Strophariaceae (inc. Kuehneromycetaceae)

Jerry Cooper, Aug. 2026

ITS+LSU+RPB1+RPB2+SSU+TEF

OUT-Inocybe lanuginosa|TENN 062780|USA
Paraflammula
Paraflammula subfusisporo|IHI-10bc1|Germany
Paraflammula sp. Ramekis|PDD 92391|NZ
Paraflammula sp. Ramekis|OTA 72305|NZ
Paraflammula sp. Ramekis|OTA 72305|NZ
Flammula
Flammula alnicola|RMK0608|USA
Flammula abieticola|TENN 074624|USA
Flammula alnicola|TENN 074623|USA
Flammula sp. Evansdale Glen|OTA 62598|NZ
Flammula sp. Evansdale Glen|JAC10782|NZ
Flammula sp. Evansdale Glen|OTA 890|NZ
Flammula sp. Matawai|JAC11340|NZ
Flammula sp. Matawai|JAC10791|NZ
Flammula sp. Matawai|JAC10702|NZ
Flammula sp. Matawai|PDD 72581|NZ
Flammula sp. Matawai|OTA72274|NZ
Flammula sp. Matawai|OTA 72274|NZ
Flammula sp. Matawai|JAC11553|NZ
Flammula sp. Matawai|JAC11553|NZ
Flammula sp. Matawai|OTA65730|NZ
Flammula sp. Matawai|JAC12964|NZ
Flammula sp. Matawai|JAC10550|NZ
Kuehneromyces
Kuehneromyces mutabilis|CBS 205.32|Belgium
Kuehneromyces obscurus|TENN 078991|USA
Kuehneromyces rostratus|PBM2703|USA
Kuehneromyces lignicola|TENN 028782|USA
Synmnatomyces capitatus|NBRC 31218|Japan
Kuehneromyces brunneoalbescens|JAC15926|NZ
Kuehneromyces brunneoalbescens|JAC13792|NZ
Kuehneromyces brunneoalbescens|JAC13792|NZ
Kuehneromyces brunneoalbescens|TWM178|Au
Kuehneromyces brunneoalbescens|PDD 72682|NZ
Kuehneromyces brunneoalbescens|JAC12374|NZ
Kuehneromyces brunneoalbescens|JAC12954|NZ
Phaeogalera stagnina|205403|Norway
Deconica argentina sensu Johnston|JAC9276|NZ
Deconica argentina sensu Johnston|JAC9295|NZ
Deconica argentina sensu Johnston|JAC10042|NZ
Deconica merdaria cf.|JAC11719|NZ
Deconica merdaria cf.|JAC14216|NZ
Deconica argentina|JAC14255|NZ
Deconica argentina|JAC15926|NZ
Deconica coprophila|50|Mexico
Psilocybe silvatica|ZADM 18783|Canada
Deconica crobula sff.|JAC14256|NZ
Deconica montana|PBM961|USA
Deconica sp. Mt Herbert|JAC12798|NZ
Deconica sp. Mt Herbert|OTA 73406|NZ
Deconica sp. Mt Herbert|JAC11767|NZ
Deconica sp. Mt Herbert|OTA 73424|NZ
Deconica sp. Ashburn|JAC11211|NZ
Deconica sp. Ashburn|JAC11211|NZ
Deconica subvicaria|MEMu011|Netherlands
Deconica veroderma|239|Austria
Deconica inquilina|EAu188|Netherlands
Deconica inquilina|JAC9849|NZ
Deconica inquilina|JAC15104|NZ
Deconica inquilina|JAC10641|NZ
Deconica neorthonbisporo|JCN-154462|Brazil
Deconica novae-zelandiae #21|JAC10554|NZ
Deconica novae-zelandiae #20|JAC10880|NZ
Deconica mihoporo|FBM2781|Au
Deconica mihoporo|MEL2369000|Au
Deconica mihoporo|MEL2369011|Au
Deconica novae-zelandiae #11|JAC10519|NZ
Deconica novae-zelandiae #11|JAC10609|NZ
Deconica bayliasiana|OTA 71563|NZ
Deconica bayliasiana|OTA 71563|NZ
Deconica bayliasiana|JAC13164|NZ
Deconica bayliasiana|OTA 72288|NZ
Deconica bayliasiana|OTA 73288|NZ
Deconica citrinopora|JAC10606|NZ
Deconica horizontalis|463|Brazil
Deconica horizontalis|JAC9|NZ
Deconica horizontalis|MEL2863098|Au
Deconica horizontalis|MEL2321097|Au
