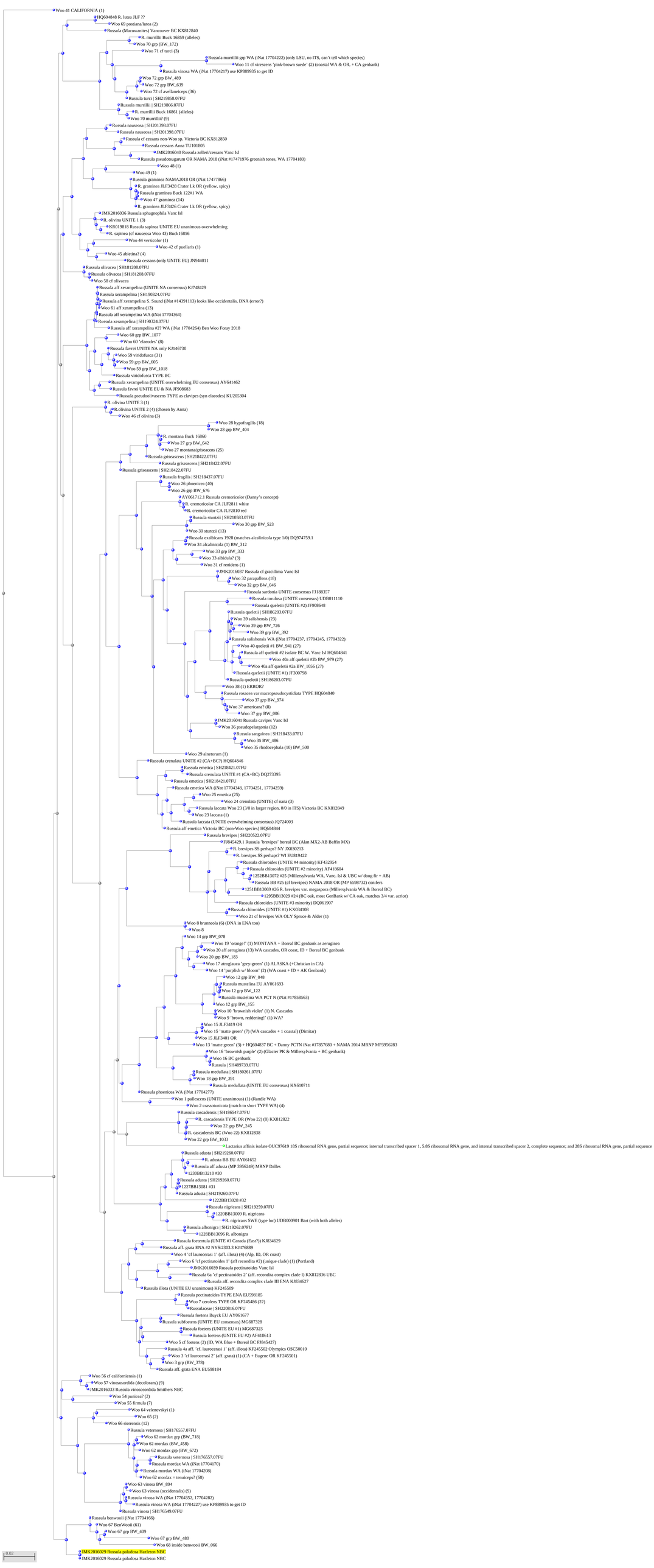
Woo 41 CALIFORNIA (1)
HQ604848 R. lutea JLF ??
