Supplementary Table S1. Relative abundance of extracts components and buds extraction yield.

No.	Component	RT [min]	MIXED P.M×P.TRI ETOH	MIXED P.M×P.TRI W/E	MIXED P.RO ETOH	MIXED P.RO W/E	MIXED P.TA.1×P.TRI ETOH	MIXED P.TA.1×P.TRI W/E	MIXED P.TA.2×P.TRI ETOH	MIXED P.TA.2×P.TRI W/E	MIXED P.TRI ETOH	MIXED P.TRI W/E	HYDROXYCINNAMIC ACIDS GLYCERIDES P.LAS ETOH	P.LAS W/E	P.WIL ETOH	P.WIL W/E	P.×WCA ETOH	P.×WCA W/E	HYDROXYCINNAMIC ACIDS MONOESTERS P.N.1 ETOH	P.N.1 W/E	P.N.2 ETOH	P.N.2 W/E
1	Unidentified	0.84	-	-	-	-	-	-	-	-	-	-	-	-	+	-	tr	-	-	-	-	-
2	Unidentified	0.87	-	+	-	++	-	+	-	tr	-	++	-	++	-	+++	-	+++	-	+	-	tr
3	Unidentified	0.89	+	tr	tr	-	tr	tr	tr	tr	tr	-	tr	-	-	-	tr	-	+	tr	+	tr
4	Unidentified	1.22	-	+	-	tr	-	+	-	tr	-	tr	-	+	-	+	-	+	-	tr	-	+
5	Leonuriside A	4.31	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr
6	Chlorogenic acid	6.55	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
7	Caffeoylglucose isomer I	8.24	tr	tr	-	-	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	+	tr
8	Caffeoylglucose isomer II	9.19	tr	tr	-	-	-	tr	tr	tr	-	-	tr	tr	tr	-	-	tr	tr	tr	tr	tr
9	Vanilline	9.36	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
10	Salicyl alcohol dihexoside	10.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
11	Caffeoylglucose isomer III	10.24	tr	tr	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
12	*p*-Coumaric acid hexoside isomer I	10.54	tr	tr	-	-	tr	tr	tr	tr	-	-	+	tr	+	tr	tr	tr	tr	tr	tr	tr
13	Catechin or Epicatechin	10.87	tr	tr	-	-	tr	tr	tr	tr	-	-	+	tr	+	tr	tr	tr	tr	tr	tr	+
14	Caffeic acid	11.46	tr	tr	++	+	tr	tr	-	tr	tr	tr	+	tr	tr	tr	tr	tr	+	tr	+	+
15	di-Caffeoylglycerol	11.91	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	tr	-	-	-	-
16	Feruloyl or isoferuloyl hexoside isomer I	12.14	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
17	Methoxybenzaldehyde	12.64	tr	tr	-	-	+	+	++	++	tr	tr	-	-	-	-	-	-	-	-	-	-
18	Caffeoylglycerol	13.06	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	tr	tr	tr	tr	tr
19	*p*-Coumaric acid hexoside isomer II	13.11	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
20	Feruloyl or isoferuloyl hexoside isomer II	13.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
21	*p*-Coumaric acid	14.42	+++	+++	+++++	++++	++	++	++++	++++	++++++	+++++	tr	tr	tr	+	tr	tr	tr	tr	tr	tr
22	3,4,5-Trimethoxycinnamic acid	14.42	-	-	-	-	-	-	-	-	-	-	tr	-	tr	+	-	-	-	-	-	-
23	Salicortin	14.93	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr
24	7-*O*-caffeoylsalirepin	15.18	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Ferulic acid	15.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	-	-
26	Caffeic acid dihydroxypentyl or isopentyl ester isomer I	15.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
27	Isoferulic acid	15.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
28	Taxifolin (Dihydroquercetin) isomer I	16.00	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
29	Caffeic acid derivate	16.01	tr	tr	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-
30	Caffeic acid derivate	16.23	tr	tr	-	-	tr	tr	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-
31	Caffeic acid derivate	16.46	tr	tr	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	tr	tr	tr
32	Caffeic acid derivate	16.65	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	+	tr	tr	tr	tr	tr	tr	tr
33	Unidentified	16.67	-	-	-	-	-	-	-	-	-	-	+	+	-	+	-	tr	-	-	-	-
34	Populoside isomer I	16.68	tr	tr	-	-	-	tr	-	tr	tr	tr	-	-	-	-	-	-	-	-	-	-
35	Azelaic acid (Nonanedioic acid)	17.07	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	-	tr
36	Coumaric derivate	17.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Populoside isomer II	17.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Eriodictyol (Dihydroluteolin) isomer	17.37	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-
39	Unidentified	17.40	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-
40	Pinobanksin- or Naringenin-7-*O*-hexoside	17.57	-	-	-	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Unidentified	17.69	tr	-	-	-	tr	tr	-	-	-	-	+	+	tr	tr	tr	tr	tr	tr	tr	tr
42	Vanilloyl-methyl-ketone	17.79	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-
43	Taxifolin (Dihydroquercetin) isomer II	17.84	-	-	-	-	tr	-	-	-	-	-	tr	-	tr	-	-	-	-	-	-	-
44	Salireposide	18.27	tr	tr	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-
45	Unidentified	18.46	-	-	-	-	-	-	-	-	-	-	-	-	+	tr	tr	tr	-	-	-	-
46	Unidentified	18.48	tr	-	tr	tr	tr	-	-	-	tr	tr	tr	-	-	-	-	-	tr	tr	tr	tr
47	Unidentified	18.48	-	tr	-	-	-	-	-	-	-	-	-	-	+	+	tr	+	-	-	-	-
48	Eriodictyol (Dihydroluteolin)	18.83	-	-	tr	tr	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-
49	Isograndidentatin A	18.88	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-
50	Grandidentatin	19.30	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-
51	Caffeic acid dimethyl ether	19.48	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
52	Caffeic acid derivate	19.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	Dihydroisorhamnetin	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	Populoside isomer III	20.91	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	-	-	-	-
55	Apigenin-7-*O*-glucoside (Apigetrin)	21.10	-	-	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Diosmetin 7-*O*-rutinoside	21.21	tr	tr	-	-	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-
57	Unidentified	22.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Caffeic acid derivate	22.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	Caffeic ethyl ester	22.65	-	-	-	tr	-	tr	-	-	-	-	tr	+	-	+	-	tr	tr	tr	tr	+
60	Aromadendrin (Dihydrokaempferol)	23.08	-	-	-	-	tr	tr	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	tr
61	Pinobanksin 5-methyl ether	23.40	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62	Kaempferol 3-methyl ether (Isokaempferide)	23.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	Unidentified	23.83	tr	-	-	-	tr	-	-	-	-	-	++	+	+	tr	tr	tr	+	tr	tr	tr
64	di-Caffeoylglycerol	24.58	-	-	-	-	-	-	-	-	-	-	+	+	tr	tr	tr	tr	-	-	-	-
65	Quercetin	25.10	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	+	tr	+	tr
66	Caffeic acid derivate	25.33	tr	tr	tr	tr	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	tr
67	Luteolin	25.40	-	-	-	-	-	-	-	-	-	-	tr	-	tr	tr	-	-	-	-	-	-
68	Quercetin 3-methyl ether	26.85	tr	tr	-	-	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-
69	Pinobanksin (Dihydrogalangin)	27.25	+	+	++	++	+	+	tr	tr	+	+	-	-	-	tr	-	-	tr	tr	tr	-
70	Boropinic acid (Caffeic acid 3-methyl, 4-(3-methyl-2-buten-1-yl) ether)	28.52	+	+	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
71	Naringenin (Dihydroapigenin)	28.60	-	-	+	tr	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	tr	tr	tr	tr
72	Chrysin 5-methyl ether	28.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	Eriodictyol 3'-methyl ether (Homoeriodictyol) or Eriodictyol 4'-methyl ether (Hesperetin)	28.87	+	+	tr	tr	tr	tr	tr	tr	+	+	-	-	-	-	-	-	-	-	-	-