Deconica sp. South Pacific|JAC16681|NZ
Deconica sp. South Pacific|PDD 102119|Cook Isla
Deconica sp. South Pacific|PDD 102213|Cook Isla
Deconica vorax|JAC16587|NZ
Deconica vorax|JAC14768|NZ
Deconica vorax|PDD 72561|NZ
Deconica vorax|JAC10319|NZ
Deconica vorax|JAC18544|NZ
Pholiota
Pholiota nameko|TENN 074767|China
Pholiota aurivella|TENN 074800|China
Pholiota glutinosa|JAC6253|NZ
Pholiota glutinosa|JAC9542|NZ
Pholiota glutinosa|JAC14058|NZ
Pholiota limonella|TENN 074669|USA
Pholiota adiposa|TENN 074796|China
Pholiota limonella|TENN 074766|China
Pholiota limonella|TENN 074773|China
Pholiota terrestris|JP9111|Canada
Pholiota terrestris|TENN 074807|USA
Subg. Flammuloides
Pholiota gummosa|JAC1416|NZ
Pholiota gummosa|JAC12965|NZ
Pholiota gummosa|JAC13483|NZ
Pholiota gummosa|JAC14603|NZ
Pholiota gummosa|MEL2432729|Au
Pholiota gummosa|CBS 462.86|Belgium
Pholiota gummosa|TENN 074768|China
Pholiota subfiammans|JAC12141|NZ
Pholiota subfiammans cf.|KS-BL1519|NZ
Pholiota subfiammans|JAC8917|NZ
Pholiota subfiammans|JAC9|NZ
Pholiota subfiammans|JAC15870|NZ
Pholiota subfiammans|JAC12568|NZ
Pholiota nidorosa|MEL2253158|Ecuador
Pholiota subfiammans|JAC10503|NZ
Pholiota squarrosipes|MEL2387519|Au
Pholiota squarrosipes|MEL2346800|Au
Pholiota subfiammans|JAC10711|NZ
Pholiota subfiammans|JAC18103|NZ
Pholiota subfiammans|JAC16101|NZ
Pholiota subfiammans|PDD 108434|NZ
Pholiota subfiammans|JAC14768|NZ
Pholiota subfiammans|OTA 62593|NZ
Pholiota subfiammans|OTA 61361|NZ
Pholiota subfiammans|PDD 89870|NZ
Pholiota subfiammans|OTA 73425|NZ
Pholiota subfiammans|JAC12455|NZ
Pholiota subfiammans|JAC9382|NZ
Pholiota|TENN 074790|China
Pholiota squarrosa|PBM2735|USA
Pholiota squarrosa|TENN 074785|China
Pholiota flammans|SJM0207|Sweden
Pholiota squarrosa|ZADM AMB 20036|Germany
Pholiota flammans|TENN 011573
Subg. Pholiota
Nivatogastrium nubigenum|PBM5041|USA
Nivatogastrium nubigenum|PERTH07565844|Au
Pholiota humii|TENN 028822|USA
Pholiota velaglutinosa|TENN 028853|USA
Pholiota lubrica|TENN 074761|China
Pholiota lubrica|TENN 074788|China
Pholiota lenta|TENN 074640|USA
Pholiota lenta|TENN 074722|China
Pholiota occidentalis|TENN 074803|USA
Pholiota gallicola|TENN 028809|USA
Pholiota fulvicrateria|TENN 028818|USA
Pholiota flavopallida|TENN 074797|China
Pholiota agglutinata|TENN 028806|USA
Pholiota spumosa|TENN 062637|USA
Pholiota polychroa|PBM2862|USA
Pholiota brunnescens|TENN 074791|China
Pholiota brunnescens|TENN 074782|China
Pholiota molesta|TENN 074789|China
Pholiota carbonaria|OTA 70340|USA
Pholiota carbonaria|MEL2300768|Au
Pholiota carbonaria|MEL2852091|Au
Pholiota highlandensis|MEL2292423|Au
Pholiota 055364|Argentina
Pholiota pallidocaulis|JAC16461|NZ
Pholiota pallidocaulis|JAC12716|NZ
Pholiota pallidocaulis|JAC16126|NZ
Pholiota pallidocaulis|JAC13894|NZ
Pholiota pallidocaulis|PDD 72611|NZ
Pholiota pallidocaulis|JAC7217|NZ
Pholiota pallidocaulis|JAC2961|NZ
Pholiota pallidocaulis|JAC9|NZ