Woo 69 postiana/lutea (2)
Russula (Macowanites) Vancouver BC KX812840
R. murrillii Buck 16859 (alleles)
Woo 70 grp (BW_172)
Woo 71 cf turci (3)
Russula murrillii grp WA (iNat 17704222) (only LSU, no ITS, can't tell which species)
Woo 11 cf virescens 'pink-brown suede' (2) (coastal WA & OR, + CA genbank)
Russula vinosa WA (iNat 17704217) use KP889935 to get ID
Woo 72 grp BW_489
Woo 72 grp BW_639
Woo 72 cf avellaneiceps (36)
Russula turci | SH219858.07FU
Russula murrillii | SH219866.07FU
R. murrillii Buck 16861 (alleles)
Woo 70 murrillii? (9)
Russula nauseosa | SH201398.07FU
Russula nauseosa | SH201398.07FU
Russula cf cessans non-Woo sp. Victoria BC KX812850
Russula cessans Anna TU101805
JMK2016040 Russula zelleri/cessans Vanc Isl
Russula pseudotsugarum OR NAMA 2018 (iNat #17471976 greenish tones, WA 17704180)
Woo 48 (1)
Woo 49 (1)
Russula graminea NAMA2018 OR (iNat 17477866)
R. graminea JLF3428 Crater Lk OR (yellow, spicy)
Russula gramina Buck 122#1 WA
Woo 47 graminea (14)
R. graminea JLF3426 Crater Lk OR (yellow, spicy)
JMK2016036 Russula sphagnophila Vanc Isl
R. olivina UNITE 1 (3)
KR019818 Russula sapinea UNITE EU unanimous overwhelming
R. sapinea (cf nauseosa Woo 43) Buck16856
Woo 44 versicolor (1)
Woo 42 cf puellaris (1)
Woo 45 abietina? (4)
Russula cessans (only UNITE EU) JN944011
Russula olivacea | SH181208.07FU
Russula olivacea | SH181208.07FU
Woo 58 cf olivacea
Russula aff xerampelina (UNITE NA consensus) KJ748429
Russula xerampelina | SH1903324.07FU
Russula aff xerampelina S. Sound (iNat #14391113) looks like occidentalis, DNA (error?)
Woo 61 aff xerampelina (13)
Russula aff xerampelina WA (iNat 17704364)
Russula xerampelina | SH1903324.07FU
Russula aff xerampelina #2? WA (iNat 17704264) Ben Woo Foray 2018
Woo 60 grp BW_1077
Woo 60 'elaeodes' (8)
Russula favrei UNITE NA only KJ146730
Woo 59 viridofusca (31)
Woo 59 grp BW_605
Woo 59 grp BW_1018
Russula viridofusca TYPE BC
Russula xerampelina (UNITE overwhelming EU consensus) AY641462
Russula favrei UNITE EU & NA JF908683
Russula pseudoolivascens TYPE as clavipes (syn elaeodes) KU205304
R. olivina UNITE 3 (1)
R.olivina UNITE 2 (4) (chosen by Anna)
Woo 46 cf olivina (3)
Woo 28 hypofragilis (18)
Woo 28 grp BW_404
R. montana Buck 16860
Woo 27 grp BW_642
Woo 27 montana/griseacens (25)
Russula griseacens | SH218422.07FU
Russula griseascens | SH218422.07FU
Russula griseascens | SH218422.07FU
Russula fragilis | SH218437.07FU
Woo 26 phoenicea (40)
Woo 26 grp BW_676
AY061712.1 Russula cremoricolor (Danny's concept)
R. cremoricolor CA JLF2811 white
R. cremoricolor CA JLF2810 red
Russula stuntzii | SH210583.07FU
Woo 30 grp BW_523
Woo 30 stuntzii (13)
Russula exalbicans 1928 (matches alcalinicola type 1/0) DQ974759.1
Woo 34 alcalinicola (1) BW_312
Woo 33 grp BW_333
Woo 33 albidula? (3)
Woo 31 cf renidens (1)
JMK2016037 Russula cf gracillima Vanc Isl
Woo 32 parapallens (18)
Woo 32 grp BW_046
Russula sardonia UNITE consensus FJ188357
Russula torulosa (UNITE consensus) UDB011110
Russula queletii (UNITE #2) JF908648
Russula queletii | SH186203.07FU
Woo 39 salishensis (23)
Woo 39 grp BW_726
Woo 39 grp BW_392
Russula salishensis WA (iNat 17704237, 17704245, 17704322)
Woo 40 queletii #1 BW_941 (27)
Russula aff queletii #2 isolate BC W. Vanc Isl HQ604841
Woo 40a aff queletii #2b BW_979 (27)
Woo 40a aff queletii #2a BW_1056 (27)
Russula queletii (UNITE #1) JF300798
Russula queletii | SH186203.07FU
Woo 38 (1) ERROR?
