



CORRIGENDUM

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Alternatives to *Pinus radiata* in the New Zealand high-country: early growth and survival of *P. radiata*, *P. attenuata* and their F₁ hybrid.

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The authors regret that a number of errors occurred in their paper published in the *New Zealand Journal of Forestry Science* 41 (2011) 61-69. Corrected versions of Tables 4 and 5 are provided here with the corresponding amended text.

TABLE 4: Demonstrating differences between sites for each taxon in the current study: means¹ at age four and eight for height (m) and at age eight for snow damage (1 – 5) and % acceptability for the different taxa *P. attenuata*, *P. attenuata* × *P. radiata* and *P. radiata* at each site.

Site/trait	<i>P. attenuata</i> × <i>P. radiata</i>		<i>P. attenuata</i>		<i>P. radiata</i>	
	No. trees	Mean	No. trees	Mean	No. trees	Mean
Height (m) at age four						
Ribbonwood	287	2.99a	276	1.94a	74	2.19 b
Balmoral Station	280	2.13 c ¹	272	1.44 c	97	1.72 c
Eyrewell	284	2.77 b	241	1.82 b	253	3.13a
Least Significant Difference		0.09		0.08		0.17
Height (m) at age eight						
Ribbonwood	285	6.93 b	275	4.67 b	57	5.24 b
Balmoral Station	275	5.51 c	271	3.86 c	81	4.60 c
Eyrewell	282	8.36a	233	5.31a	249	10.01a
Least Significant Difference		0.20		0.16		0.52
Snow damage score at age eight						
Ribbonwood	274	0.33a	275	0.05a	74	2.70a
Balmoral Station	284	0.19 b	268	0.01a	81	1.52 b
Eyrewell	281	0.09 b	232	0.07a	255	0.82 c
Least Significant Difference		0.12		0.07		0.38
Acceptability score at age eight						
Ribbonwood	286	0.56 b	275	0.33 b	74	0.11 b
Balmoral Station	273	0.55 b	271	0.48a	81	0.11 b
Eyrewell	283	0.75a	233	0.52a	255	0.63a
Least Significant Difference		0.09		0.10		0.14

¹Means with different letters between sites are significantly different at $p \leq 0.05$

TABLE 5: Demonstrating differences between taxa at individual sites in the current study: means¹ for height (m) at age four and eight and for % acceptability (Accept.) and snow damage score (1 – 5) at age eight. The number of trees planted (planted), the number of trees (No.) surviving at age four and eight and % survival for the taxa are also given for individual trials.

Taxa	Planted	Age Four			Age Eight					
		No.	Survival (%)	Height (m)	No.	Survival (%)	Height (m)	Accept. (%)	Snow damage score (1 – 5)	
Ribbonwood										
<i>P. attenuata</i> × <i>P. radiata</i>	335	287	86	2.99a ¹	285	85	6.93a	0.56a	0.33a	
<i>P. attenuata</i>	299	276	92	1.94 b	275	92	4.67 c	0.33 b	0.05a	
<i>P. radiata</i>	330	74	22	2.19 b	57	17	5.24 b	0.11 c	2.70 b	
Least Significant difference				0.28			0.28	0.13	0.24	
Balmoral Station										
<i>P. attenuata</i> × <i>P. radiata</i>	336	280	83	2.13a	275	82	5.51a	0.55a	0.19 b	
<i>P. attenuata</i>	299	272	91	1.44 c	271	91	3.86 c	0.48a	0.01a	
<i>P. radiata</i>	314	97	31	1.72 b	81	26	4.60 b	0.11 b	1.52 b	
Least Significant Difference				0.21			0.20	0.13	0.14	
Eyrewell										
<i>P. attenuata</i> × <i>P. radiata</i>	300	284	95	2.77 b	282	94	8.36 b	0.75a	0.09 b	
<i>P. attenuata</i>	299	241	81	1.82 c	233	78	5.31 c	0.52 b	0.07 b	
<i>P. radiata</i>	300	253	84	3.13a	249	83	10.01a	0.63ab	0.82a	
Least Significant Difference				0.23			0.57	0.13	0.15	

¹Means with different letters within a species are significantly different at $p \leq 0.05$

At Ribbonwood and Eyrewell, snow damage to *P. attenuata* was not significantly lower than the hybrids but at Balmoral, the coldest site, *P. attenuata* had significantly lower snow damage than the hybrids. Comparing the survival of taxa within sites, percentage survival was greatest in *P. attenuata* at the two coldest sites at ages 4 and 8. At Eyrewell, the hybrids had the greatest survival.