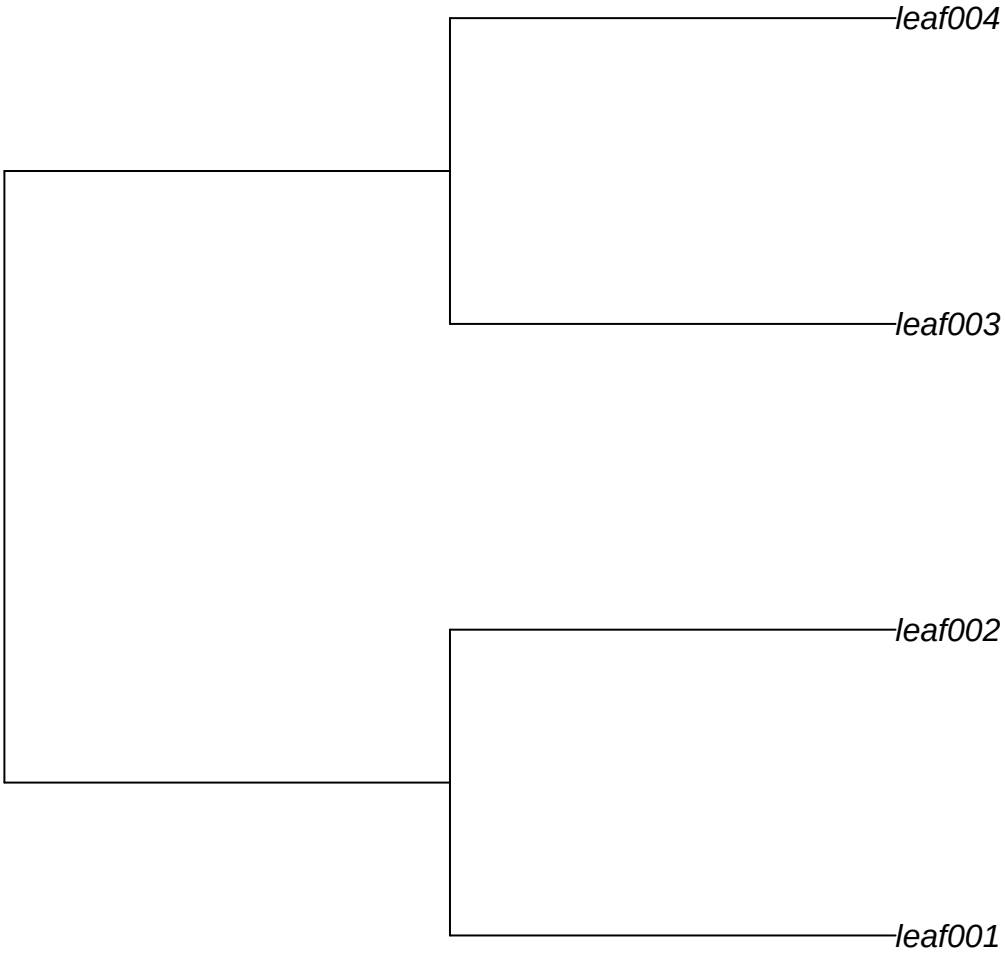
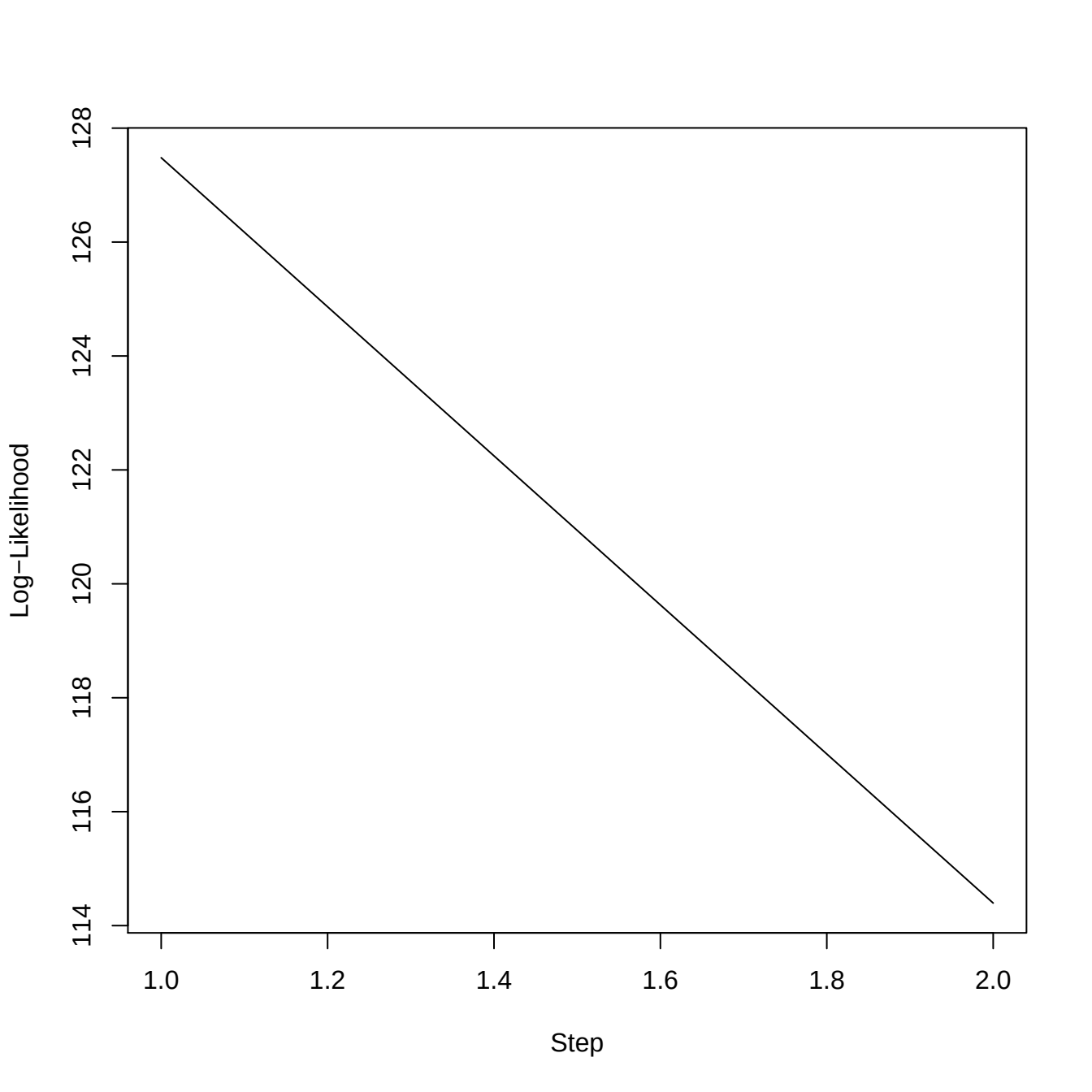