74	1-Caffeoyl-3-*p*-coumaroylglycerol	28.96	-	-	-	-	-	-	-	-	-	-	+	+	+	tr	+	tr	-	-	-	-
75	Flavonoid	29.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Caffeic acid derivate	29.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	Caffeic acid propyl or isopropyl ester	29.88	tr	tr	tr	tr	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-
78	Aromadendrin 7-methyl ether	30.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Naringenin chalcone	30.45	tr	tr	+	+	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-
80	Apigenin	30.51	+	tr	+	tr	tr	tr	tr	tr	+	tr	-	-	tr	tr	tr	-	tr	tr	tr	tr
81	Kaempferol	31.19	+	+	+	+	tr	tr	tr	tr	+	tr	-	-	-	-	-	-	-	-	-	-
82	Caffeic acid hydroxyphenylethyl ester	31.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
83	Quercetin 3'-methyl ether (Isorhamnetin)	31.77	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	tr	-	tr	-
84	Quercetin methyl ether isomer I	32.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85	Luteolin 5-methyl ether	33.03	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-
86	Syringenin (sinapyl alcohol)	33.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	Caffeic acid butenyl or isobutenyl ester	33.73	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
88	Quercetin dimethyl ether isomer I	33.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	*p*-Coumaric acid derivate	33.81	+	+	-	-	tr	tr	tr	tr	++	+	-	-	-	-	-	-	-	-	-	-
90	1,3-di-*p*-Coumaroylglycerol	33.98	-	-	-	-	-	-	-	-	-	-	+	tr	+	+	+	tr	-	-	-	-
91	Galangin 5-methyl ether	34.41	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92	1,2-di-*p*-Coumaroylglycerol	34.46	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-
93	Pinobanksin 5-methyl ether 3-acetate	34.69	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94	*m*-Coumaric acid (3-Hydroxycinnamic acid)	35.01	tr	-	-	-	tr	-	tr	tr	+	tr	-	-	-	-	-	-	-	-	-	-
95	Pinobanksin 3-hydroxybutanoate isomer I	35.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	2-Acetyl-1,3-di-caffeoylglycerol	35.23	-	-	-	-	-	-	-	-	-	-	+++++	+++	+	tr	+	tr	-	-	tr	tr
97	1-Acetyl-2,3-di-caffeoylglycerol	35.73	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	-	-	-	-	-
98	Caffeic acid derivate	35.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	Quercetin methyl ether isomer II	36.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	Quercetin 7-methyl ether (Rhamnetin)	36.53	tr	tr	+	tr	tr	-	-	-	tr	-	-	-	-	-	-	-	tr	-	tr	-
101	Kaempferol methyl ether isomer I	36.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	-	-
102	Caffeic acid butyl or isobutyl ester isomer I	37.33	tr	tr	+	tr	-	-	-	-	tr	tr	-	-	-	-	-	-	+	tr	+	tr
103	Pinobanksin 3-hydroxybutanoate isomer II	37.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	Unidentified	37.74	tr	tr	tr	tr	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
105	Caffeic acid butyl or isobutyl ester isomer II	37.96	-	-	tr	-	-	-	-	-	tr	tr	-	-	-	-	-	-	tr	tr	tr	tr
106	2',4',6'-Trihydroxypentanophenone	38.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	Quercetin dimethyl ether isomer II	39.00	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	-	-	-
108	Caffeic acid 2-methyl-2-butenyl ester	39.19	tr	tr	tr	tr	+	+	tr	tr	tr	tr	-	-	-	-	-	-	++++	+++	++++	+++
109	Quercetin dimethyl ether isomer III	39.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	Caffeic acid 3-methyl-2-butenyl ester (basic prenyl ester)	40.68	tr	tr	tr	tr	++	+	tr	tr	tr	tr	-	-	-	-	-	-	+++++	++++	+++++	+++
111	Caffeic acid 3-methyl-3-butenyl ester (prenyl ester isomer I)	41.16	+	+	+	+	+	+	tr	tr	+	+	-	-	-	-	-	-	++	++	++	+
112	Dihydrosakuranetin chalcone	41.56	+	+	++	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
113	Unidentified	41.66	+	+	-	-	+	+	tr	tr	++	++	-	-	-	-	-	-	-	-	-	-
114	2-Acetyl-1-caffeoyl-3-*p*-coumaroylglycerol	41.79	-	-	-	-	-	-	-	-	-	-	+++	++	++	+	+	tr	-	-	-	-
115	Chrysin	42.12	+	+	+++	++	+	+	-	-	+	+	-	-	-	-	-	-	++	+	++	+
116	Caffeic acid benzyl ester	42.55	tr	tr	+	+	tr	tr	-	-	tr	tr	-	-	-	-	-	-	+	+	++	+
117	2-Acetyl-3-caffeoyl-2-feruloylglycerol	42.59	-	-	-	-	-	-	-	-	-	-	+	tr	+	-	+	-	-	-	-	-
118	Flavonoid	42.60	tr	tr	tr	tr	tr	tr	tr	tr	+	tr	-	-	-	-	-	-	tr	-	tr	tr
119	Unidentified	42.71	tr	tr	-	-	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-
120	Pinocembrin (Dihydrochrysin)	43.07	+	+	+++++	+++	++	+	+	+	++	++	-	-	-	-	-	-	+++	++	++	++
121	Pinocembrin chalcone	43.28	+	+	+	+	++	+	+	+	++	+	-	-	-	-	-	-	+	+	++	+
122	Naringenin 7-methyl ether (Sakuranetin)	43.32	-	-	-	-	tr	tr	-	-	++	tr	-	-	-	-	-	-	tr	tr	tr	tr
123	Unidentified	43.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	Naringenin 4'-methyl ether (Isosakuranetin)	44.31	++	+	++	+	+	tr	+	+	++	++	-	-	-	-	-	-	+	+	+	tr
125	Galangin	44.82	+	+	++	+	+	tr	tr	tr	++	+	-	-	-	-	-	-	tr	tr	tr	tr
126	Isosakuranetin dihydrochalcone	44.91	++	++	++	++	++	++	+++	+++	++	+	-	-	-	-	-	-	-	-	-	-
127	Pinocembrin dihydrochalcone	45.45	++	+	++++	+++	++	+	++	+++	++	++	-	-	-	-	-	-	tr	tr	tr	tr
128	Apigenin 4'-methyl ether (Acacetin) or Apigenin 7-methyl ether (Genkwanin)	45.45	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	tr	tr	tr	tr
129	Caffeic acid pentyl or isopentyl ester	46.52	tr	tr	+	+	-	-	-	-	+	tr	-	-	-	-	-	-	tr	tr	tr	tr
130	Caffeic acid phenethyl ester (CAPE)	46.82	tr	tr	+	+	+	+	-	-	tr	tr	-	-	-	-	-	-	+++++	++++	++++++	++++
131	Kaempferol 4'-methyl ether (Kaempferide)	46.89	-	-	+	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	Pinobanksin 3-acetate	47.27	+	+	++++	+++	+	+	+	+	++	+	-	-	-	-	-	-	-	-	-	-
133	Kaempferol methyl ether isomer II	47.52	+	+	-	-	tr	tr	tr	tr	+	+	-	-	-	-	-	-	-	-	-	-
134	Tetramethyl flavonoid	47.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	Methoxychrysin	47.87	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	2',6'-Dihydroxy-4'-methoxypentanophenone	48.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	Unidentified	48.12	+	+	+	+	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
138	Unidentified	48.93	tr	tr	tr	tr	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
139	Kaempferol-3,4'-dimethyeter (Ermanin)	49.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	*p*-Coumaric acid 3-methyl-3-butenyl ester	50.27	tr	tr	+	tr	tr	tr	+	+	+	+	-	-	-	-	-	-	+	tr	tr	tr
141	2-Acetyl-1,3-di-*p*-coumaroylglycerol	50.51	-	-	-	-	-	-	-	-	-	-	++	+	++	+	++	tr	-	-	-	-
142	1-Acetyl-2-*p*-coumaroyl-3-feruloylglycerol	51.48	-	-	-	-	-	-	-	-	-	-	+	tr	-	-	-	-	-	-	-	-
143	1-Acetyl-2,3-di-*p*-coumaroylglycerol	51.68	-	-	-	-	-	-	-	-	-	-	tr	-	tr	tr	tr	tr	-	-	-	-
144	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	51.75	+	+	+	tr	+	tr	tr	tr	+	+	-	-	-	-	-	-	+	+	tr	tr
145	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	52.43	++	++	++	++	+	tr	+	+	+++	++	-	-	-	-	-	-	tr	tr	tr	-
146	Unidentified	53.16	+	+	tr	tr	tr	tr	tr	tr	+	tr	-	-	tr	tr	tr	tr	-	-	+	tr
147	*p*-Coumaric acid benzyl ester	53.48	+	+	++	++	tr	tr	+	+	+	+	-	-	-	-	-	-	tr	tr	tr	-
