

Element (mg/kg DW)	July 2016 (summer)	January 2017 (winter)	<i>P</i> value	July 2017 (summer)	January 2018 (winter)	<i>P</i> value
(a) Current-year leaves						
Cd	ND	ND		ND	ND	
Cu	9.9±0.7	18.5±4.4*	0.028	9.0±0.6	9.4±1.1	0.959
Mn	554.3±83.9	839.8±178.1*	0.046	460.1±38.6	631.2±44.3*	0.022
Pb	ND	ND		ND	ND	
Zn	30.2±2.7	24.4±3.4	0.249	32.1±1.5	24.0±1.7	0.249
(b) 1-year-old leaves						
Cd	ND	ND		ND	ND	
Cu	8.2±2.0	12.9±3.0	0.116	7.7±0.4	8.8±0.9	0.386
Mn	1319.5±219.3	1345.0±326.7	0.753	1342.1±143.5**	990.1±92.4	0.007
Pb	ND	ND		ND	ND	
Zn	32.2±3.6*	19.8±3.2	0.028	32.8±1.7*	28.4±1.7	0.047
(c) Branches						
Cd	ND	ND		ND	ND	
Cu	51.2±19.8	19.5±2.5	0.093	35.0±5.0*	19.1±1.4	0.022
Mn	350.0±32.4	397.9±27.5	0.114	286.1±26.1	244.6±20.6	0.386
Pb	ND	4.2±0.7		ND	ND	
Zn	54.4±6.7	49.8±11.7	0.575	45.7±5.8	40.1±5.4	0.445
(d) Roots						
Cd	29.6±3.9	38.5±2.7	0.093	25.5±4.1	28.0±5.0	0.721
Cu	74.3±6.8	83.8±10.5	0.333	100.6±13.3	88.6±9.9	0.203
Mn	204.6±19.7	292.8±29.4*	0.022	186.3±34.0	145.9±14.3	0.285
Pb	220.3±41.9	338.0±73.5	0.114	245.2±75.2	170.1±35.9	0.285
Zn	735.9±88.2	914.4±65.9	0.074	669.9±77.2	751.9±133.5	0.959