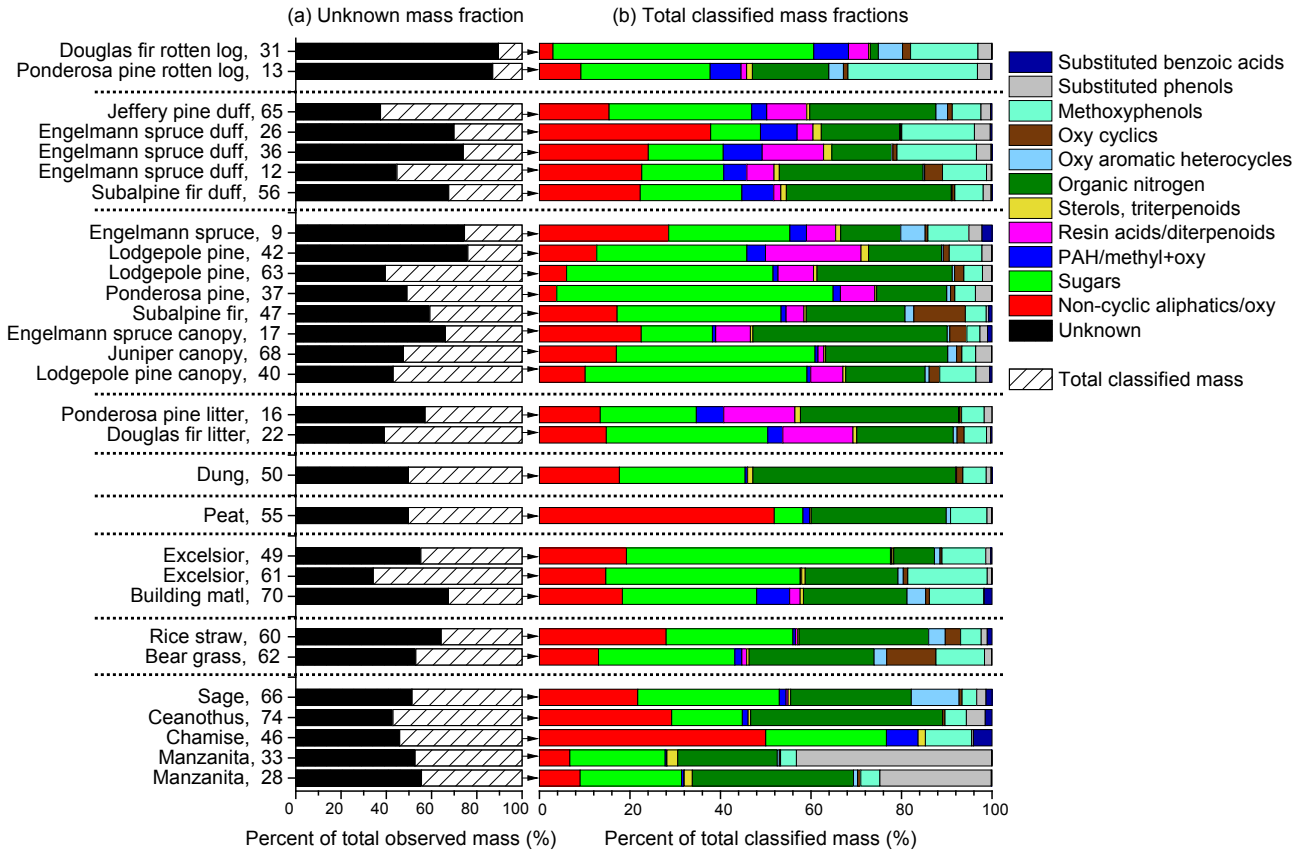
(a) Unknown mass fraction
(b) Total classified mass fractions
Douglas fir rotten log, 31
Ponderosa pine rotten log, 13
Jeffery pine duff, 65
Engelmann spruce duff, 26
Engelmann spruce duff, 36
Engelmann spruce duff, 12
Subalpine fir duff, 56
Engelmann spruce, 9
Lodgepole pine, 42
Lodgepole pine, 63
Ponderosa pine, 37
Subalpine fir, 47
Engelmann spruce canopy, 17
Juniper canopy, 68
Lodgepole pine canopy, 40
Ponderosa pine litter, 16
Douglas fir litter, 22
Dung, 50
Peat, 55
Excelsior, 49
Excelsior, 61
Building matl, 70
Rice straw, 60
Bear grass, 62
Sage, 66
Ceanothus, 74
Chamise, 46
Manzanita, 33
Manzanita, 28
0
20
40
60
80
100
Percent of total observed mass (%)
Percent of total classified mass (%)
Substituted benzoic acids
Substituted phenols
Methoxyphenols
Oxy cyclics
Oxy aromatic heterocycles
Organic nitrogen
Sterols, triterpenoids
Resin acids/diterpenoids
PAH/methyl+oxy
Sugars
Non-cyclic aliphatics/oxy
Unknown
Total classified mass