148	Unidentified	54.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	Ferulic acid benzyl ester	54.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	Caffeic acid phenylpropenyl ester	55.71	tr	tr	+	-	+	tr	tr	tr	+	tr	-	-	-	-	-	-	tr	tr	tr	tr
151	Caffeic acid phenylpropyl ester	55.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	Pinobanksin 3-propanoate	57.82	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	Caffeic acid hexyl or isohexyl ester isomer I	57.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	tr
154	*p*-Coumaric acid phenethyl ester	58.08	+	+	++	+	tr	tr	-	-	++	+	-	-	-	-	-	-	++	+	+	tr
155	Unidentified	58.78	++	++	++	+	tr	tr	tr	tr	+++	++	-	-	-	-	-	-	-	-	-	-
156	Caffeic acid hexyl or isohexyl ester isomer II	59.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	Unidentified	59.68	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	tr	-	tr	-
158	Pinostrobin chalcone	60.28	++	+	+++	+	++	+	++	++	++++	++	-	-	-	-	-	-	++++	+	+++	+
159	Unidentified	61.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	tr	-
160	2',6'-Dihydroxy-4',4-dimethoxydihydrochalcone (Calomelanone)	61.32	+	+	++	+	++	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-
161	2',6'-Dihydroxy-4'-methoxydihydrochalcone	61.90	+++	++	++++	+++	+++	++	+++	+++	++++	++	-	-	-	-	-	-	tr	tr	+	tr
162	Tectochrysin	62.70	tr	-	+	tr	-	-	-	-	tr	-	-	-	-	-	-	-	+	tr	+	tr
163	Pinobanksin 3-butenoate or isobutenoate	62.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164	Pinocembrin 7-methyl ether (Pinostrobin)	63.20	+	+	++	++	+	+	++	+	++	++	-	-	-	-	-	-	++++	+++	++++	++
165	Unidentified	63.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	tr	+	-
166	*p*-Coumaric acid cinnamyl ester	63.94	++	+	+++	++	+	+	+++	+++	+++++	+++	-	-	-	-	-	-	+	-	tr	-
167	Unidentified	64.26	-	-	+	tr	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
168	Caffeic acid heptyl or isoheptyl ester	64.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	-
169	Pinobanksin 3-butanoate or isobutanoate	64.74	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	Unidentified	64.81	tr	tr	+	tr	tr	-	tr	tr	+	tr	-	-	-	-	-	-	tr	-	tr	-
171	Balsacone A/B/E/F isomer I	65.06	+	tr	+	tr	+	+	+	+	+	tr	-	-	-	-	-	-	-	-	-	-
172	Unidentified	65.21	+	tr	++	+	+	tr	+	+	+	+	-	-	-	-	-	-	+	tr	tr	-
173	Balsacone A/B/E/F isomer II	65.37	+	+	+	+	++	+	++	++	++	+	-	-	-	-	-	-	-	-	-	-
174	Unidentified	65.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
175	Pinobanksin 3-pentenoate or isopentenoate isomer I	65.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176	Balsacone C or Balsacone D	65.72	+	+	+++	++	+	+	+++	++	++	+	-	-	-	-	-	-	-	-	-	-
177	Unidentified	65.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	Pinobanksin 3-pentenoate or isopentenoate isomer II	65.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
179	Unidentified	65.76	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	-
180	Unidentified	66.01	tr	tr	-	-	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-
181	Unidentified	66.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	-
182	Unidentified	66.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183	Unidentified	66.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
184	Unidentified	66.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185	Pinobanksin 3-benzoate	66.80	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
186	Unidentified	67.12	tr	tr	tr	-	tr	tr	-	-	+	tr	-	-	-	-	-	-	-	-	-	-
187	Pinobanksin derivate	67.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	Unidentified	67.63	-	-	-	-	-	-	-	-	-	-	-	-	++++	++	++++	+	-	-	tr	-
189	Pinobanksin 3-pentanoate or isopentanoate isomer I	67.76	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	Pinobanksin 3-pentanoate or isopentanoate isomer II	67.91	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
191	Caffeic acid monoterpene (geranyl) ester	68.07	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	++	+	++	+
192	Unidentified	68.20	tr	-	tr	tr	tr	tr	tr	tr	+	tr	-	-	-	-	-	-	-	-	-	-
193	Unidentified	68.49	+	tr	+	tr	+	tr	+	+	+	tr	-	-	-	-	-	-	-	-	-	-
194	Pinobanksin 3-hexenoate or isohexenoate	68.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
195	Unidentified	68.70	-	+	-	-	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-
196	Ricinoleic acid or 8-(3-octyloxiran-2-yl)octanoic acid	68.84	-	-	-	-	-	-	-	-	-	-	tr	-	++	+	++	tr	tr	tr	tr	-
197	Balsacone L	68.86	-	-	-	-	-	-	-	-	+	tr	-	-	-	-	-	-	-	-	-	-
198	Pinobanksin 3-cinnamate	68.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
199	Unidentified	69.01	+	tr	+	tr	+	tr	+	+	++	+	-	-	-	-	-	-	+	tr	tr	-
200	Pinobanksin 3-hydroxycinnamate	69.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201	Balsacone J or Balsacone P	69.16	-	-	+	-	-	-	+	-	tr	-	-	-	-	-	-	-	-	-	-	-
202	Metoxycinnamic acid cinnamyl ester	69.27	tr	tr	-	-	+	tr	-	-	tr	tr	tr	-	tr	tr	+	tr	+++	+	+++	+
203	Unidentified	69.29	+	+	++	+	+	tr	++	+	++	+	-	-	-	-	-	-	-	-	-	-
204	Pinobanksin 3-hexanoate or -isohexanoate isomer I	69.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	Pinobanksin 3-heptenoate or -isoheptenoate isomer I	69.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	Metoxycinnamic acid cinnamyl ester isomer II	69.82	tr	tr	-	-	tr	tr	-	-	-	-	-	-	+	-	tr	-	+	tr	tr	tr
207	Pinobanksin 3-hexanoate or -isohexanoate isomer II	69.87	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208	Iryantherin D or Balsacone K	70.20	-	-	tr	-	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-
209	Unidentified	70.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	Unidentified	70.64	tr	tr	tr	tr	tr	-	-	-	tr	-	tr	-	+	tr	+	tr	+	tr	+	tr
211	Unidentified	70.78	-	-	-	-	-	-	-	-	-	-	-	-	++	+	++	tr	-	-	-	-
212	Pinobanksin 3-phenylpentenoate or phenylisopentenoate ester	70.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
213	Unidentified	71.37	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
214	2-Hydroxyethyl palmitate or 12-Hydroxystearic acic	71.52	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	+	-	-	-	-	-
215	Unidentified	71.84	tr	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
216	Unidentified	72.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	tr	-
217	Unidentified	72.48	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-
218	Unidentified	73.07	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219	Unidentified	73.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	Unidentified	74.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
221	Unidentified	74.70	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
222	Unidentified	76.33	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	tr	-	tr	-
223	Unidentified	77.88	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-
		Extraction yield [% of dry mass]	43.79%	32.04%	52.06%	40.64%	34.99%	25.86%	47.51%	37.82%	48.42%	37.75%	8.13%	9.67%	6.54%	7.73%	15.49%	11.87%	26.30%	19.62%	34.62%	27.18%

