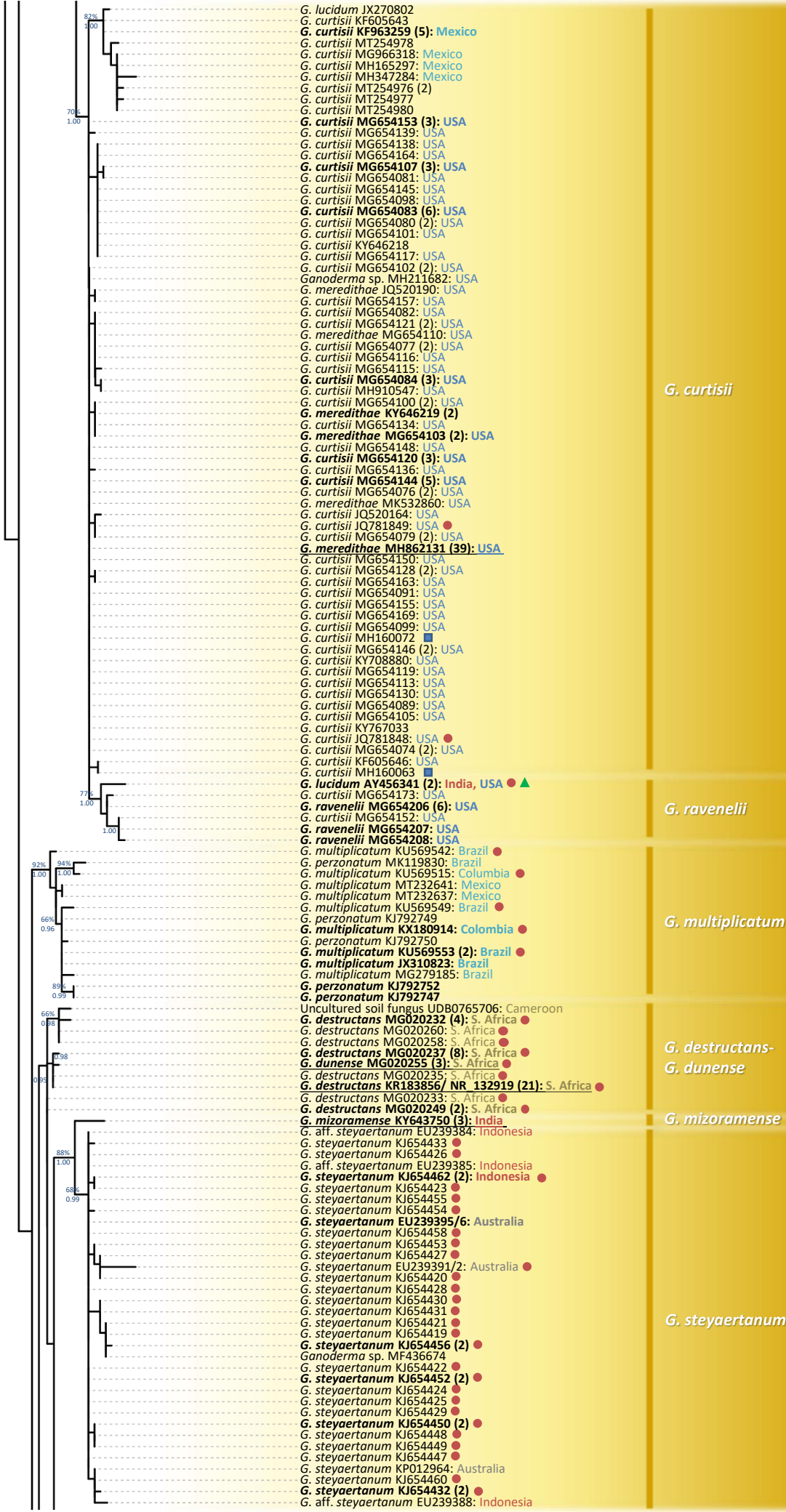


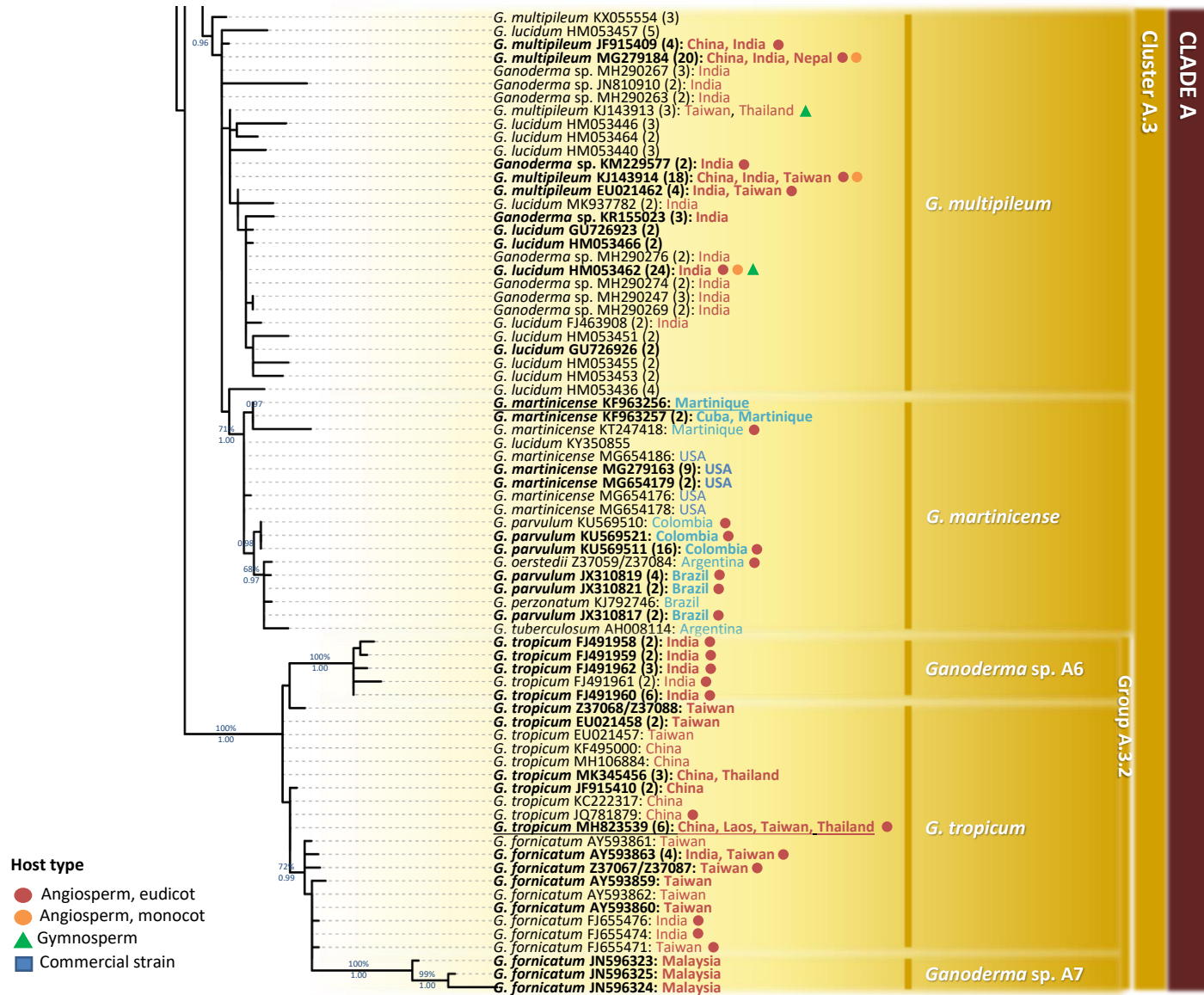
- G. hehnelianum JN383980 (6): China, Myanmar
G. applanatum MG706213 (58): Europe, Asia, N. America
G. chalcum JX310812: Brazil
G. concinnum MN077522
G. tuberculosum MG654352: USA
G. parvulum KU569528: Colombia
Ganoderma sp. KU569517: Colombia
G. tuberculosum MG654367 (2): USA
G. tuberculosum MG654363 (4): USA
G. resinaceum JX310824: Brazil
Ganoderma sp. LT726725: Cuba
Ganoderma sp. LT726726: Cuba
G. tuberculosum MG654357: USA
G. tuberculosum MG654354: USA
G. tuberculosum MT232634: Mexico
G. tuberculosum MT232639: Mexico
G. tuberculosum KF963255 (10): Martinique, Panama, USA
G. tuberculosum MG654359: USA
G. tuberculosum MG654361: USA
G. tuberculosum KY462115
G. tuberculosum MG654368 (2): USA
G. tuberculosum MG654369 (2): USA
Ganoderma sp. LT726719 (3): Cuba
G. philippii AJ608714/5: Malaysia
G. philippii MH152513 (3): China
G. philippii MH152514: China
G. philippii AJ536662: Indonesia
G. pseudoferreum KX454410
G. pseudoferreum KX454402
G. pseudoferreum FJ392283
G. pseudoferreum FJ392280 (5)
G. pseudoferreum FJ392281
Ganoderma sp. MK131243: Indonesia
G. pseudoferreum KX454378
G. philippii AJ627584: Malaysia
G. pseudoferreum KX454416
G. pseudoferreum KX454399
G. pseudoferreum KX454392
G. pseudoferreum FJ392285
G. australe LC084725: Malaysia
Ganoderma sp. MK131239: Indonesia
Uncultured soil fungus MF942546
G. australe LC084750: Malaysia
G. philippii AJ608713: Malaysia
G. philippii MG279188 (19): China, Indonesia, Thailand
G. pseudoferreum FJ392284
G. pseudoferreum FJ378651
G. pseudoferreum FJ392279 (2)
Ganoderma sp. AJ608711: Indonesia
G. philippii MG279166 (7)
G. pseudoferreum KX454341
G. pseudoferreum KX454403
G. pseudoferreum KX454381 (2)
G. pseudoferreum KX454380
G. pseudoferreum FJ374876
G. pseudoferreum FJ374874
G. pseudoferreum KX454382 (5)
G. pseudoferreum KX454415