Russula rosacea var macropseudocystidiata TYPE HQ604840
Woo 37 grp BW_974
Woo 37 americana? (8)
Woo 37 grp BW_006
JMK2016041 Russula cavipes Vanc Isl
Woo 36 pseudopelargonia (12)
Russula sanguinea | SH218433.07FU
Woo 35 BW_486
Woo 35 rhodocephala (10) BW_500
Woo 29 alnetorum (1)
Russula crenulata UNITE #2 (CA+BC?) HQ604846
Russula emetica | SH218421.07FU
Russula crenulata UNITE #1 (CA+BC) DQ273395
Russula emetica | SH218421.07FU
Russula emetica WA (iNat 17704348, 17704251, 17704259)
Woo 25 emetica (25)
Woo 24 crenulata (UNITE) cf nana (3)
Russula laccata Woo 23 (3/0 in larger region, 0/0 in ITS) Victoria BC KX812849
Woo 23 laccata (1)
Russula laccata (UNITE overwhelming consensus) JQ724003
Russula aff emetica Victoria BC (non-Woo species) HQ604844
Russula brevipes | SH220522.07FU
FJ845429.1 Russula 'brevipes' boreal BC (Alan MX2-AB Baffin MX)
R. brevipes SS perhaps? NY JX030213
R. brevipes SS perhaps? WI EU819422
Russula chloroides (UNITE #4 minority) KF432954
Russula chloroides (UNITE #2 minority) AF418694
1252BB13072 #25 (Millersylvania WA, Vanc. Isl & UBC w/ doug fir + AB)
Russula BB #25 (cf brevipes) NAMA 2018 OR (MP 6598732) conifers
1251BB13069 #26 R. brevipes var. megaspora (Millersylvania WA & Boreal BC)
1295BB13029 #24 (BC oak, most GenBank w/ CA oak, matches 3/4 var. acrior)
Russula chloroides (UNITE #3 minority) DQ061907
Russula chloroides (UNITE #1) KX034108
Woo 21 cf brevipes WA OLY Spruce & Alder (1)
Woo 8 brunneola (6) (DNA in ENA too)
Woo 8
Woo 14 grp BW_078
Woo 19 'orange!' (1) MONTANA + Boreal BC genbank as aeruginea
Woo 20 aff aeruginea (13) WA cascades, OR coast, ID + Boreal BC genbank
Woo 20 grp BW_183
Woo 17 atroglauca 'grey-green' (1) ALASKA (+Christian in CA)
Woo 14 'purplish w/ bloom' (2) (WA coast + ID + AK Genbank)
Woo 12 grp BW_048
Russula mustelina EU AY061693
Woo 12 grp BW_122
Russula mustelina WA PCT N (iNat #17858563)
Woo 12 grp BW_155
Woo 10 'brownish violet' (1) N. Cascades
Woo 9 'brown, reddening!' (1) WA?