No.	Component	FLAVONOID + HYDROXYCINNAMIC ACID MONOESTERS P.BA ETOH	P.BA W/E	P.CA ETOH	P.CA W/E	P.M×P.B ETOH	P.M×P.B W/E	P.×PE.1 ETOH	P.×PE.1 W/E	P.×PE.2 ETOH	P.×PE.2 W/E	P.×RA ETOH	P.×RA W/E	P.SU ETOH	P.SU W/E	P.SI ETOH	P.SI W/E	P.TA.1 ETOH	P.TA.1 W/E	P.TA.2 ETOH	P.TA.2 W/E	P.×KOM ETOH	P.×KOM W/E
1	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Unidentified	-	++	-	+	-	++	-	+++	-	+	-	++	-	+	-	+	-	+	-	++	-	+
3	Unidentified	tr	-	tr	+	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	+	+	tr	-	tr	-	+	+
4	Unidentified	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
5	Leonuriside A	tr	tr	+	+	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
6	Chlorogenic acid	-	-	tr	tr	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	-
7	Caffeoylglucose isomer I	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
8	Caffeoylglucose isomer II	tr	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
9	Vanilline	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr
10	Salicyl alcohol dihexoside	tr	tr	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	tr	tr	tr	-	-
11	Caffeoylglucose isomer III	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
12	*p*-Coumaric acid hexoside isomer I	-	-	-	-	-	-	-	-	tr	tr	-	-	tr	tr	tr	tr	-	-	-	-	-	-
13	Catechin or Epicatechin	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	+	+
14	Caffeic acid	+	+	+	tr	+	+	+	+	++	++	+	+	tr	tr	+	+	+	+	+	++	+	+
15	di-Caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Feruloyl or isoferuloyl hexoside isomer I	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	tr
17	Methoxybenzaldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Caffeoylglycerol	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	-	-
19	*p*-Coumaric acid hexoside isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Feruloyl or isoferuloyl hexoside isomer II	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	tr
21	*p*-Coumaric acid	tr	tr	-	-	tr	tr	tr	tr	+	+	tr	tr	-	-	tr	tr	tr	tr	tr	tr	+	tr
22	3,4,5-Trimethoxycinnamic acid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Salicortin	tr	tr	+	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	+	+
24	7-*O*-caffeoylsalirepin	-	-	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-	tr	tr
25	Ferulic acid	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	tr	tr
26	Caffeic acid dihydroxypentyl or isopentyl ester isomer I	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-
27	Isoferulic acid	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr
28	Taxifolin (Dihydroquercetin) isomer I	tr	tr	tr	-	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr
29	Caffeic acid derivate	tr	tr	tr	tr	-	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
30	Caffeic acid derivate	-	-	-	-	-	-	-	-	tr	tr	-	tr	tr	tr	tr	tr	-	-	-	-	tr	tr
31	Caffeic acid derivate	-	-	tr	tr	-	tr	-	-	tr	tr	-	tr	-	-	tr	tr	-	-	-	-	tr	tr
32	Caffeic acid derivate	-	-	tr	tr	tr	tr	-	tr	-	tr	-	tr	tr	tr	+	tr	-	-	-	-	tr	tr
33	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Populoside isomer I	-	-	-	-	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-	-	-	-	-	-	tr
35	Azelaic acid (Nonanedioic acid)	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
36	Coumaric derivate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Populoside isomer II	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-
38	Eriodictyol (Dihydroluteolin) isomer	tr	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	tr	-	tr	-	-	-
39	Unidentified	-	tr	+	tr	tr	tr	-	-	tr	tr	tr	-	tr	tr	+	tr	tr	tr	tr	tr	-	-
40	Pinobanksin- or Naringenin-7-*O*-hexoside	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	tr	tr
41	Unidentified	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	-	-
42	Vanilloyl-methyl-ketone	-	-	-	-	tr	-	-	-	tr	tr	tr	-	-	-	tr	-	tr	-	tr	-	-	-
43	Taxifolin (Dihydroquercetin) isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Salireposide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-
46	Unidentified	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
47	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	tr	-	-	-	-	-	-
48	Eriodictyol (Dihydroluteolin)	-	-	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-	-	tr
49	Isograndidentatin A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Grandidentatin	-	-	tr	tr	tr	tr	-	tr	tr	tr	-	-	-	-	tr	tr	-	-	-	-	-	-
51	Caffeic acid dimethyl ether	tr	tr	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr
52	Caffeic acid derivate	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	+	tr	tr	tr	tr	-	tr	tr	-	tr
53	Dihydroisorhamnetin	tr	tr	tr	tr	-	-	-	-	-	-	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	-	-
54	Populoside isomer III	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	+	+
55	Apigenin-7-*O*-glucoside (Apigetrin)	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
56	Diosmetin 7-*O*-rutinoside	-	-	+	tr	tr	tr	-	-	tr	tr	-	tr	-	-	tr	tr	-	tr	-	-	tr	tr
57	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Caffeic acid derivate	tr	tr	+	tr	-	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	-
59	Caffeic ethyl ester	tr	+	tr	tr	+	+	tr	tr	tr	tr	tr	+	-	tr	tr	tr	tr	tr	tr	+	-	tr
60	Aromadendrin (Dihydrokaempferol)	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr
61	Pinobanksin 5-methyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
62	Kaempferol 3-methyl ether (Isokaempferide)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	Unidentified	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-	tr	-	tr	tr	tr	tr	tr	tr
64	di-Caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	Quercetin	tr	-	tr	-	-	-	-	-	-	-	-	-	tr	-	tr	-	tr	-	tr	-	tr	tr
66	Caffeic acid derivate	tr	tr	-	tr	tr	tr	tr	tr	-	-	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-
67	Luteolin	tr	-	tr	-	-	-	-	-	-	-	-	-	tr	-	tr	-	tr	-	tr	-	tr	tr
68	Quercetin 3-methyl ether	-	-	+	tr	-	-	-	-	-	-	-	-	+	+	+	tr	-	-	-	-	tr	tr
69	Pinobanksin (Dihydrogalangin)	+	+	++	++	+	++	+	+	+	+	+	+	++	++	+++	++	+	+	+	+	++	++
70	Boropinic acid (Caffeic acid 3-methyl, 4-(3-methyl-2-buten-1-yl) ether)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	Naringenin (Dihydroapigenin)	tr	tr	tr	-	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
72	Chrysin 5-methyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	Eriodictyol 3'-methyl ether (Homoeriodictyol) or Eriodictyol 4'-methyl ether (Hesperetin)	tr	tr	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	tr	tr	tr	-	-
74	1-Caffeoyl-3-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	Flavonoid	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
76	Caffeic acid derivate	tr	tr	-	-	tr	tr	tr	-	-	-	tr	tr	-	-	-	-	tr	tr	tr	-	-	-
77	Caffeic acid propyl or isopropyl ester	tr	tr	tr	tr	tr	tr	+	+	tr	-	tr	tr	+	+	-	-	tr	tr	tr	-	-	-
78	Aromadendrin 7-methyl ether	tr	tr	-	-	tr	tr	-	-	tr	tr	tr	tr	+	tr	-	-	tr	tr	tr	tr	-	-
79	Naringenin chalcone	-	-	+	tr	tr	tr	tr	tr	-	-	tr	tr	+	+	+	tr	tr	tr	tr	tr	+	+
80	Apigenin	+	tr	-	-	tr	tr	-	tr	tr	tr	tr	tr	+	tr	tr	tr	+	tr	tr	tr	tr	tr
81	Kaempferol	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	+	tr	tr	tr	tr	tr	tr	tr	tr	tr
