



MK37153.1 Mycena haematopus MO354753
 Mycena haematopus OR Inat147467675
 M. haematopus UNITE worldwide consensus MH142010 (type EU)
 Mycena haematopus OR Inat1831717
 PSM5931 Mycena haematopus WA Inat142124911
 HQ604768 Mycena haematopus BC
 MP698666 Mycena haematopus OR
 HM240534 Mycena galopos Mary UBC (+EU+worldwide45)
 KF930237 Mycena haematopus PNW11 OR Inat18266131
 Mycena haematopus PNW11 Vanc BC Mary
 HQ625481 Mycena sanguinolenta UNITE EU consensus
 MH856662 Mycena sanguinolenta EU (Jean)
 HM030596 Mycena sanguinolenta sensu ENA (ENA)
 MK169372 Mycena subsanguinolenta TYPE WA (ITS2) (S sanguinolenta)
 Mycena aff subsanguinolenta (S3 ITS2) WA MQ406397
 PSM51361 WA Inat181835620 Mycena aff subsanguinolenta
 Mycena aff subsanguinolenta 4/3 ITS2 Inat57683843 WA
 Mycena aff subsanguinolenta OR Inat147684031
 GU234119.1 Mycena olivaceomarginata UNITE EUx1
 MH856333.1 Mycena citrinomarginata (as of cinerella 2 EU)
 Mycena olivaceomarginata UNITE EU 1 (type UK) GU234112
 Mycena citrinomarginata OR Inat5538361
 Inat17476762 Mycena citrinomarginata OR
 Mycena citrinomarginata (cf olivaceomarginata) OR MO 295525
 Mycena citrinomarginata UNITE EU+WNA x398 JF519440
 Inat17474783 Mycena citrinomarginata OR
 Mycena citrinomarginata OR Inat17380364
 Mycena citrinomarginata WA Inat142150533
 MC989985.1 Mycena citrinomarginata BC (-M. olivaceobrunnea type WA)
 MC989987.1 Mycena citrinomarginata BC (-M. chioanthoides type OR)
 Mycena californiensis CA MO479973
 Mycena of abramsii UNITEx3 Korea (type CA) KR673481
 PSM5768 Mycena PNW10 WA Inat14510578
 Mycena PNW10 WA Inat8385630
 Mycena PNW10 Fred WA Inat3308479
 Mycena PNW10 WA Inat144829255
 KT338215 Mycena of murina NY (type NY)
 AF335444 Mycena PNW10 Mary UBC
 Mycena PNW10 bleach OR Inat18309763
 Inat18309763 Mycena PNW10 OR
 Mycena PNW10 OR Inat18310641
 MK290377 Mycena PNW10 OR JLF3736 InatF0207136
 Inat18310641 Mycena PNW10 OR
 Mycena rubromarginata UNITE EUx20 (+WNA) AY781282
 Mycena rubromarginata WA Inat9894812
 HM240537 Mycena rubromarginata Mary UBCx5
 Mycena rubromarginata 27399 Buck 988
 Mycena rubromarginata Buck 966 WA Inat83226239
 MP 6589816 Mycena rubromarginata OR
 Mycena rubromarginata WA Inat165612597
 Mycena macrocydidiata PNW02 Buck 776 (micro match)
 Mycena subvirea TYPE OR MG MN609553
 KX513844 Mycena bulliformis official CA (type CA)
 MP658848 Mycena bulliformis OR
 MT636954.1 Mycena bulliformis WA Inat 35590922
 JLF9168 Mycena bulliformis OR Inat8933068
 HQ604766.1 Mycena purpureofusca 1885 BCx5 +N +EU (UNITEx32) (type NY)
 JF908378.1 Mycena of viridimarginata EU 1892
 Mycena purpureofusca BC Inat146992648
 Mycena purpureofusca Nat 34988141 WA
 MG54742 Mycena purpureofusca Mary UBC
 MW54705 M. of viridimarginata EU 1892 (same ITS as purpureofusca)
 Inat17477759 Mycena purpureofusca OR
 KJ705170.1 Mycena of robusta PQ (+EU) (type OR)
 Mycena robusta OR Inat147208597
 Mycena of robusta WA Inat37255816 IN22
 Mycena of aetles UNITE EU 1x1 UDB0431217 (2-3 are in Mycopan) (older than robusta)