G. pseudoferreum KX454394 (3)
G. pseudoferreum KX454386
G. pseudoferreum KX454417
G. philippii MG279167 (6)
G. pseudoferreum KX454339 (2)
G. pseudoferreum KX454396
G. pseudoferreum KX454409
Ganoderma sp. AJ536661 (3): Indonesia
G. philippii AJ608710: Indonesia
G. pseudoferreum KX454335 (2)
G. pseudoferreum KX454334 (10)
G. flexipes MH106873: China
G. flexipes JN383978: China
G. flexipes MK345430 (3): China, Laos, Vietnam
G. flexipes JN383979: China
G. flexipes JQ781850: China
Ganoderma sp. MH889141: India
G. wiioense KY009867: India
G. lucidum MH553170: India
G. wiioense KY009869: India
G. lucidum FJ982798
G. wiioense KT952363/NR 158480 (3): Ghana, India
G. wiioense KY009873: India
G. wiioense KY963355: India
Ganoderma sp. KJ510534: Senegal
G. wiioense KY009864
G. wiioense MF774620: India
G. lucidum AH008113: Argentina
G. lucidum AH008112: Argentina
G. multiplicatum MK345439 (2): Myanmar
G. multiplicatum MH106879: China
G. multiplicatum KU572489: China
G. multiplicatum KU572490: China
G. multiplicatum KU572488 (2): China
G. lingzhi AB811848 (3): Myanmar, Nepal
G. tsugae MG706221 (12): China, Malaysia
G. lucidum GU213476 (2)
G. lingzhi JQ781863 (2): China
G. lucidum JQ520171 (4): S. Korea
G. lingzhi MH294315 (4): China
G. lingzhi JQ781864 (6): China, Thailand
G. lingzhi MH160075 (20): China
G. lingzhi JF915396 (6): China
G. lingzhi MK345437 (2): Laos
G. calidophilum KY612892: China
G. lingzhi JF915405 (11): China
G. lingzhi MH294329 (2): China
G. sichuanense KC662402/NR 152892: China
G. sichuanense KT318600 (3)
G. lingzhi JQ781860 (3): China, Japan
G. lingzhi JQ781861 (47): China, Japan, S. Korea
G. lingzhi MH294308 (5): China
G. lucidum MH018027 (2)
G. lingzhi MH294301 (11): China
G. lucidum MH018022 (2)
G. lingzhi KM249915 (6): China
G. lucidum FJ463907 (5): India
G. lingzhi JF915404 (4): China
G. lucidum FJ463904 (4): India
G. lucidum DQ424981 (2): China
