

Table 14.4 Analytical data extracted from analyses performed at different points along the length of each hair (Fig. 14.9)

Distance from tip (μm)	Concentration ($\mu\text{g}/\text{cm}^2$)					
	Ca	Si	P	S	K	Mn
Emergence I						
At tip	14	171	6	0.3	20	–
100	82	139	14	0.9	58	–
200	91	56	11	1.7	128	–
300	121	27	9	0.9	86	–
400	127	14	7	0.9	67	–
600	149	17	6	1.4	87	–
800	167	20	6	0.8	57	–
1000	242	84	10	0.9	34	–
1200 (at base)	110	21	60	3	124	42
Emergence II						
At tip	8	190	2	0.05	1	–
100	206	117	2	0.6	5	–
200	248	71	3	0.8	6	–
300	252	49	4	0.5	6.5	–
400	294	21	2.5	0.8	7	–
600	304	16	1.2	0.4	5	–
800	285	17	2.5	0.5	5	–
1000	246	62	3	0.7	5	–
1200 (at base)	82	5	2	0.7	30	–

Emergence I is an earlier stage of development than emergence II.