 Mycena of robusta OR Inat147709512 IN22
 Mycena of robusta OR Inat68192899 IN22
 Mycena of robusta Alan Renton Highlands IN22
 Mycena of robusta WA Inat14772816 IN22
 Mycena of capillipes EU (type NY)
 Mycena of capillipes NZ Nat2352660
 Mycena of capillipes OR Inat147488792 (but no pink edges and no bleach)
 Mycena of capillipes CA MO 303484 MK3011223
 Mycena capillipes OR Inat152763541
 Mycena capillipes PNW01 Inat 31163388 WA (pinkish bleach olde) (1.5 EU/CA)
 Mycena PNW19 (pinkish near capillipes) WA Inat147711175
 Mycena leptoccephala UNITE 2 EUx2 UDB024340
 Mycena leptoccephala UNITE 2 EUx2 UDB016275
 Mycena polygramma UNITE 2 EUx2
 MH576887 Mycena villosa GenBankx13 EU
 Mycena villosa WA Inat14530026
 Mycena polygramma UNITE 1 EUx19 UDB0321491
 Mycena silvae-nigrae UNITE EUx1 (7 seq in SH) UDB050804
 Mycena silvae-nigrae UNITE EUx1 (11 seq in SH) UDB0392641
 Mycena silvae-nigrae WA Inat108417306
 Mycena silvae-nigrae WA Inat5453988
 Mycena silvae-nigrae WA Inat107379225
 Mycena silvae-nigrae WA Inat30516056 (complex of 2 w/EU)
 Mycena silvae-nigrae WA Inat107661716
 Mycena silvae-nigrae WA Inat117066017
 Mycena silvae-nigrae WA Inat124656027
 Mycena silvae-nigrae WA Inat149386544
 Mycena silvae-nigrae WA Inat108638870
 Mycena silvae-nigrae UNITE EUx1 JF908452
 Mycena silvae-nigrae 10/01n 1 WA Inat32113576 (type)
 Mycena silvae-nigrae WA Buck 20180525 (the clean area)
 Mycena stipata UNITE EU 1 UDB011896
 Mycena of stipata EUx1 outlier UDB032003
 HQ604773.1 Mycena leptoccephala PNW20 Vanc BC (41 ITS 1.5 pre-ITS 1)
 Mycena leptoccephala PNW20 (41*) WA Inat352114681
 Mycena leptoccephala PNW20 WA Inat147721788(2)
 Mycena leptoccephala PNW20 WA Inat147721788
 Mycena leptoccephala PNW20 WA Inat147495931
 MN809554 M. trinctura ITS2 (1/3 SYNTYPES OR - Oct. 7) Smith says mixed so nom. inv. (this -M. stannea M. aetles or M. subvirea)
 Mycena leptoccephala PNW21 CA Inat147874335
 Mycena leptoccephala PNW21 (as deceptor) WA Inat32111908
 Mycena leptoccephala Inat50640370 WA
 Inat17477850 Mycena of leptoccephala 4 OR (5/4/2 but ML Tree says =leptoccephala)
 Mycena leptoccephala UNITE 1 BC JF553308
 Mycena leptoccephala UNITE 1 AK HQ212018
 Mycena leptoccephala UNITE 1 EUx7 (u643) UDB019723
 MH718251 Mycena leptoccephala Vancouver BC
 Mycena leptoccephala Buck WA
 Mycena of leptoccephala 4 (but ML Tree says =leptoccephala) WA Inat145632370
 EU697245.1 Mycena monticola OR
 Mycena monticola TYPE OR (ITS2) MG
 MN809551.1 Mycena monticola Smith 1937
 Mycena monticola TYPE OR (ITS2) MG(2)
 JX310425.1 Mycena monticola OR
 EU681182.1 Mycena monticola OR
 EU848250.1 Mycena monticola voucher OR
 Mycena of hudsoniana WA Fred micro Inat32648399 (type WA) (+Inat107863407)
 MW540692.1 Mycena flopes GenBankx12 (incl. EU)
 Mycena flopes WA Inat109903606
 HQ604769.1 Mycena flopes BC F19716
 Mycena flopes PNW12 5 WA Inat99117529
 Mycena meligena (40 EU 2/3 IN) WA Inat105196283 (Kuo says = older corticola but that s nom dubium)
 JF908428 Mycena meligena UNITE EUx10 (type America) (some as pseudocorticola/supina)