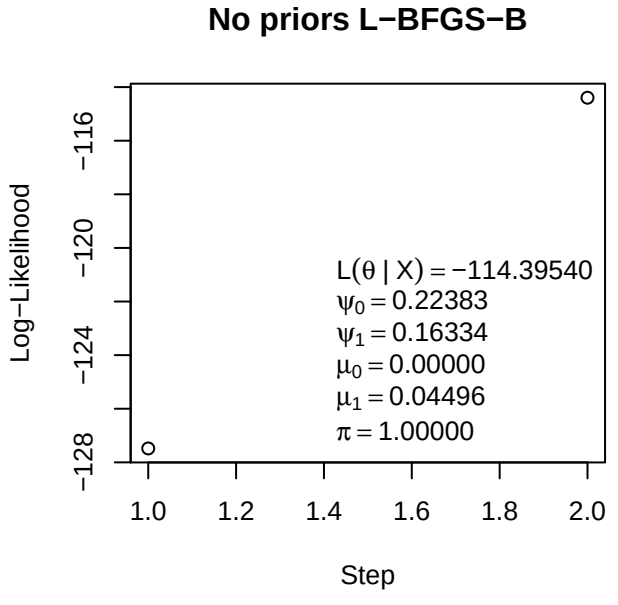
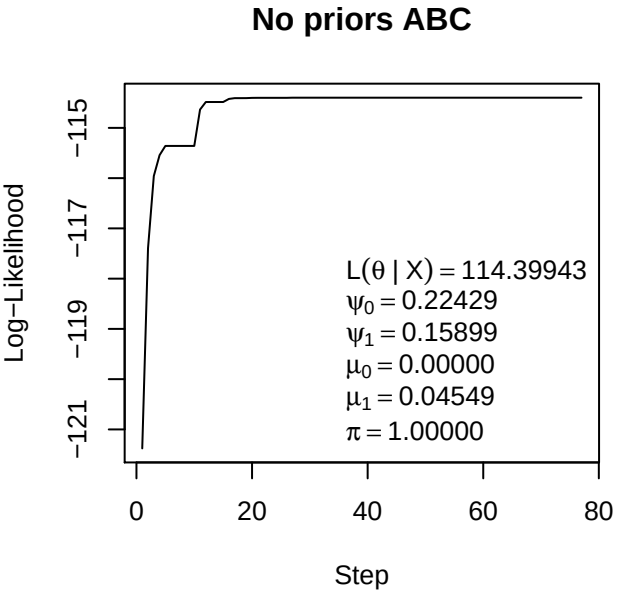
