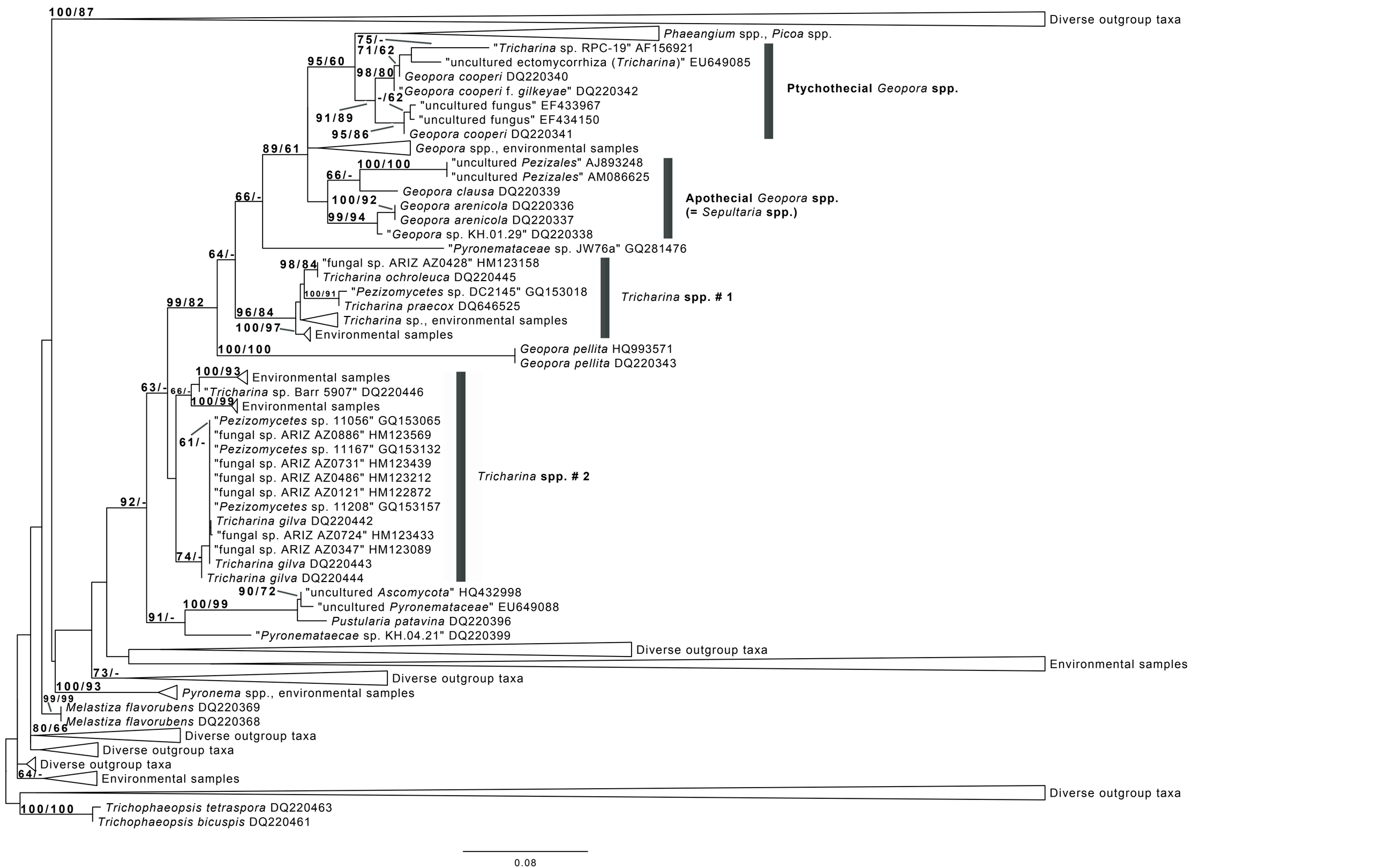
100/87
Diverse outgroup taxa
Phaeangium spp., Picoa spp.
75/-
71/62
"Tricharina sp. RPC-19" AF156921
"uncultured ectomycorrhiza (Tricharina)" EU649085
95/60
98/80
Geopora cooperi DQ220340
"Geopora cooperi f. gilkeyae" DQ220342
-/62
"uncultured fungus" EF433967
"uncultured fungus" EF434150
91/89
95/86
Geopora cooperi DQ220341
Ptychothecial Geopora spp.
89/61
Geopora spp., environmental samples
100/100
"uncultured Pezizales" AJ893248
"uncultured Pezizales" AM086625
66/-
Geopora clausa DQ220339
66/-
100/92
Geopora arenicola DQ220336
99/94
Geopora arenicola DQ220337
"Geopora sp. KH.01.29" DQ220338
Apothecial Geopora spp.
(= Sepultaria spp.)
"Pyronemataceae sp. JW76a" GQ281476
64/-
98/84
"fungal sp. ARIZ AZ0428" HM123158
Tricharina ochroleuca DQ220445
100/91
"Pezizomycetes sp. DC2145" GQ153018
Tricharina praecox DQ646525
Tricharina sp., environmental samples
Environmental samples
Tricharina spp. # 1
99/82
96/84
100/97
100/100
Geopora pellita HQ993571
Geopora pellita DQ220343
100/93
Environmental samples
63/-
66/-
"Tricharina sp. Barr 5907" DQ220446
100/99
Environmental samples
"Pezizomycetes sp. 11056" GQ153065
61/-
"fungal sp. ARIZ AZ0886" HM123569
"Pezizomycetes sp. 11167" GQ153132
"fungal sp. ARIZ AZ0731" HM123439
"fungal sp. ARIZ AZ0486" HM123212
"fungal sp. ARIZ AZ0121" HM122872
"Pezizomycetes sp. 11208" GQ153157
Tricharina gilva DQ220442
"fungal sp. ARIZ AZ0724" HM123433
"fungal sp. ARIZ AZ0347" HM123089
74/-
Tricharina gilva DQ220443
Tricharina gilva DQ220444
Tricharina spp. # 2
92/-
90/72
"uncultured Ascomycota" HQ432998
100/99
"uncultured Pyronemataceae" EU649088
91/-
Pustularia patavina DQ220396
"Pyronemataecae sp. KH.04.21" DQ220399
Diverse outgroup taxa
Environmental samples
73/-
Diverse outgroup taxa
100/93
Pyronema spp., environmental samples
99/99
Melastiza flavorubens DQ220369
Melastiza flavorubens DQ220368
80/66
Diverse outgroup taxa
Diverse outgroup taxa
Diverse outgroup taxa
64/-
Environmental samples
Diverse outgroup taxa
100/100
Trichophaeopsis tetraspora DQ220463
Trichophaeopsis bicuspis DQ220461
0.08