 Mycena meligena WA oak Inat12899544
 NR 173028 Mycena juniperina TYPE EU
 Mycena hudsoniana OR Inat91950548
 Mycena hudsoniana BC Inat147663419
 EU846300.1 Mycena of hudsoniana OR (1/0/2n 32648399)
 Mycena of hudsoniana WA Inat105237227
 Mycena metata PNW13 3 Fred WA Inat32091301
 JF908412.1 Mycena metata UNITE EUx70
 Mycena metata 3/0 Fred WA Inat29412500
 Mycena aff metata 1 PNW Vanc BC Mary
 Mycena aff metata 1 WA Inat29471281
 Mycena aff metata 1 WA Inat32081743 (cf flopes but not)
 Mycena aff metata 1 OR Inat147468482
 GU234146.1 Mycena of cinerella 3 (arctic EU)
 Mycena of aurantimarginata EUx1 MH856657
 MN202587 Mycena aurantimarginata PNW08 MO 353480 WA (3.5)
 Mycena PNW05 OR Inat18317399
 Mycena PNW05 WA Inat14099202 (as pustilla CA)
 MN992821 Mycena of atroalboides PQ (type NY) Renee
 CM905874.1 Mycena of atroalboides AX (type NY)
 Mycena strobilinoidea Steve Nesa WA OLY:MS0504 MQ381426
 MP958844 Mycena strobilinoidea OR (type WA)
 MP958803 Mycena strobilinoidea WA
 EU698224.1 Mycena tenax OR(2)
 EU846251.1 Mycena tenax OR (type WA)
 EU698224.1 Mycena tenax OR
 EU698223.1 Mycena tenax OR(2)
 EU698223.1 Mycena tenax OR
 MT216241.1 Mycena pasivkeris HOLOTYPE EU (moss species)
 Mycena of madronicola OR Inat68761942 bark (type OR)
 Mycena latifolia (gal var) UNITE EUx5 JF908485
 Mycena rosella UNITE EUx9 UDB015861
 Mycena PNW07 white OR Inat35711937
 MW540670.1 Mycena of cinerella 1 EU
 KJ900146.1 Mycena of cinerella 1 EU
 DQ481970 Uncultured Mycena cinerella PNW06 BCx7
 PSM5185 Mycena cinerella PNW05 (1.5) WA Inat105446341
 Mycena cinerella PNW06 WA Inat106446648
 Mycena vulgaris EUx136
 EU698309.1 Mycena monticola (ITS1) OR
 Mycena pterigena EUx3 UDB024329
 KX513843.1 Mycena nivicola TYPE CA
 MW375486 Mycena nivicola (as griseoviridis) CA Inat59938744
 MK920376.1 Mycena nivicola OR JLF3293 (110-112) Inat66683991
 JF908457.1 Mycena of subcana EU (type CA)
 Mycena of epipterygia EUx4 UDB011884
 Mycena of viscosa EUx1 UDB011380
 Mycena viscosa var iodolens TYPE OR Matt
 MN809555 Mycena viscosa var. iodolens (Smith 1941 WA)
 MP958620 Mycena epipterygia (as Rhodocyte nitellina mixup)
 MP958908 Mycena epipterygia OR
 Mycena epipterygia EUx2+ENAx3 UDB069005 (type EU)
 HM240533 Mycena epipterygia BC
 MK169395.1 Mycena epipterygia var. lignicola TYPE WA
 EU846451 Mycena epipterygia lignicola Vanc BCx2 (+NAx4)
 HQ604772 Mycena epipterygia lignicola BC
 SVMFA103 Mycena epipterygia lignicola BC
 DQ384586 Mycena epipterygia var. nov. Mary UBC (yellow stem pale grey cap)
 KP406534 Mycena epipterygia lignicola WA
 EFS30946 Mycena epipterygia lignicola (as epipterygia) Mary UBC
 SVMFA114 Mycena epipterygia lignicola BC
 KP454034 Mycena epipterygia lignicola (as lignicola) Mary UBC
 HQ604771 Mycena epipterygia lignicola BC
 Mycena epipterygia lignicola BC Inat146723438
 Mycena corticis TYPE OR MG MN809550
 JF908407.1 Mycena of megaspora EU (type MI)
 MZ754456.1 Mycena of megaspora Russia (type MI)
 Mycena of megaspora OR Inat60284046
