<u>1</u> Papi_Gastrolobium_praemorsum_1098669 Papi_Jacksonia_scoparia_1058043 9<u>5</u> Papi_Jacksonia_scoparia_1003383 Papi_Dipteryx_odorata_1049715 Papi_Pultenaea_villosa_1047431 Papi_Gastrolobium_praemorsum_1006211 ·Papi_Jacksonia_scoparia_1031748 92 Papi_Pultenaea_villosa_1047432 Papi_Erinacea_anthyllis_1051883 90 Papi_Jacksonia_scoparia_1000299 Papi_Hippocrepis_comosa_1000332 9<u>9</u> -Papi_Erinacea_anthyllis_1199089 8<u>7</u> -Papi_Gastrolobium_praemorsum_1013943 8<u>7</u> -Papi_Erinacea_anthyllis_1199094 Papi_Erinacea_anthyllis_1199092 Papi_Erinacea_anthyllis_1199091 Papi_Erinacea_anthyllis_1199082 Papi_Erinacea_anthyllis_1199083 Papi_Erinacea_anthyllis_1199093 Papi_Erinacea_anthyllis_1160318 Papi_Erinacea_anthyllis_1199090 ·Papi_Gastrolobium_praemorsum_1021169 Papi_Gastrolobium_praemorsum_1076739 Papi_Gastrolobium_praemorsum_1013942 5<u>7</u> Papi_Gastrolobium_praemorsum_1013941 Papi_Erinacea_anthyllis_1181378 Papi_Erinacea_anthyllis_1181377 ·Papi_Hippocrepis_comosa_1000333 -Papi_Astragalus_lentiginosus_1002676 95 Cerc_Adenolobus_garipensis_1062610 Cerc_Adenolobus_garipensis_1062608 Papi_Gastrolobium_praemorsum_1068275 96 └Papi_Austrosteenisia_blackii_1034773 -Papi_Austrosteenisia_blackii_1034771 Papi_Erinacea_anthyllis_1160321 99 Papi_Erinacea_anthyllis_1160322 Papi_Erinacea_anthyllis_1160320 Papi_Erinacea_anthyllis_1181375 9<u>6</u> -Papi_Austrosteenisia_blackii_1034772 93 Cerc_Adenolobus_garipensis_1114802 88 ·Papi_Hippocrepis_comosa_1049166 Papi_Erinacea_anthyllis_1181376 81 Papi_Austrosteenisia_blackii_1010165 -Papi_Pultenaea_villosa_1030085 Papi_Pultenaea_villosa_1030084 98 Papi_Pultenaea_villosa_1030083 98 Papi_Gastrolobium_praemorsum_1062397 Papi_Gastrolobium_praemorsum_1005881 7<u>9</u> Papi_Gastrolobium_praemorsum_1005882 -Papi_Gastrolobium_praemorsum_1021172 Papi_Austrosteenisia_blackii_1018504 99 Papi_Austrosteenisia_blackii_1018502 9<u>4</u> Papi_Gastrolobium_praemorsum_1096839 9<u>2</u> -Papi_Austrosteenisia_blackii_1000014 98 Papi_Gastrolobium_praemorsum_1095354 Papi_Austrosteenisia_blackii_1001746 Papi_Austrosteenisia_blackii_1001745 Papi_Cytisus_filipes_1012946 -Papi_Otholobium_arborescens_1030486 Papi_Castanospermum_australe_1063431 91 Papi_Erinacea_anthyllis_1064451 Papi_Glycyrrhiza_uralensis_1020992 9<u>2</u> Papi_Erinacea_anthyllis_1026461 -Papi_Myroxylon_toluiferum_1058888 Papi_Erinacea_anthyllis_1317970 Papi_Erinacea_anthyllis_1199095 99 Papi_Erinacea_anthyllis_1199096 -Papi_Erinacea_anthyllis_1062047 Papi_Gastrolobium_praemorsum_1001440 93 Papi_Pultenaea_villosa_1047424 Papi_Gastrolobium_praemorsum_1095491 Papi_Erinacea_anthyllis_1339745 -Papi_Hippocrepis_comosa_1047355 67 Papi_Pultenaea_villosa_1173211 Papi_Jacksonia_scoparia_1054247 -Papi_Jacksonia_scoparia_1057045 9<u>2</u> 6<u>6</u> Papi_Spatholobus_suberectus_1031503 Caes_Umtiza_listeriana_1002490 Papi_Gastrolobium_praemorsum_1001703 Papi_Cytisus_filipes_1049944 ·Papi_Gastrolobium_praemorsum_1080781 99 Papi_Hippocrepis_comosa_1042858 9<u>4</u> Papi_Myroxylon_toluiferum_1042208 59 Papi_Dipteryx_odorata_1000926 Papi_Spatholobus_suberectus_1029321 Papi_Gastrolobium_praemorsum_1018170 Papi_Erinacea_anthyllis_1062048 3<u>2</u> 4<u>7</u> -Papi_Erinacea_anthyllis_1270054 Papi_Pultenaea_villosa_1131870 8<u>9</u> Papi_Gastrolobium_praemorsum_1077916 Papi_Trischidium_molle_1048967 Papi_Pultenaea_villosa_1047421 -Papi_Erinacea_anthyllis_1181379 8<u>5</u> Papi_Erinacea_anthyllis_1181381 Papi_Erinacea_anthyllis_1181373 93 Papi_Dipteryx_odorata_1047537 -Papi_Dipteryx_odorata_1048740 -Papi_Erinacea_anthyllis_1181374 6<u>8</u> -Papi_Dipteryx_odorata_1050477 6<u>7</u> Papi_Hippocrepis_comosa_1043608 ·Cerc_Adenolobus_garipensis_1062612 Papi_Erinacea_anthyllis_1260019 ·Cerc_Adenolobus_garipensis_1062605 Cerc_Adenolobus_garipensis_1062606 81 ·Cerc_Adenolobus_garipensis_1062607 88 ·Cerc_Adenolobus_garipensis_1062604 Papi_Dipteryx_odorata_1000401 Papi_Dipteryx_odorata_1048145 83 ·Papi_Gastrolobium_praemorsum_1003144 9<u>5</u> Papi_Gastrolobium_praemorsum_1003143 8<u>8</u> Papi_Pultenaea_villosa_1172210 Papi_Aganope_thyrsiflora_1036549 82 -Papi_Gastrolobium_praemorsum_1089555 93 Papi_Pultenaea_villosa_1012000 Papi_Erinacea_anthyllis_1160326 96 Papi_Pultenaea_villosa_1129846 7<u>4</u> 96 Papi_Erinacea_anthyllis_1160325 Papi_Erinacea_anthyllis_1338223

Papi_Pultenaea_villosa_1117815