82	Caffeic acid hydroxyphenylethyl ester	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	tr
83	Quercetin 3'-methyl ether (Isorhamnetin)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
84	Quercetin methyl ether isomer I	tr	tr	tr	tr	tr	tr	-	tr	tr	-	tr	tr	+	+	tr	tr	tr	tr	tr	tr	tr	tr
85	Luteolin 5-methyl ether	tr	tr	+	tr	tr	tr	tr	tr	tr	-	tr	tr	++	+	+	tr	tr	tr	tr	tr	tr	tr
86	Syringenin (sinapyl alcohol)	tr	tr	-	-	-	-	-	-	-	-	tr	tr	+	tr	-	-	tr	tr	tr	-	-	-
87	Caffeic acid butenyl or isobutenyl ester	tr	tr	+	tr	+	+	-	tr	tr	tr	tr	tr	tr	tr	+	tr	+	tr	+	tr	tr	tr
88	Quercetin dimethyl ether isomer I	-	-	tr	tr	-	-	-	-	-	-	-	-	+	+	tr	tr	-	-	-	-	tr	tr
89	*p*-Coumaric acid derivate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	1,3-di-*p*-Coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	Galangin 5-methyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
92	1,2-di-*p*-Coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	Pinobanksin 5-methyl ether 3-acetate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
94	*m*-Coumaric acid (3-Hydroxycinnamic acid)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95	Pinobanksin 3-hydroxybutanoate isomer I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	2-Acetyl-1,3-di-caffeoylglycerol	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	1-Acetyl-2,3-di-caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	Caffeic acid derivate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	Quercetin methyl ether isomer II	tr	tr	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr
100	Quercetin 7-methyl ether (Rhamnetin)	tr	-	tr	-	-	-	-	-	-	-	tr	-	tr	tr	tr	-	tr	-	tr	-	tr	tr
101	Kaempferol methyl ether isomer I	tr	-	tr	-	tr	tr	-	-	tr	-	tr	-	tr	tr	tr	-	tr	tr	tr	-	tr	tr
102	Caffeic acid butyl or isobutyl ester isomer I	+	+	+	tr	+++	++	+++	+++	tr	tr	++	+	+++	++	tr	tr	++	+	++	+	-	-
103	Pinobanksin 3-hydroxybutanoate isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	Caffeic acid butyl or isobutyl ester isomer II	tr	tr	tr	tr	+	+	++	+	+	tr	tr	tr	++	+	tr	-	+	tr	+	tr	-	-
106	2',4',6'-Trihydroxypentanophenone	+	tr	-	-	-	-	-	-	-	-	+	tr	-	-	-	-	+	tr	+	tr	-	-
107	Quercetin dimethyl ether isomer II	-	-	+	tr	-	-	-	-	tr	-	-	-	+	tr	tr	tr	-	-	-	-	tr	tr
108	Caffeic acid 2-methyl-2-butenyl ester	+	+	+++++	+++	+	+	++	++	++	+	+	+	+	tr	+++++	+++	++	+	++	+	+++	++
109	Quercetin dimethyl ether isomer III	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-
110	Caffeic acid 3-methyl-2-butenyl ester (basic prenyl ester)	+	+	++++	++	++	++	+++	+++	++	+	+	+	+	+	++++++	++++	+	+	+	+	+++	++
111	Caffeic acid 3-methyl-3-butenyl ester (prenyl ester isomer I)	+++	++	+++++	++	++	++	+	+	+	tr	+++	++	++++	++	+++++	++	+++	++	++++	++	++	++
112	Dihydrosakuranetin chalcone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	2-Acetyl-1-caffeoyl-3-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	Chrysin	++	+	+++	+	+++	++	++	++	++	+	++	+	+++	++	++	+	+++	++	+++	+	+++	++
116	Caffeic acid benzyl ester	++	+	++	+	+	tr	++	+	+	tr	+	tr	+	tr	tr	tr	++	+	++	+	+++	++
117	2-Acetyl-3-caffeoyl-2-feruloylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	Flavonoid	tr	-	-	-	tr	-	-	-	tr	-	tr	tr	-	-	-	-	tr	-	tr	-	tr	tr
119	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	Pinocembrin (Dihydrochrysin)	++++	+++	+++	++	+++	++++	++	++	+++	++	++++	++	++++++	++++	++++	+	++++	+++	++++	++	++++	+++
121	Pinocembrin chalcone	+++	+	+	tr	+++	++	++	+	++++	+	+++	++	++	+	++	+	+++	+	+++++	+	+++	++
122	Naringenin 7-methyl ether (Sakuranetin)	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	-
123	Unidentified	-	-	-	-	-	-	-	-	tr	-	-	-	tr	tr	-	-	-	-	-	-	-	-
124	Naringenin 4'-methyl ether (Isosakuranetin)	+	+	tr	tr	+	+	+	tr	+	tr	+	tr	tr	tr	tr	tr	+	+	+	tr	+	tr
125	Galangin	++	+	++	+	++	++	+	+	++	tr	++	+	++	++	++	+	++	+	++	+	++	++
126	Isosakuranetin dihydrochalcone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	Pinocembrin dihydrochalcone	+	tr	tr	-	-	tr	tr	-	+	tr	+	tr	tr	tr	tr	-	+	tr	+	tr	tr	tr
128	Apigenin 4'-methyl ether (Acacetin) or Apigenin 7-methyl ether (Genkwanin)	+	tr	tr	-	-	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr
129	Caffeic acid pentyl or isopentyl ester	++	+	+	+	++	++	++++	+++	+	tr	++	+	+++	++	+	tr	++	+	++	+	-	-
130	Caffeic acid phenethyl ester (CAPE)	+++	++	+	+	++	++	+++	+++	++	tr	++++	++	+	tr	+++	++	+++	++	+++	++	++	++
131	Kaempferol 4'-methyl ether (Kaempferide)	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-
132	Pinobanksin 3-acetate	++++	++	++++++	+++	++	++	++	+	++	+	++++	++	++++	++++	++++++	+++	+++	++	++++	++	++	+
133	Kaempferol methyl ether isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	Tetramethyl flavonoid	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-
135	Methoxychrysin	-	-	+	tr	tr	tr	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-	+	tr
136	2',6'-Dihydroxy-4'-methoxypentanophenone	++	+	-	-	-	-	-	-	-	-	++	+	-	-	-	-	+	+	++	+	-	-
137	Unidentified	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	Kaempferol-3,4'-dimethyeter (Ermanin)	-	-	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	-	-	-	-	-
140	*p*-Coumaric acid 3-methyl-3-butenyl ester	-	-	tr	tr	tr	tr	-	tr	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	tr
141	2-Acetyl-1,3-di-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	1-Acetyl-2-*p*-coumaroyl-3-feruloylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	1-Acetyl-2,3-di-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	-	-	tr	tr	tr	tr	tr	tr	tr	-	-	-	-	-	tr	tr	-	-	-	-	+	tr
145	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	tr	tr	tr	tr	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
146	Unidentified	tr	tr	tr	tr	tr	tr	tr	tr	+	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	+	tr
147	*p*-Coumaric acid benzyl ester	-	-	-	-	tr	tr	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
148	Unidentified	-	-	+	+	-	-	-	-	-	-	-	-	-	-	++	+	tr	-	tr	-	-	-
149	Ferulic acid benzyl ester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
150	Caffeic acid phenylpropenyl ester	tr	tr	-	-	-	-	+	tr	tr	-	tr	tr	-	-	-	-	tr	tr	tr	tr	+	+
151	Caffeic acid phenylpropyl ester	tr	tr	tr	-	tr	tr	+	tr	tr	tr	tr	tr	-	-	tr	-	tr	tr	tr	tr	-	-
152	Pinobanksin 3-propanoate	tr	tr	-	-	-	-	-	-	-	-	tr	tr	tr	tr	-	-	tr	tr	tr	tr	+++	++
153	Caffeic acid hexyl or isohexyl ester isomer I	tr	tr	tr	-	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	-	tr	tr	tr	tr	-	-
154	*p*-Coumaric acid phenethyl ester	tr	tr	-	-	tr	tr	-	-	-	-	tr	tr	-	-	tr	tr	tr	tr	tr	tr	tr	-
155	Unidentified	tr	-	-	-	+	+	tr	tr	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-
156	Caffeic acid hexyl or isohexyl ester isomer II	tr	tr	-	-	tr	tr	+	+	tr	tr	tr	tr	+	tr	-	-	tr	tr	tr	tr	-	-
157	Unidentified	tr	-	-	-	-	-	-	-	tr	-	+	-	-	-	-	-	tr	-	tr	-	tr	-
158	Pinostrobin chalcone	++++	+	+	-	++++	++	+++	tr	+++	+	++++	+	+	tr	+	-	+++++	++	+++++	+	++++	++
159	Unidentified	tr	-	-	-	-	-	tr	-	+	-	tr	-	-	-	-	-	tr	tr	tr	-	-	-