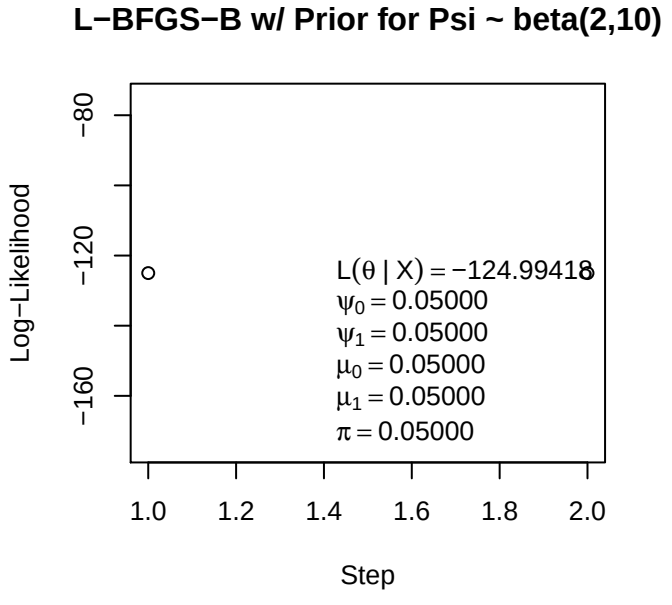
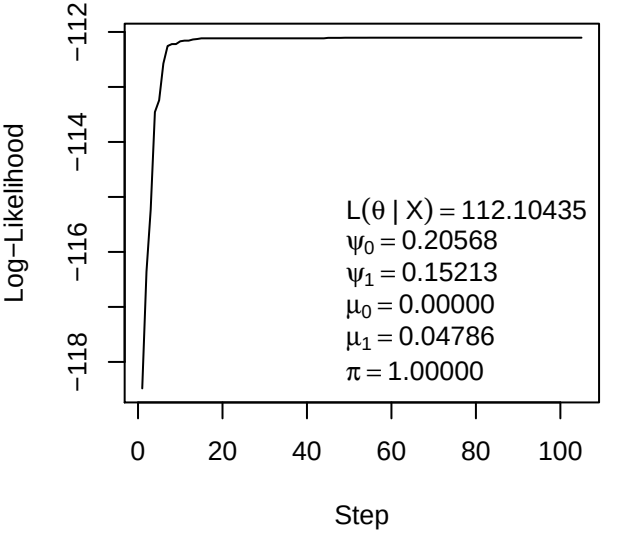

