

Appendix 18. Al concentration (mg/kg, dry weight basis) in shoots and roots of 24 *Austroanthonia* accessions (see Table 6.1) grown hydroponically with seven levels of Al (Chapter 6)

Accessions	Shoot							Root							
	Al treatment (µM)														
	0	50	100	150	200	250	300	0	50	100	150	200	250	300	
1	12.14 (1.25)	64.09 (11.82)	67.22 (8.57)	139.78 (13.64)	149.19 (13.62)	157.81 (8.54)	153.67 (13.56)	34	440	740	1320	1420	1700	1920	
2	15.78	59.93	66.20	69.67	72.79	87.46	126.34	50	-	-	1020	-	1030	1070	
3	9.77 (0.19)	63.53 (13.17)	87.03 (0.80)	94.05 (2.00)	112.49 (10.80)	173.51 (2.94)	255.72 (4.77)	19	580	800	660	1380	1490	1530	
4	22.76 (5.15)	27.23 (3.56)	43.93 (5.31)	61.79 (10.33)	164.59 (10.48)	188.70 (1.35)	249.68 (7.44)	90	500	540	880	970	940	1510	
5	11.67 (1.58)	21.25 (2.64)	45.10 (1.41)	68.53 (11.70)	99.87 (2.22)	128.92 (16.29)	141.37 (16.77)	30	580	750	1100	1230	1390	1540	
6	9.73 (0.14)	28.06 (2.04)	39.33 (7.01)	68.24 (2.45)	82.47 (8.16)	148.07 (2.62)	215.31 (5.36)	24	770	1100	1150	1230	1290	2100	
7	10.00 (0.37)	29.60 (1.24)	62.14 (3.68)	82.47 (5.98)	148.07 (7.10)	215.31 (1.52)	215.31 (8.26)	27	513	635	1033	1103	1140	1260	
8	8.22 (0.37)	15.89 (1.24)	36.87 (3.68)	43.36 (5.98)	54.61 (7.10)	66.97 (1.52)	76.13 (8.26)	21	520	710	1030	1030	1180	1650	
9	14.35 (1.14)	26.65 (1.84)	34.13 (3.30)	37.96 (2.83)	39.44 (0.82)	43.83 (6.75)	65.62 (2.19)	50	490	930	1090	1160	1240	1440	
10	13.24 (1.11)	21.08 (0.79)	33.44 (3.41)	52.20 (6.95)	56.09 (3.81)	76.48 (3.74)	113.19 (6.19)	53	650	1130	1340	1490	1580	1910	
11	9.89 (0.46)	19.12 (1.46)	23.91 (2.57)	34.41 (3.95)	64.78 (2.95)	69.85 (5.83)	116.96 (12.69)	40	430	1027	1113	1197	1240	1937	
12	10.45 (0.67)	17.15 (0.32)	20.71 (0.19)	27.66 (1.82)	42.84 (1.71)	54.36 (10.61)	74.87 (0.86)	19	540	790	1420	1540	1650	1810	
13	6.88 (0.98)	18.39 (2.14)	55.40 (4.27)	73.89 (4.08)	100.65 (14.53)	152.14 (5.49)	250.55 (5.98)	40	430	1027	1113	1197	1240	1937	
14	18.40 (0.98)	43.80 (2.69)	60.57 (3.29)	66.85 (4.03)	103.41 (4.99)	130.02 (6.96)	173.33 (4.54)	-	680	710	900	1130	1260	1790	
15	15.81 (1.07)	26.23 (1.51)	34.83 (1.21)	60.61 (2.64)	68.54 (2.59)	75.79 (10.50)	152.85 (7.49)	80	-	830	910	1080	1170	1640	
16	18.45 (1.53)	26.60 (1.91)	48.68 (0.75)	73.07 (8.33)	84.28 (4.44)	111.94 (4.34)	161.47 (6.01)	-	-	830	1000	1330	1410	1520	
17	9.36 (0.46)	13.29 (0.92)	33.30 (1.41)	38.16 (1.91)	60.94 (6.96)	71.00 (2.53)	103.20 (4.61)	57	460	860	1680	1740	1780	2300	
18	13.01 (0.77)	40.74 (1.96)	74.41 (4.91)	95.82 (1.84)	162.95 (3.71)	179.93 (2.67)	310.00 (11.55)	57	530	840	910	-	1290	1420	
19	19.33 (0.25)	29.14 (1.06)	64.69 (4.08)	150.84 (3.05)	234.26 (7.97)	264.66 (8.35)	323.36 (8.79)	-	720	1190	1480	1500	1510	2300	
20	9.42	19.69	31.88	57.73	85.05	129.94	241.25	24	487	723	937	1070	1250	1773	
21	14.55 (0.59)	22.46 (1.03)	32.30 (1.90)	48.73 (1.59)	57.95 (7.29)	183.41 (7.56)	231.85 (13.86)	40	487	857	1167	1257	1790	1805	
22	13.59	25.14	86.28	101.44	121.01	171.20	241.00	40	790	-	1170	1380	1550	1830	
23	10.93 (0.86)	15.46 (0.44)	16.49 (0.47)	36.81 (1.26)	49.67 (6.25)	66.04 (3.89)	159.74 (5.87)	33	377	843	1035	1180	1507	2125	
24	8.48 (0.49)	23.52 (1.52)	26.47 (0.26)	32.91 (0.79)	45.70 (0.26)	57.96 (0.30)	136.86 (9.45)	21	457	853	1083	1110	1253	1860	

Data are means of replicated samples (mostly three replicates); values in parentheses are ± standard errors (se); means without se are from bulked samples; - indicates insufficient samples to chemical analyse