Pholiota pallidocaulis aff.|PDD 72555|NZ
Pholiota pallidocaulis aff.|JAC15071|NZ
Pholiota sp. Hinewai|PDD 103884|NZ
Pholiota sp. Hinewai|BL126|NZ
Pholiota sp. Hinewai|JAC13942|NZ
Pholiota sp. Hinewai|JAC10215|NZ
Pholiota sp. Hinewai|PDD 72368|NZ
Pholiota sp. Hinewai|JAC13523|NZ
Pholiota sp. Hinewai|JAC10215|NZ
Pholiota sp. Hinewai|JAC15073|NZ
Pholiota sp. Hinewai|JAC7345|NZ
Pholiota sp. Hinewai|JAC9|NZ
Pholiota sp. Hinewai|JAC15023|NZ
Pholiota multicingulata aff.|JAC11367|NZ
Pholiota communis|MEL2362099|Au
Pholiota communis|MEL2041113|Au
Pholiota multicingulata|JAC17623|NZ
Pholiota multicingulata|JAC16157|NZ
Pholiota multicingulata var. hammerensis|JAC12562|NZ
Pholiota multicingulata var. hammerensis|PDD 71000|NZ
Pholiota multicingulata|JAC16157|NZ
Pholiota multicingulata|JAC7591|NZ
Pholiota multicingulata|JAC8969|NZ
Pholiota multicingulata|JAC11010|NZ
Pholiota multicingulata|PDD 97861|NZ
Pholiota multicingulata|PDD 72651|NZ
Pholiota multicingulata|JAC9407|NZ
Pholiota multicingulata|MEL2300682|Au
Pholiota multicingulata|JAC9391|NZ
Pholiota multicingulata|JAC8474|NZ
Pholiota multicingulata|JAC15023|NZ
Pholiota multicingulata|JAC5898|NZ
Pholiota multicingulata|JAC5073|NZ
Pholiota multicingulata|OTA 60145|NZ
Pholiota multicingulata|JAC16860|NZ
Pholiota multicingulata|JAC15672|NZ
Pyrrhulomyces
Pyrrhulomyces astragalinus|TENN 074962|USA
Pyrrhulomyces amarcinges|FBM2975|USA
Leratiomyces
Leratiomyces laetissimus|BRMK 710331|Czech Republic
Leratiomyces squamosus|PRM 921883|Czech Republic
Leratiomyces ciscellatus|PDD 58490|USA
Leratiomyces ciscellatus|PERTH07565801|USA
Leratiomyces ceres|MEL2055167|New Caledonia
Leratiomyces ceres|JAC13341|NZ
Leratiomyces ceres|JAC14376|NZ
Leratiomyces ceres|MEL2295729|Au
Leratiomyces ceres|OTA 69716|NZ
Leratiomyces ceres|OTA 64955|NZ
Leratiomyces ceres|OTA 71490|NZ
Leratiomyces ceres|MEL2055167|New Caledonia
Leratiomyces erythrocephalus|JAC9958|NZ
Leratiomyces erythrocephalus|JAC9|NZ
Leratiomyces erythrocephalus|PDD 94556|NZ
Leratiomyces erythrocephalus|PDD 100972|NZ
Leratiomyces erythrocephalus|PDD 92435|NZ
Leratiomyces erythrocephalus|OTA 69677|NZ
Leratiomyces erythrocephalus|OTA 71568|NZ
Leratiomyces erythrocephalus|OTA 64953|NZ
Leratiomyces erythrocephalus|OTA 70433|NZ
Leratiomyces erythrocephalus|JAC11562|NZ
Leratiomyces erythrocephalus|PDD 75107|NZ
Leratiomyces erythrocephalus|NZ13.90|NZ
Leratiomyces erythrocephalus|PDD 69941|NZ
Leratiomyces erythrocephalus|PDD 68941|NZ
Leratiomyces erythrocephalus|PDD 71756|NZ
Leratiomyces erythrocephalus|JAC17264|NZ
Leratiomyces erythrocephalus|PDD 100715|NZ
Leratiomyces erythrocephalus|JAC16276|NZ
Leratiomyces erythrocephalus|JAC16978|NZ
Leratiomyces erythrocephalus|KS-BL82|NZ
Leratiomyces erythrocephalus|JAC11559|NZ
Leratiomyces erythrocephalus|PDD 71777|NZ
Hypholoma tuberisum|Philippe tuberifera|BRNM 710220|Czech Republic
Hypholoma tuberisum|MEL2369000|Au
Gen. nov.
