

Supplemental Materials
for
Terpenoid compositions of resins from *Callitris* species (Cupressaceae)

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Figure S1. Mass spectra of derivatives and related or isomeric terpenoids.

Figure S1. Mass spectra of derivatives and related or isomeric terpenoids:

- (a) Callitrisin (I),
- (b) columellarin (II),
- (c) dihydrocolumellarin (III),
- (d) dehydroabietane (IV, standard),
- (e) callitrisol (V),
- (f) ferruginol (VI, standard),
- (g) sandaracopimara-8(14),15-dien-3 β -ol (VII),
- (h) callitrisic acid (X, standard),
- (i) dehydroabietic acid (XI, standard),
- (j) veadeiroic acid (standard),
- (k) 19-hydroxyferruginol (XVIII, standard),
- (l) hinokiol (XIX),
- (m) 3 β ,18-dihydroxypimara-8(14),15-diene (XX),
- (n) methyl abieta-6,8,11,13-tetraen-18-oate (standard),
- (o) methyl cleistantha-6,8,11,13-tetraen-19-oate (standard),
- (p) methyl abieta-8,11,13,15-tetraen-18-oate,
- (q) methyl cleistantha-8,11,13,15-tetraen-19-oate (standard),
- (r) methyl dehydroabietate (XI, standard),
- (s) methyl veadeiroate (standard),
- (t) methyl 5 β -callitrisate (standard),
- (u) methyl 5 β -dehydroabietate (standard),
- (v) methyl 10 β (H)-9,10-*seco*-callitrisate,
- (w) methyl 10 α (H)-9,10-*seco*-callitrisate,
- (x) methyl 10 β (H)-9,10-*seco*-dehydroabietate,
- (y) methyl 10 α (H)-9,10-*seco*-dehydroabietate,
- (z) methyl 4,5,9,10-bis-*seco*-dehydroabietate,

- (aa) callitrisic acid-TMS (X, standard),
- (bb) dehydroabietic acid-TMS (XI, standard),
- (cc) veadeiroic acid-TMS (standard),
- (dd) 4-*epi*-pimaric acid-TMS (XII),
- (ee) *iso*-communic acid-TMS (XIII),
- (ff) 12Z-communic acid-TMS (XIV),
- (gg) 12E-communic acid-TMS (XV),
- (hh) sandaracopimaric acid-TMS (XVI, standard),
- (ii) ozic acid-TMS (XVIII),
- (jj) 10 β (H)-9,10-*seco*-dehydroabietic acid-TMS,
- (kk) 4,5,9,10-bis-*seco*-dehydroabietic acid-TMS,
- (ll) 10 α (H)-9,10-*seco*-dehydroabietic acid-TMS,
- (mm) 7-oxodehydroabietic acid-TMS (standard),
- (nn) lambertianic acid-TMS (XXII, standard).

Note - structures shown on mass spectra and listed above are a reference standard, or are tentative based on a literature citation and interpretation of the fragmentation pattern with consideration of the relative GC retention index.