 MW540660.1 Mycena of megaspora EU (type MI)
 Mycena galericulata IN10 OR Inat147507748
 MP658979 Mycena galericulata OR
 Mycena galericulata Victoria BC
 Mycena galericulata Vanc Isl BC UDB078251
 Mycena galericulata UNITE EUx34 HG531386
 BTSP DM136-40516 Mycena galericulata BC
 HQ604770 Mycena galericulata OR
 MP658884 Mycena galericulata OR
 Mycena galericulata =3/2 OR Inat32871094
 MP6588730 Mycena galericulata OR
 Mycena clavicularis 2 UNITE EUx1 UDB034215
 MW540674.1 Mycena clavicularis 1 EU (UDB5n)
 JF908467.1 Mycena clavicularis 1 EU
 JF908466.1 Mycena clavicularis 1 EU
 Mycena clavicularis PNW04 CA (1.5 EU) MK307839
 MK290381.1 Mycena clavicularis PNW04 OR JLF5867
 MP6589815 Mycena clavicularis PNW04
 MP6588851 Mycena clavicularis PNW04
 Mycena clavicularis PNW04 (dirty) WA Inat12044501
 Mycena cumigera PNW18 OR Inat142703445
 Mycena maculata UNITE EUx9 UDB037953
 Mycena maculata PNW03 RHM-17-6
 Mycena maculata PNW03 RHM-22-20 S12
 Mycena maculata PNW03 Buck 581
 Mycena maculata PNW03 2 OR Inat101050980
 AF335445 Mycena maculata PNW03 2 Mary UBC
 DQ384588 Mycena maculata PNW03 Mary UBC
 MP908474 Mycena maculata PNW03 Mary UBC
 Mycena maculata PNW03 WA Inat147004612
 EFS30930 Mycena maculata PNW03 Mary UBC
 KC236103 Mycena maculata PNW03 Victoria RHM-17-6
 Mycena laevigata UNITE EUx8 UDB015273
 Mycena overholtii ITS1 WA Inat42967991 0/0
 Mycena overholtii WA Inat19102709 (same ITS as laevigata PNW09)
 Mycena overholtii NY Inat11409408 MZ146337
 Mycena overholtii NY Inat11409407 MZ146332 (dirty)
 MK169370 Mycena overholtii TYPE WY
 WTU-F-63381 Mycena of overholtii
 Mycena overholtii ITS2 WA Inat42967991 2/2
 Mycena laevigata PNW09 (=overholtii ITS) Inat70567126 Fred
 Mycena laevigata PNW09 (=overholtii ITS) combined WA Inat105369766
 Mycena of overholtii
 WTU-F-63398 Mycena of overholtii
 WTU-F-63538 Mycena of overholtii
 Mycena laevigata PNW09 WA Inat14730580
 Mycena laevigata PNW09 OR Inat14699807
 Mycena overholtii WA Inat83042627 (same ITS as laevigata PNW09 LSU available)
 RHM-17-1 Mycena laevigata PNW09 (=overholtii ITS)
 Mycena laevigata PNW09 (same ITS as overholtii) WA Inat105765506 (LSU available)
 Mycena laevigata PNW09 WA Inat30335771 (matches type of M. overholtii)
 Panellus sticticus WA (110 =0/3 at begin) (see consensu Barnes) (MP 3855879)
 AF289071 Panellus aff sticticus (UNITE ENA consensu) (EU EU) WNA
 Panellus sticticus UNITE EU 2 (CA) UDB015517
 Panellus sticticus UNITE EU nuj UDB0111385
 Resinomycena montana OR Inat8031947
 ON332045 Resinomycena montana CA Redhead (type BC)
 ON332045.1 Resinomycena montana OR Redhead (type BC)
 Resinomycena montana OR Inat147635003
 Resinomycena saccharifera UNITE EUx2 (type UK) UDB024126 (=kalathochensis WA)
 MT274525.1 Roridomyces phyllostachydis TYPE India
 KR673459.1 Roridomyces of roridus SKorea
 Roridomyces roridus Inat37471615 WA
 PSM5451 Roridomyces roridus WA Inat20852248
 Roridomyces roridus CA MO194507 MH058040
 MW540720.1 Roridomyces roridus UNITE EUx6 (official UNITE SH is Mycena s.s.)