Phaeonematoloma myosotis|SJ97002|Sweden
Protostropharia semiglobata|MEL2231590|Au
Protostropharia semiglobata|JAC14129|NZ
Protostropharia subaulacina|MEL1052546|Au
Protostropharia|PDD 76362|NZ
Protostropharia islandica|MacroFF16013|Italy
Protostropharia sp. Te Wera|JAC12966|NZ
Protostropharia sp. Te Wera|JAC12960|NZ
Protostropharia sp. Te Wera|JAC15059|NZ
Protostropharia sp. Te Wera|JAC17682|NZ
Protostropharia|JAC9|NZ
Protostropharia|JAC14819|NZ
Protostropharia sp. Hanmer|PDD 117458|NZ
Protostropharia sp. Hanmer|PDD 95059|NZ
Protostropharia sp. Hanmer|JAC15659|NZ
Protostropharia sp. Hanmer|JAC14691|NZ
Protostropharia sp. Hanmer|JAC16933|NZ
Protostropharia sp. Hanmer|JAC18115|NZ
Protostropharia sp. Hanmer|OTA 71609|NZ
Protostropharia sp. Hanmer|OTA 71496|NZ
Protostropharia sp. Hanmer|OTA 71610|NZ
Protostropharia
Bogbodia uda|FBM2755|USA
Hypholoma marginatum|PRM 921863|Czech Republic
Hypholoma sublateritium|JS0310107|USA
Hypholoma brunneum|PDD 89121|NZ
Hypholoma brunneum|JAC13525|NZ
Hypholoma brunneum|JAC15965|NZ
Hypholoma brunneum|PDD 103715|NZ
Hypholoma brunneum|PDD 72534|NZ
Hypholoma brunneum|OTA 69813|NZ
Hypholoma australianum|PERTH08341856|Au
Hypholoma australianum|MEL2264791|Au
Hypholoma australianum|JAC15966|NZ
Hypholoma australianum|JAC12507|NZ
Hypholoma australianum|JAC15680|NZ
Hypholoma australianum|OTA 69692|NZ
Hypholoma australianum|JAC13395|NZ
Hypholoma australianum|JAC12788|NZ
Hypholoma australianum|JAC15908|NZ
Hypholoma australianum|JAC15029|NZ
Hypholoma australianum|CMP 21474|NZ
Hypholoma australianum|JAC15027|NZ
Hypholoma australianum|OTA 69711|NZ
Hypholoma australianum|JAC15966|NZ
Hypholoma australianum|JAC15406|NZ
Hypholoma australianum|PDD 110276|NZ
Hypholoma fasciculare|FBM1844|Lithuania
Hypholoma subviride cf.|PDD 102174|Cook Islands
Hypholoma subviride cf.|PDD 102146|Cook Islands
Hypholoma subviride cf.|PDD 102157|Cook Islands
Hypholoma sp. Totararau|JAC13294|NZ
Hypholoma sp. Totararau|PDD 75200|NZ
Hypholoma sp. Totararau|JAC10505|NZ
Hypholoma sp. Totararau|OTA 73473|NZ
Hypholoma sp. Totararau|JAC15966|NZ
Hypholoma sp. Totararau|JAC12528|NZ
Hypholoma sp. Totararau|JAC14323|NZ
Hypholoma sp. Totararau|JAC17087|NZ
Hypholoma sp. Totararau|JAC18617|NZ
Hypholoma subfasciculare|TENN 062721|USA
Hypholoma subviride|TB10026|Belize
Hypholoma acutum|JAC12375|NZ
Hypholoma acutum|JAC15062|NZ
Hypholoma acutum|JAC16683|NZ
Hypholoma acutum|PDD 72810|NZ
Hypholoma acutum|JAC7216|NZ
Hypholoma acutum|JAC18601|NZ
Hypholoma acutum|OTA 71644|NZ
Hypholoma acutum|OTA 62586|NZ
Hypholoma acutum|JAC13350|NZ
Hypholoma acutum|OTA 71645|NZ
Hypholoma acutum|OTA 72270|NZ
Hypholoma acutum|OTA 70364|NZ
Hypholoma acutum|OTA 72316|NZ
Hypholoma acutum|OTA 73433|NZ
Hypholoma
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