160	2',6'-Dihydroxy-4',4-dimethoxydihydrochalcone (Calomelanone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	2',6'-Dihydroxy-4'-methoxydihydrochalcone	+	tr	tr	-	tr	tr	tr	tr	tr	tr	+	tr	tr	tr	tr	-	+	tr	+	tr	tr	tr
162	Tectochrysin	+	tr	+	tr	+	+	+	+	tr	tr	+	tr	+	-	tr	-	+	tr	+	tr	tr	tr
163	Pinobanksin 3-butenoate or isobutenoate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
164	Pinocembrin 7-methyl ether (Pinostrobin)	++++++	+++	+	tr	+++++	+++++	+++	++	+++	+	++++++	++	tr	-	+	+	++++++	++++	+++++	++	+++	++
165	Unidentified	-	-	-	-	-	-	-	-	+	tr	tr	-	-	-	-	-	tr	-	tr	-	tr	-
166	*p*-Coumaric acid cinnamyl ester	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
167	Unidentified	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	Caffeic acid heptyl or isoheptyl ester	tr	tr	tr	tr	tr	tr	tr	tr	tr	-	tr	tr	-	-	tr	-	tr	tr	tr	tr	-	-
169	Pinobanksin 3-butanoate or isobutanoate	tr	tr	-	-	-	-	-	-	-	-	tr	tr	+	tr	-	-	tr	tr	tr	tr	++	+
170	Unidentified	-	-	-	-	-	-	-	-	tr	-	tr	-	-	-	-	-	-	-	-	-	-	-
171	Balsacone A/B/E/F isomer I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172	Unidentified	tr	-	-	-	-	-	tr	-	tr	-	tr	-	-	-	-	-	tr	tr	tr	-	tr	-
173	Balsacone A/B/E/F isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
175	Pinobanksin 3-pentenoate or isopentenoate isomer I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
176	Balsacone C or Balsacone D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	Pinobanksin 3-pentenoate or isopentenoate isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
179	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181	Unidentified	-	-	tr	tr	-	tr	tr	tr	-	-	-	-	tr	-	-	-	-	-	-	-	-	tr
182	Unidentified	-	-	tr	-	tr	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr
183	Unidentified	tr	-	-	-	-	-	tr	-	+	-	+	-	-	-	-	-	+	tr	+	-	tr	-
184	Unidentified	-	-	-	-	-	-	tr	tr	-	-	-	-	tr	-	-	-	-	-	-	-	-	-
185	Pinobanksin 3-benzoate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
186	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
187	Pinobanksin derivate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	Unidentified	-	-	tr	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-	-	-
189	Pinobanksin 3-pentanoate or isopentanoate isomer I	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	+	+
190	Pinobanksin 3-pentanoate or isopentanoate isomer II	-	-	tr	tr	-	-	-	-	-	-	-	-	++	+	tr	tr	-	-	-	tr	++	++
191	Caffeic acid monoterpene (geranyl) ester	tr	tr	+	tr	tr	tr	+	+	tr	tr	tr	tr	tr	-	+	tr	tr	tr	tr	tr	+	+
192	Unidentified	-	-	-	-	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-
193	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
194	Pinobanksin 3-hexenoate or isohexenoate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
195	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196	Ricinoleic acid or 8-(3-octyloxiran-2-yl)octanoic acid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
197	Balsacone L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	Pinobanksin 3-cinnamate	-	-	tr	-	-	-	-	-	-	-	-	-	-	-	tr	tr	-	-	-	-	-	-
199	Unidentified	tr	-	-	-	-	-	tr	-	-	-	tr	-	-	-	-	-	tr	-	tr	-	tr	-
200	Pinobanksin 3-hydroxycinnamate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
201	Balsacone J or Balsacone P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
202	Metoxycinnamic acid cinnamyl ester	+	tr	tr	-	tr	tr	+	+	++	tr	+	tr	tr	tr	tr	-	+	tr	+	tr	+++	++
203	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	Pinobanksin 3-hexanoate or -isohexanoate isomer I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
205	Pinobanksin 3-heptenoate or -isoheptenoate isomer I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	Metoxycinnamic acid cinnamyl ester isomer II	tr	-	-	-	-	-	tr	tr	tr	-	tr	-	-	-	-	-	tr	tr	tr	-	tr	tr
207	Pinobanksin 3-hexanoate or -isohexanoate isomer II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
208	Iryantherin D or Balsacone K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
209	Unidentified	tr	-	-	-	-	-	-	-	tr	-	tr	-	+	tr	-	-	-	-	-	-	tr	-
210	Unidentified	tr	tr	-	-	-	-	tr	tr	tr	tr	tr	tr	tr	-	tr	-	tr	tr	tr	tr	tr	tr
211	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
212	Pinobanksin 3-phenylpentenoate or phenylisopentenoate ester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tr	tr
213	Unidentified	tr	-	-	-	-	-	-	-	tr	tr	tr	-	+++	+	tr	-	tr	-	tr	-	+	tr
214	2-Hydroxyethyl palmitate or 12-Hydroxystearic acic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
215	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	++	++	+	tr	-	-	-	-	tr	tr
216	Unidentified	-	-	-	-	-	-	tr	-	-	-	-	-	-	-	tr	-	-	-	-	-	tr	-
217	Unidentified	tr	-	-	-	-	-	-	-	tr	-	tr	-	-	-	-	-	tr	-	tr	-	-	-
218	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	tr	-	tr	-	-	-	-	-	+	tr
219	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	+	tr	tr	-	-	-	-	-	tr	-
220	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
221	Unidentified	-	-	-	-	-	-	-	-	tr	-	-	-	++++	+	+	tr	-	-	-	-	tr	tr
222	Unidentified	+	-	tr	-	tr	-	+	tr	tr	-	+	-	tr	-	tr	-	+	-	+	-	-	-
223	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
	Extraction yield [% of dry mass]	40.27%	41.45%	28.50%	19.09%	38.93%	25.44%	35.96%	31.09%	39.63%	31.73%	40.47%	26.79%	39.08%	26.29%	35.24%	27.55%	39.99%	29.63%	44.95%	33.28%	40.57%	31.20%

No.	Component	FLAVONOID P.DE ETOH	P.DE W/E	P.DE×P.N ETOH	P.DE×P.N W/E	P.×ER ETOH	P.×ER W/E	P.LAU ETOH	P.LAU W/E	P.MAX ETOH	P.MAX W/E	P.N.3 ETOH	P.N.3 W/E
1	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
2	Unidentified	-	-	-	-	-	+	-	tr	-	++	-	+
3	Unidentified	+	+	+	+	tr	-	tr	tr	tr	tr	tr	-
4	Unidentified	-	tr	-	tr	-	tr	-	tr	-	+	-	tr
5	Leonuriside A	tr	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr
6	Chlorogenic acid	-	-	tr	tr	-	-	-	-	-	-	-	-
7	Caffeoylglucose isomer I	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr	tr
8	Caffeoylglucose isomer II	tr	tr	tr	tr	-	-	-	-	-	-	tr	tr
9	Vanilline	-	-	-	-	-	-	-	-	-	-	-	-
10	Salicyl alcohol dihexoside	-	-	-	-	-	-	-	-	-	-	-	-
11	Caffeoylglucose isomer III	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr	tr
12	*p*-Coumaric acid hexoside isomer I	tr	tr	tr	tr	-	-	-	-	-	-	tr	tr
13	Catechin or Epicatechin	+	+	+	+	tr	-	tr	tr	tr	tr	tr	tr
14	Caffeic acid	tr	tr	tr	+	+	+	tr	tr	+	+	+	+
15	di-Caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
16	Feruloyl or isoferuloyl hexoside isomer I	-	tr	-	-	-	-	-	-	-	-	tr	tr
17	Methoxybenzaldehyde	-	-	-	-	-	-	-	-	-	-	-	-
18	Caffeoylglycerol	-	-	-	-	-	-	-	-	tr	-	-	-
19	*p*-Coumaric acid hexoside isomer II	-	-	tr	tr	-	-	-	-	-	-	-	tr
20	Feruloyl or isoferuloyl hexoside isomer II	-	-	tr	tr	-	-	-	-	-	-	-	-
21	*p*-Coumaric acid	+	+	+	+	tr	tr	-	tr	-	tr	++	++
22	3,4,5-Trimethoxycinnamic acid	-	-	-	-	-	-	-	-	-	-	-	-
23	Salicortin	+	+	+	+	tr	tr	tr	tr	tr	tr	tr	tr
24	7-*O*-caffeoylsalirepin	tr	tr	tr	tr	tr	-	-	tr	-	-	-	-
25	Ferulic acid	-	-	tr	tr	+	tr	-	-	-	-	tr	tr
26	Caffeic acid dihydroxypentyl or isopentyl ester isomer I	-	-	-	-	-	-	-	-	-	-	-	-