 Roridomyces roridus (Mycena) WA Inat864402860
 JF908439.1 Mycena stylobates EU
 Mycena stylobates Nat 30830488 WA
 MW540728.1 Mycena stylobates EU (type EU)
 QL629084.1 Mycena stylobates CA MO4055247
 PSM5397 Mycena stylobates WA Inat125073152
 MH762086 Mycena of subcana EU (type EU)
 Mycena clavularis PNW22 3 WA Inat147367370
 ON113879 Mycena longiseta EU (type EU) (as aciculata type CA)
 MW540714 Mycena of longiseta EU (type EU)
 PSM5760 Mycena tenerima (cleaned short) WA Inat141233894 (Quincy says M. nucicola)
 HQ604773 Mycena tenerima Vanc BC (ITS2)
 MZ467320 Mycena tenerima EU (type UK)
 Mycena amicta 1 UNITE EUx5 (+170 soil samples) (matches UDB0289488)
 Mycena amicta 2 UNITE EUx5 MW96366 (1 1)
 Mycena amicta PNW14 (2 1 8/3) WA Inat126604780
 Mycena amicta PNW14 (2 1 8/3) WA Inat10637810 (mixup)
 MH145355 Mycena aff amicta (1 1) CA MO313453
 OLT11671.1 Mycena of subcaerulea ENA (type NY)
 MZ293096.1 Mycena of subcaerulea NY (type NY) Inat30967270
 DQ406045 Mycena amicta PNW13 WA
 MW959365 Mycena amicta PNW13 EU (10 1)
 Mycena amicta PNW13 Vanc BC Mary
 ON738536 Mycena amicta PNW13 Vanc BC (ITS2)
 PSM5930 Mycena amicta PNW13 WA Inat117546500
 Mycena pearsoniana UNITE Vact BC 1x54 (+EU type UK) UDB034823
 JN182190 Mycena aff pearsoniana UNITE EU+ENA 2x34 (4 1)
 FN394602 Mycena Harder clade V luteovariata EU
 FN394598 Mycena pura Harder clade VIII PNW15 EU FN394598
 MP9585797 Mycena pura PNW15 WA (white)
 MF955191 Mycena pura PNW15 BC F30869
 FN394611.1 Mycena pura PNW15 BC F30841
 MK290380 Mycena pura PNW15 OR JLF4333
 Mycena pura PNW15 OR (211 UNITE 1) MK290380
 Mycena pura PNW15 WA Inat2130250
 MKC90379.1 Mycena pura PNW15 OR JLF4332
 HM240535 Mycena pura PNW15 Mary UBC (96y)
 MP6588750 Mycena pura PNW15 OR
 MF955192 Mycena pura PNW16 BC F30824
 MN945643 Mycena pura PNW16 BC F33471
 FN394563 Mycena pura Harder clade X USA PNW16
 KC581347 Mycena pura PNW16 Mary UBC (purplw)
 SVMFA085 Mycena pura PNW16 BC
 Mycena pura PNW16 WA Inat 35033507
 Mycena rullantiformis PNW17 Buck 432 Vanc Isl BC (type MO)
 Mycena pellanthina UNITE EUx8
 Mycena aff pellanthina UNITE EUx5 (never called pellanthina)
 FN394561.1 Mycena pura Harder clade VI USA
 FN394564 Mycena pura Harder clade XI EU
 FN394581.1 Mycena pura Harder clade II EU
 FN394587 Mycena pura Harder clade IX
 FN394574.1 Mycena pura Harder clade III EU
 FN394564 Mycena pura Harder clade XI EU(2)
 FN394588.1 Mycena pura Harder clade I EU
 FN394583 Mycena pura Harder clade IV EU
 MK290375 Mycena pura novell clade OR JLF1567
 FJ627033 Mycena picta Mary UBC 1/0/2
 MZ158564 Mycena of alphitophora NY Inat13072966 (type EU)
 SCHIZOPHYLLUM COMMUNE (OUTGROUP)

marginalia
 basalia
 epipterygia grp
 Panellus
 Resinomycena
 Roridomyces
 basalia discobulbi
 pura grp