leaf004
leaf003
leaf002
leaf001

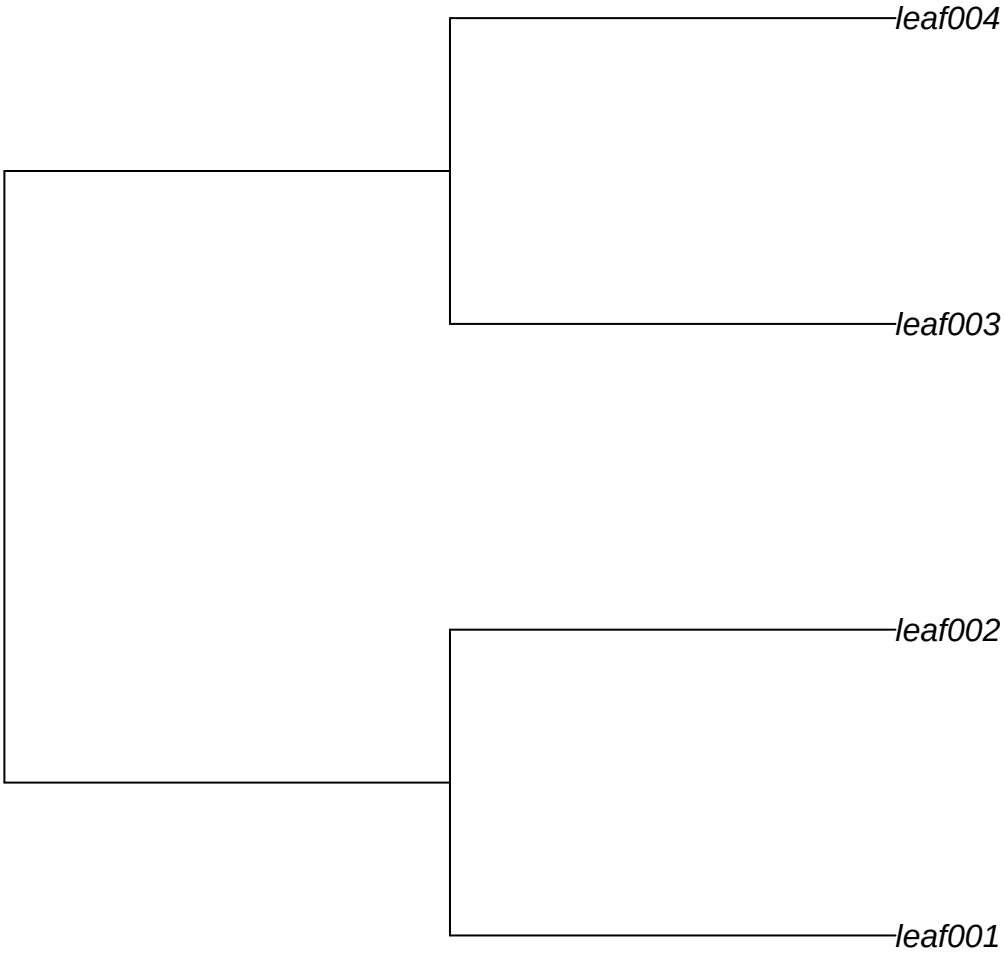

Log−Likelihood
128
126
124
122
120
118
116
114
1.0
1.2
1.4
1.6
1.8
2.0
Step


No priors L−BFGS−B
Log−Likelihood
−116
−120
−124
−128
1.0
1.2
1.4
1.6
1.8
2.0
Step
L(θ | X) = −114.39540
ψ0 = 0.22383
ψ1 = 0.16334
μ0 = 0.00000
μ1 = 0.04496
π = 1.00000


No priors ABC
Log−Likelihood
−115
−117
−119
−121
0
20
40
60
80
Step
L(θ | X) = 114.39943
ψ0 = 0.22429
ψ1 = 0.15899
μ0 = 0.00000
μ1 = 0.04549
π = 1.00000