27	Isoferulic acid	-	-	-	-	-	-	-	-	-	-	tr	tr
28	Taxifolin (Dihydroquercetin) isomer I	tr	tr	tr	tr	tr	-	-	-	-	-	tr	tr
29	Caffeic acid derivate	-	-	tr	tr	tr	tr	tr	tr	tr	tr	-	-
30	Caffeic acid derivate	tr	tr	tr	tr	tr	tr	-	-	-	-	-	-
31	Caffeic acid derivate	-	-	tr	tr	-	-	-	tr	-	-	tr	tr
32	Caffeic acid derivate	-	tr	tr	tr	tr	tr	-	tr	tr	tr	-	-
33	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
34	Populoside isomer I	tr	tr	-	-	tr	tr	tr	tr	-	-	-	-
35	Azelaic acid (Nonanedioic acid)	-	tr	tr	tr	-	tr	tr	tr	tr	tr	tr	tr
36	Coumaric derivate	-	-	-	-	-	-	-	-	-	-	tr	tr
37	Populoside isomer II	-	-	-	-	-	-	-	-	-	-	-	-
38	Eriodictyol (Dihydroluteolin) isomer	-	-	tr	tr	-	-	tr	-	-	-	tr	-
39	Unidentified	-	-	-	-	+	+	tr	tr	+	+	-	-
40	Pinobanksin- or Naringenin-7-*O*-hexoside	+	+	tr	tr	tr	tr	tr	tr	tr	tr	+	+
41	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
42	Vanilloyl-methyl-ketone	-	-	-	-	-	-	-	-	-	-	tr	-
43	Taxifolin (Dihydroquercetin) isomer II	tr	-	tr	-	-	-	-	-	-	-	-	-
44	Salireposide	-	-	-	-	-	-	-	-	-	-	-	-
45	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
46	Unidentified	+	tr	tr	tr	tr	tr	-	-	tr	tr	-	tr
47	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
48	Eriodictyol (Dihydroluteolin)	+	tr	tr	tr	tr	tr	-	tr	tr	tr	tr	tr
49	Isograndidentatin A	-	-	-	-	-	-	-	-	-	-	-	-
50	Grandidentatin	tr	tr	-	-	-	-	-	-	-	-	-	-
51	Caffeic acid dimethyl ether	-	-	-	-	-	-	-	-	-	-	-	-
52	Caffeic acid derivate	-	-	tr	tr	+	tr	tr	tr	tr	tr	-	-
53	Dihydroisorhamnetin	-	-	-	-	-	-	-	-	+	tr	-	-
54	Populoside isomer III	+	+	tr	tr	+	tr	tr	tr	-	-	-	-
55	Apigenin-7-*O*-glucoside (Apigetrin)	+	+	tr	tr	tr	tr	tr	tr	tr	tr	+	+
56	Diosmetin 7-*O*-rutinoside	+	+	tr	tr	tr	tr	-	tr	tr	tr	-	-
57	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
58	Caffeic acid derivate	tr	tr	-	-	tr	tr	tr	tr	tr	tr	-	-
59	Caffeic ethyl ester	-	tr	tr	tr	tr	tr	-	tr	tr	tr	-	tr
60	Aromadendrin (Dihydrokaempferol)	tr	tr	tr	tr	tr	tr	tr	tr	-	-	tr	tr
61	Pinobanksin 5-methyl ether	+++	++	+	+	+++	++	-	-	-	-	++	++
62	Kaempferol 3-methyl ether (Isokaempferide)	tr	-	-	-	-	-	-	-	-	-	-	-
63	Unidentified	-	-	tr	tr	-	-	-	-	-	-	-	-
64	di-Caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
65	Quercetin	tr	tr	tr	tr	tr	tr	-	-	tr	tr	tr	tr
66	Caffeic acid derivate	tr	-	-	-	-	-	-	-	-	-	tr	tr
67	Luteolin	tr	tr	tr	tr	tr	tr	-	-	-	-	tr	tr
68	Quercetin 3-methyl ether	+	+	tr	tr	tr	tr	tr	tr	-	-	+	+
69	Pinobanksin (Dihydrogalangin)	+++	+++	++	++	++++	+++	+	++	+++	+++	+++	++++
70	Boropinic acid (Caffeic acid 3-methyl, 4-(3-methyl-2-buten-1-yl) ether)	-	-	-	-	-	-	-	-	-	-	-	-
71	Naringenin (Dihydroapigenin)	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
72	Chrysin 5-methyl ether	-	-	tr	tr	tr	tr	-	-	-	-	-	-
73	Eriodictyol 3'-methyl ether (Homoeriodictyol) or Eriodictyol 4'-methyl ether (Hesperetin)	-	-	-	-	tr	tr	-	-	tr	tr	-	-
74	1-Caffeoyl-3-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
75	Flavonoid	+	+	tr	tr	+	tr	-	-	-	-	tr	tr
76	Caffeic acid derivate	-	-	-	-	-	-	-	-	-	-	-	-
77	Caffeic acid propyl or isopropyl ester	-	-	-	-	-	-	-	-	tr	tr	-	-
78	Aromadendrin 7-methyl ether	-	-	-	-	tr	tr	-	tr	tr	tr	-	-
79	Naringenin chalcone	+	+	+	+	+	+	-	-	+	+	-	-
80	Apigenin	tr	tr	-	-	-	-	tr	tr	-	-	++	++
81	Kaempferol	+	+	tr	tr	tr	tr	-	tr	+	tr	+	+
82	Caffeic acid hydroxyphenylethyl ester	-	-	-	-	-	-	-	-	-	-	-	-
83	Quercetin 3'-methyl ether (Isorhamnetin)	+	tr	tr	tr	tr	tr	-	-	-	-	tr	tr
84	Quercetin methyl ether isomer I	-	-	-	-	tr	tr	tr	tr	+	+	tr	tr
85	Luteolin 5-methyl ether	+	+	+	+	tr	tr	-	tr	-	-	++	+
86	Syringenin (sinapyl alcohol)	-	-	-	-	-	-	-	-	tr	tr	-	-
87	Caffeic acid butenyl or isobutenyl ester	-	-	-	-	-	-	-	-	-	-	-	-
88	Quercetin dimethyl ether isomer I	+	+	tr	tr	tr	tr	-	-	-	-	+	tr
89	*p*-Coumaric acid derivate	-	-	-	-	-	-	-	-	-	-	-	-
90	1,3-di-*p*-Coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
91	Galangin 5-methyl ether	+	tr	tr	tr	+	+	-	-	-	-	+	tr
92	1,2-di-*p*-Coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
93	Pinobanksin 5-methyl ether 3-acetate	+	tr	tr	tr	tr	tr	-	-	-	-	tr	tr
94	*m*-Coumaric acid (3-Hydroxycinnamic acid)	-	-	-	-	-	-	-	-	-	-	-	-
95	Pinobanksin 3-hydroxybutanoate isomer I	tr	tr	-	-	-	-	-	-	-	-	-	-
96	2-Acetyl-1,3-di-caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
97	1-Acetyl-2,3-di-caffeoylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
98	Caffeic acid derivate	-	-	-	-	-	-	-	-	-	-	-	-
99	Quercetin methyl ether isomer II	-	-	-	-	tr	tr	-	-	-	-	-	-
100	Quercetin 7-methyl ether (Rhamnetin)	-	-	tr	-	tr	tr	-	-	+	tr	tr	tr
101	Kaempferol methyl ether isomer I	-	-	tr	tr	-	-	-	-	-	-	tr	tr
102	Caffeic acid butyl or isobutyl ester isomer I	-	-	-	-	-	-	-	tr	+	+	-	-
103	Pinobanksin 3-hydroxybutanoate isomer II	tr	tr	-	-	-	-	-	-	-	-	tr	tr
104	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
105	Caffeic acid butyl or isobutyl ester isomer II	-	-	-	-	tr	tr	tr	tr	+	tr	-	-
106	2',4',6'-Trihydroxypentanophenone	-	-	-	-	-	-	-	-	-	-	-	-
107	Quercetin dimethyl ether isomer II	-	-	tr	tr	tr	tr	-	-	-	-	+	+
108	Caffeic acid 2-methyl-2-butenyl ester	-	-	+	+	-	-	tr	tr	tr	tr	+	+
109	Quercetin dimethyl ether isomer III	tr	tr	-	-	tr	tr	-	-	tr	tr	-	-
110	Caffeic acid 3-methyl-2-butenyl ester (basic prenyl ester)	-	-	+	+	-	-	tr	tr	tr	tr	++	++
111	Caffeic acid 3-methyl-3-butenyl ester (prenyl ester isomer I)	-	-	+	+	+	tr	tr	tr	tr	tr	+	tr
112	Dihydrosakuranetin chalcone	-	-	-	-	-	-	-	-	-	-	-	-
113	Unidentified	-	-	-	-	tr	tr	-	-	-	-	-	-
114	2-Acetyl-1-caffeoyl-3-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
115	Chrysin	+++	++	+++	++	+++	++	+	+	++++	++	+++++	++
116	Caffeic acid benzyl ester	-	-	tr	+	++	tr	tr	tr	+	tr	+	+
117	2-Acetyl-3-caffeoyl-2-feruloylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
118	Flavonoid	-	-	-	-	-	-	-	-	-	-	tr	tr
119	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
120	Pinocembrin (Dihydrochrysin)	++++++	++++++	+++	+++	++++++	++++	+++	++++	++++++	++++	+++	++
121	Pinocembrin chalcone	tr	tr	++	+	++	+	++	+	++	+	++	+
122	Naringenin 7-methyl ether (Sakuranetin)	-	-	-	-	-	-	-	-	-	-	-	-
123	Unidentified	-	-	-	-	-	-	tr	+	-	-	-	-
124	Naringenin 4'-methyl ether (Isosakuranetin)	-	-	tr	tr	tr	tr	tr	tr	+	tr	++	+
125	Galangin	+++	++	++	+	++++	+++	++	++	++++	++	+++++	+++
126	Isosakuranetin dihydrochalcone	-	-	-	-	-	-	-	-	-	-	-	-
127	Pinocembrin dihydrochalcone	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr	tr
128	Apigenin 4'-methyl ether (Acacetin) or Apigenin 7-methyl ether (Genkwanin)	-	-	tr	tr	tr	tr	-	-	-	-	+	tr
129	Caffeic acid pentyl or isopentyl ester	-	-	tr	tr	tr	tr	tr	tr	++	+	-	-
130	Caffeic acid phenethyl ester (CAPE)	tr	tr	+	+	+	tr	-	-	+	+	++	+
131	Kaempferol 4'-methyl ether (Kaempferide)	-	-	-	-	-	-	-	-	-	-	+	-
132	Pinobanksin 3-acetate	+++++++	++++++	+++	++	+++++++	++++	+++	+++	+++++++	+++++	++++++	+++
133	Kaempferol methyl ether isomer II	-	-	-	-	-	-	-	-	-	-	tr	-
134	Tetramethyl flavonoid	-	-	-	-	-	-	-	-	tr	tr	-	-
135	Methoxychrysin	tr	tr	tr	+	tr	tr	tr	tr	-	-	++	tr