Woo 15 JLF3419 OR
Woo 15 'matte green' (7) (WA cascades + 1 coastal) (Dimitar)
Woo 15 JLF3401 OR
Woo 13 'matte green' (3) + HQ604837 BC + Danny PCTN iNat #17857680 + NAMA 2014 MRNP MP3956283
Woo 16 'brownish purple' (2) (Glacier PK & Millersylvania + BC genbank)
Woo 16 BC genbank
Russula | SH489739.07FU
Russula medullata | SH180261.07FU
Woo 18 grp BW_391
Russula medullata (UNITE EU consensus) KX610711
Russula phoenicea WA (iNat 17704277)
Woo 1 pallescens (UNITE unanimous) (1) (Randle WA)
Woo 2 crassotunicata (match to short TYPE WA) (4)
Russula cascadensis | SH186547.07FU
R. cascadensis TYPE OR (Woo 22) (8) KX812822
Woo 22 grp BW_245
R. cascadensis BC (Woo 22) KX812838
Woo 22 grp BW_1033
Lactarius affinis isolate OUC97619 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence
Russula adusta | SH219260.07FU
R. adusta BB EU AY061652
Russula aff adusta (MP 3956249) MRNP Dalles
1230BB13210 #30
Russula adusta | SH219260.07FU
1227BB13081 #31
Russula adusta | SH219260.07FU
1222BB13028 #32
Russula nigricans | SH219259.07FU
1220BB13009 R. nigricans
R. nigricans SWE (type loc) UDB000901 Bart (with both alleles)
Russula albonigra | SH219262.07FU
1228BB13096 R. albonigra
Russula foetentula (UNITE #1 Canada (East?)) KJ834629
Russula aff. grata ENA #2 NYS:2303.3 KJ476889
Woo 4 'cf laurocerasi 1' (aff. illota) (4) (Alp, ID, OR coast)
Woo 6 'cf pectinatoides 1' (aff recondita #2) (unique clade) (1) (Portland)
JMK2016039 Russula pectinatoides Vanc Isl
Russula fa 'cf pectinatoides 2' (aff. recondita complex clade I) KX812836 UBC
Russula aff. recondita complex clade III ENA KJ834627
Russula illota (UNITE EU unanimous) KF245509
Russula pectinatoides TYPE ENA EU598185
Woo 7 cerolens TYPE OR KF245486 (22)
Russulaceae | SH220816.07FU
Russula foetens Buyck EU AY061677
Russula subfoetens (UNITE EU consensus) MG687328
Russula foetens (UNITE EU #1) MG687323
Russula foetens (UNITE EU #2) AF418613
Woo 5 cf foetens (2) (ID, WA Blue + Boreal BC FJ845427)
Russula 4a aff. 'cf. laurocerasi 1' (aff. illota) KF245502 Olympics OSC50010
Woo 3 'cf laurocerasi 2' (aff. grata) (1) (CA + Eugene OR KF245501)
Woo 3 grp (BW_378)
Russula aff. grata ENA EU598184
Woo 56 cf californiensis (1)
Woo 57 vinosonsordida (decolorans) (9)
JMK2016033 Russula vinosonsordida Smithers NBC
Woo 54 paniceae? (2)
Woo 55 firmula (7)
Woo 64 velenovskyi (1)
Woo 65 (2)
Woo 66 sierrensis (12)
Russula veternosa | SH176557.07FU
Woo 62 mordax grp (BW_718)
Woo 62 mordax (BW_458)
Woo 62 mordax grp (BW_672)
Russula veternosa | SH176557.07FU
Russula mordax WA (iNat 17704170)
Russula mordax WA (iNat 17704208)
Woo 62 mordax = tenuiceps? (68)
Woo 63 vinosa BW_894
Woo 63 vinosa (occidentalis) (9)
Russula vinosa WA (iNat 17704352, 17704282)
Russula vinosa WA (iNat 17704227) use KP889935 to get ID
Russula vinosa | SH176549.07FU
Russula benwoiii (iNat 17704166)
Woo 67 BenWoiii (61)
Woo 67 grp BW_409
Woo 67 grp BW_480
Woo 68 inside benwoiii BW_066
JMK2016029 Russula paludosa Hazleton NBC
JMK2016029 Russula paludosa Hazleton NBC
0.02