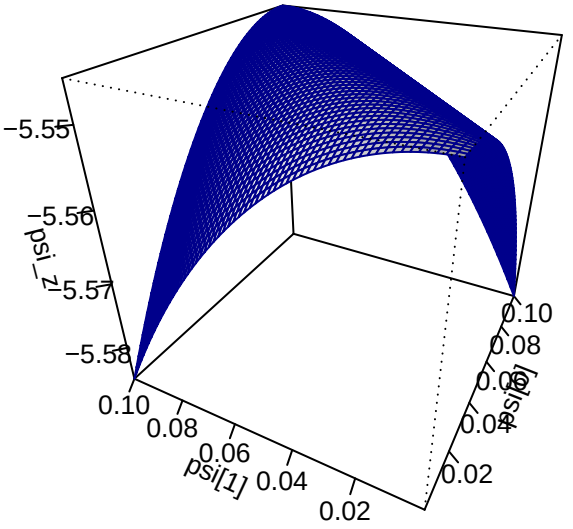

L−BFGS−B w/ Prior for Psi ~ beta(2,10)
Log−Likelihood
−80
−120
−160
1.0
1.2
1.4
1.6
1.8
2.0
Step
L(θ | X) = −124.99418
ψ0 = 0.05000
ψ1 = 0.05000
μ0 = 0.05000
μ1 = 0.05000
π = 0.05000


ABC w/ Prior for Psi ~ beta(2,10)
Log−Likelihood
−112
−114
−116
−118
0
20
40
60
80
100
Step
L(θ | X) = 112.10435
ψ0 = 0.20568
ψ1 = 0.15213
μ0 = 0.00000
μ1 = 0.04786
π = 1.00000