136	2',6'-Dihydroxy-4'-methoxypentanophenone	-	-	-	-	-	-	-	-	tr	tr	-	-
137	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
138	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
139	Kaempferol-3,4'-dimethyeter (Ermanin)	tr	tr	tr	-	tr	-	-	-	-	-	tr	tr
140	*p*-Coumaric acid 3-methyl-3-butenyl ester	-	-	tr	tr	-	-	-	-	-	-	tr	tr
141	2-Acetyl-1,3-di-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
142	1-Acetyl-2-*p*-coumaroyl-3-feruloylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
143	1-Acetyl-2,3-di-*p*-coumaroylglycerol	-	-	-	-	-	-	-	-	-	-	-	-
144	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	-	-	tr	tr	-	-	-	-	-	-	+	+
145	*p*-Coumaric acid 3-methyl-2-butenyl or 2-methyl-2-butenyl	-	-	tr	tr	-	-	-	-	-	-	-	-
146	Unidentified	tr	tr	+	+	+	+	-	-	-	-	+	+
147	*p*-Coumaric acid benzyl ester	-	-	tr	tr	-	-	-	-	-	-	+	tr
148	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
149	Ferulic acid benzyl ester	-	-	-	-	tr	tr	-	-	-	-	-	-
150	Caffeic acid phenylpropenyl ester	tr	tr	+	+	-	-	-	-	-	-	tr	tr
151	Caffeic acid phenylpropyl ester	-	-	-	-	-	-	tr	tr	-	-	-	-
152	Pinobanksin 3-propanoate	+++	++	+	tr	+++	++	tr	tr	++	+	++	+
153	Caffeic acid hexyl or isohexyl ester isomer I	-	-	-	-	-	-	-	tr	+	+	-	-
154	*p*-Coumaric acid phenethyl ester	-	-	tr	tr	-	-	-	-	-	-	tr	tr
155	Unidentified	-	-	-	-	-	-	-	-	tr	-	-	-
156	Caffeic acid hexyl or isohexyl ester isomer II	-	-	-	-	-	-	tr	tr	tr	tr	-	-
157	Unidentified	-	-	tr	-	-	-	-	-	-	-	-	-
158	Pinostrobin chalcone	-	-	+	tr	+	tr	++	+	++	tr	+	tr
159	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
160	2',6'-Dihydroxy-4',4-dimethoxydihydrochalcone (Calomelanone)	-	-	-	-	-	-	-	-	-	-	-	-
161	2',6'-Dihydroxy-4'-methoxydihydrochalcone	-	-	tr	tr	tr	-	tr	tr	tr	tr	tr	tr
162	Tectochrysin	-	-	tr	tr	tr	tr	tr	tr	+	tr	+	+
163	Pinobanksin 3-butenoate or isobutenoate	tr	tr	-	-	-	-	-	-	-	-	tr	tr
164	Pinocembrin 7-methyl ether (Pinostrobin)	-	-	+	tr	+	+	++++	+++	+	+	+	+
165	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
166	*p*-Coumaric acid cinnamyl ester	++	+	+	+	-	-	-	-	-	-	tr	tr
167	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
168	Caffeic acid heptyl or isoheptyl ester	-	-	-	-	-	-	-	tr	tr	tr	-	-
169	Pinobanksin 3-butanoate or isobutanoate	++	++	+	tr	+++	++	tr	tr	+++	++	+++	++
170	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
171	Balsacone A/B/E/F isomer I	-	-	-	-	-	-	-	-	-	-	-	-
172	Unidentified	tr	-	tr	tr	-	-	-	-	-	-	+	+
173	Balsacone A/B/E/F isomer II	-	-	-	-	-	-	-	-	-	-	-	-
174	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
175	Pinobanksin 3-pentenoate or isopentenoate isomer I	+	+	tr	tr	+	tr	-	-	-	-	++	+
176	Balsacone C or Balsacone D	-	-	-	-	-	-	-	-	-	-	-	-
177	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
178	Pinobanksin 3-pentenoate or isopentenoate isomer II	-	-	-	-	-	-	-	-	-	-	++	+
179	Unidentified	-	-	tr	-	-	-	-	-	-	-	-	-
180	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
181	Unidentified	-	-	-	-	+	tr	-	-	-	-	-	-
182	Unidentified	-	-	-	-	+	+	-	-	-	-	-	-
183	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
184	Unidentified	-	-	-	-	+	+	-	-	-	-	-	-
185	Pinobanksin 3-benzoate	-	-	-	-	-	-	-	-	-	-	tr	tr
186	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
187	Pinobanksin derivate	-	-	-	-	-	-	-	-	-	-	+	tr
188	Unidentified	tr	tr	tr	tr	+	tr	-	-	-	-	+	tr
189	Pinobanksin 3-pentanoate or isopentanoate isomer I	+	tr	+	+	+++	++	-	-	++	+	++	+
190	Pinobanksin 3-pentanoate or isopentanoate isomer II	++	+	+	+	++++	++	tr	-	+++++++	+++++	+++	++
191	Caffeic acid monoterpene (geranyl) ester	-	-	tr	tr	-	-	tr	-	-	-	-	-
192	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
193	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
194	Pinobanksin 3-hexenoate or isohexenoate	++	+	tr	tr	-	-	-	-	-	-	tr	tr
195	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
196	Ricinoleic acid or 8-(3-octyloxiran-2-yl)octanoic acid	-	-	tr	-	tr	tr	-	-	-	-	tr	tr
197	Balsacone L	-	-	-	-	-	-	-	-	-	-	-	-
198	Pinobanksin 3-cinnamate	-	-	tr	-	-	-	-	-	-	-	tr	-
199	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
200	Pinobanksin 3-hydroxycinnamate	tr	tr	+	-	-	-	-	-	-	-	++	+
201	Balsacone J or Balsacone P	-	-	-	-	-	-	-	-	-	-	-	-
202	Metoxycinnamic acid cinnamyl ester	-	-	++	+	++++++	+++	tr	tr	tr	tr	+++++	+++
203	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
204	Pinobanksin 3-hexanoate or -isohexanoate isomer I	tr	-	tr	-	+	tr	-	-	+	tr	+	tr
205	Pinobanksin 3-heptenoate or -isoheptenoate isomer I	-	-	-	-	-	-	-	-	-	-	tr	tr
206	Metoxycinnamic acid cinnamyl ester isomer II	-	-	tr	tr	+	tr	-	-	-	-	tr	tr
207	Pinobanksin 3-hexanoate or -isohexanoate isomer II	++	++	tr	-	++	+	+	tr	+	tr	++	+
208	Iryantherin D or Balsacone K	-	-	-	-	-	-	-	-	-	-	-	-
209	Unidentified	-	-	tr	tr	+	tr	tr	-	tr	tr	tr	tr
210	Unidentified	-	-	tr	tr	+	tr	tr	tr	tr	tr	+	tr
211	Unidentified	-	-	-	-	-	-	-	-	-	-	-	-
212	Pinobanksin 3-phenylpentenoate or phenylisopentenoate ester	-	-	-	-	-	-	-	-	-	-	+	tr
213	Unidentified	+	tr	tr	tr	+++	+	tr	tr	+++	+	++	+
214	2-Hydroxyethyl palmitate or 12-Hydroxystearic acic	-	-	-	-	-	-	-	-	-	-	-	-
215	Unidentified	tr	tr	tr	tr	+	+	-	-	tr	tr	tr	tr
216	Unidentified	-	-	-	-	+	tr	-	-	-	-	tr	-
217	Unidentified	-	-	-	-	-	-	+	+	-	-	-	-
218	Unidentified	-	-	tr	tr	+	tr	-	-	tr	-	+	tr
219	Unidentified	-	-	tr	tr	+	tr	tr	-	tr	-	tr	tr
220	Unidentified	-	-	-	-	+	tr	-	-	+++	++	-	-
221	Unidentified	+	+	+	tr	+++	++	-	-	+++	+	+	tr
222	Unidentified	-	-	-	-	tr	-	-	-	-	-	-	-
223	Unidentified	-	-	-	-	+	-	-	-	++	tr	tr	-
	Extraction yield [% of dry mass]	35.04%	29.98%	38.02%	20.18%	32.19%	29.84%	45.46%	21.80%	43.04%	35.56%	46.07%	33.46%

Table legend

Relativeabundance for MS evaluated components

tr - intensity <5*10^4	tr
+ - 5*10^4< intensity >1.5*10^5	+
++ - 1.5*10^5< intensity >3*10^5	++
+++ - 3*10^5< intensity >4.5*10^5	+++
++++ - 4.5*10^5< intensity>6.0*10^5	++++
+++++ - 6.0*10^5< intensity>7.5*10^5	+++++
++++++ - 7.5*10^5< intensity>1.0*10^6	++++++
+++++++ - 1.0*10^6< intensity	+++++++

Relative abundance for only tectochrysin and pinostrobir

tr - height <1 mAU	tr
+ - 1< height >5 mAU	+
++ - 5< height >10 mAU	++
+++ - 10< height >15 mAU	+++
++++ - 15< height >20 mAU	++++
+++++ - 20< height >25 mAU	+++++
++++++ - 25< height mAU	++++++

Poplar taxons acronyms: P.BA—*P. balsamifera*; P.CA—*P. cathayana*; P.DE—*P. deltoides*; P.DE×P.N—*P. deltoides* × *P. nigra*; P.ER—*P.* 'Eridano'; P. ×KOM—*P.* × *komarowii*; P.LAU—*P. laurifolia*; P.LAS—*P. lasiocarpa*; P.MAX—*P. maximowiczii*; P.M×P.B—*P. maximowiczii* × *P. berolinensis*; P.M×P.TRI—*P. maximowiczii* × *P. trichocarpa*; P.N—*P. nigra* (samples 1-3); P.×PE—*P.* × *petrowskiana* (samples 1-2); P.×RA—*P.* × *rasumoskowiana*; P.RO—*P. trichocarpa* 'Rochester'; P.SI—*P. simonii*; P.SU—*P. suaveolens*; P.TA—*P. tacamahaca* (sample 1 and 2); P.TA×P.TRI—*P. tacamahaca* × *P. trichocarpa* (samples 1-2); P.TRI—*P. trichocarpa*, P.WIL—*P. wilsonii*, P.×WCA—*P.* × *wilsocarpa*