G. lingzhi MG732948 (2)
G. lingzhi JQ781867 (40): China, Thailand
G. lucidum MG706222 (4): China
G. lingzhi MH294304 (5): China
G. lingzhi JN197282 (3): China
G. lucidum FJ501555 (2)
G. lingzhi MH294317 (2): China
G. lingzhi MH160058 (4)
G. lingzhi KM249913 (10)
G. lucidum MF476199 (2): China
G. lingzhi JQ781855 (105): China, Japan, S. Korea, Thailand
G. lingzhi MH294306 (6): China
G. lucidum DQ424971 (3)
G. lingzhi JQ781858 (18): Bangladesh, China, Japan
G. lingzhi JQ781869 (38): China, S. Korea
G. lingzhi JF915397 (14): China, S. Korea
G. lingzhi JQ781871 (8): China

G. hehnelianum
G. applanatum
G. concinnum
G. tuberculosum
G. philippii
G. flexipes
G. wiioense
Ganoderma sp. A4
Ganoderma sp. A5
G. lingzhi

CLADE A
Cluster A.3

Group A.3.1





Supplementary Figure S2c. Phylogenetic reconstruction of the genus *Ganoderma* inferred from ML analysis based on ITS sequence data (pDS1c; Table 2) for Clade A, Cluster A.3. ML bootstrap values (BS) $\geq 65\%$ and Bayesian posterior probabilities (BPP) ≥ 0.95 are shown. Sequences names on the left appear as initially labelled, and are followed by the respective GenBank/ENA/DBJ or UNITE accession no., while the total number of identical entries corresponding to a particular sequence is placed in parentheses, followed by the type of host plant (legend for the colored shapes is found at the lower left side of tree) and geographic origin of the respective material (the latter appears in different font color depending on the continent of provenance; see also Tables 1 and S2). Species names on the right correspond to those inferred in this study evaluated in conjunction with literature data. Sequences included in the respective Figure (Fig. 5) of the manuscript appear in bold typeface, while underlined sequences are those originating from type material. Scale bar: 0.01 nucleotide substitutions per site.