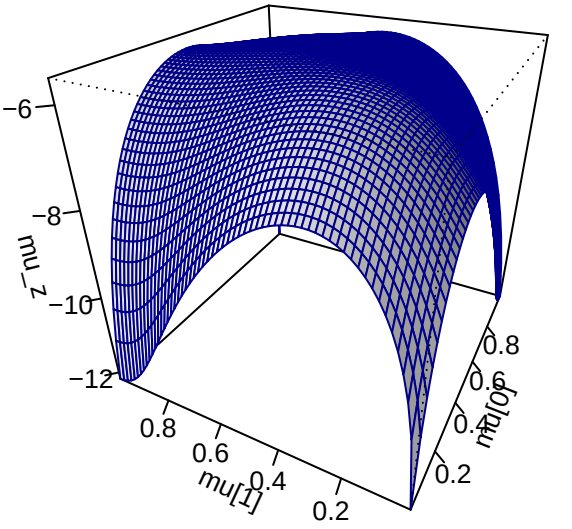

leaf004
leaf003
leaf002
leaf001

LogLikelihood

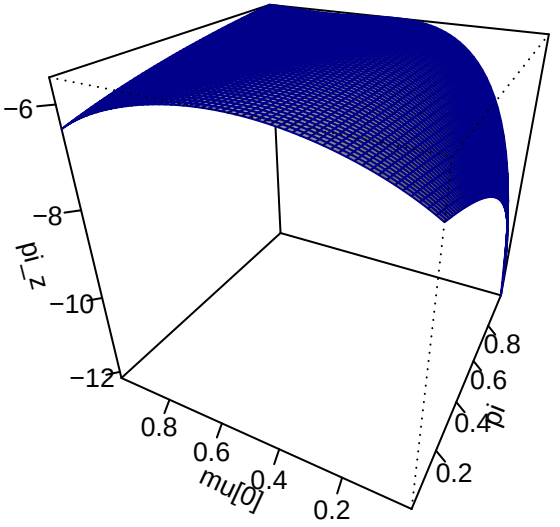
$\mu = 0.5000$ and $\pi = 0.5000$



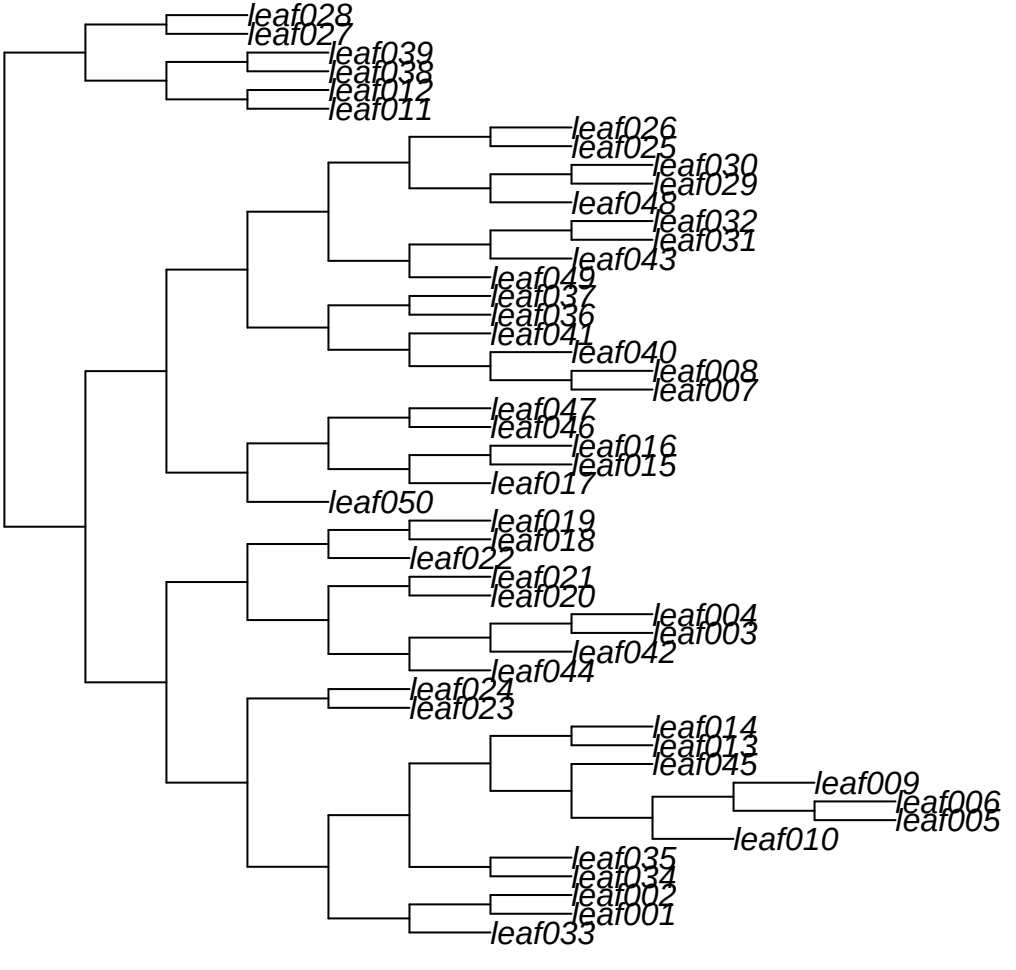
$\psi = 0.0500$ and $\pi = 0.5000$



$\psi = 0.0500$ and $\mu_1 = 0.5000$



π Root node probabilities
ψ Misclassification probabilities
μ Loss/Gain probabilities


leaf028
leaf027
leaf039
leaf038
leaf012
leaf011
leaf026
leaf025
leaf030
leaf029
leaf048
leaf032
leaf031
leaf043
leaf049
leaf037
leaf036
leaf041
leaf040
leaf008
leaf007
leaf047
leaf046
leaf016
leaf015
leaf017
leaf050
leaf019
leaf018
leaf022
leaf021
leaf020
leaf004
leaf003
leaf042
leaf044
leaf024
leaf023
leaf014
leaf013
leaf045
leaf009
leaf006
leaf005
leaf010
leaf035
leaf034
leaf002
leaf001
leaf033