

Table S1. Degree of polymerisation and unit and compositions of sub-units of PAs in extracted plant fractions

Fractions	Total Monomer	Total adduct	Degree of polymerization	Extension unit (%)	Terminal unit (%)	Sub-unit ratio
EJ-50	0.684	5.338	7.80	89	11	Dp: Cy (66:34)
EJ-70	0.581	3.235	5.57	85	15	Dp: Cy (60:40)
EJ-DW	1.342	6.87	5.12	84	16	Dp: Cy: Pel (34:33:33)
AP-50	1.692	6.445	3.81	80	20	Dp: Cy: Pel: Mal (40:20:20:20)
AP-70	2.403	6.35	2.66	73	27	Dp: Cy (60:40)
AP-DW	0.672	4.201	6.25	84	16	Dp: Cy (60:40)

AP-50, AP-70 and AP-DW: Extract eluted with 50% of MeOH, 70% acetone and with distilled water respectively from *A. pendula*. EJ-50, EJ-70 and EJ-DW: Extract eluted with 50% of MeOH, 70% of acetone and with distilled water respectively from *E. jambolana*, Dp: delphinidin, Cy: cyanidin, Pel: pelargonidin and Mal: malvidin