

Supplementary Material 2. Biochemical and cellular time-sequential responses in four *Pinus* species after *B. xylophilus* inoculation, organized by main tissues. Table provides a qualitative description of the main responses observed following nematode infection, represented as a ratio indicating the number of replicates for species in which each response was observed. CaOx: calcium oxalate crystals; CRC: cortical resin canals; X: presence of *B. xylophilus*; PP cells: polyphenolic parenchyma cells; XRC: xylem resin canals; TRC: traumatic resin canals; -: not observed; P- preserved; D- damaged.

			Cortex					Phloem/Cambium					Xylem						
			CaOx crystals	CRC	Phenols	Wound Periderm	N	CaOx crystals	PP cells	Lignification of sieve walls	Callus	N	CaOx crystals	XRC	Phenols	Lignification of tracheid walls	TRC	Callus	N
PWD-resistant	<i>P. halepensis</i>	1dpi	-	P	5/5	-	-	-	5/5	3/5	-	-	-	P	-	-	-	-	-
		3dpi	3/5	P	4/5	3/5	-	5/5	5/5	4/5	-	-	-	P	4/5	5/5	-	-	-
		7dpi	4/5	P	4/5	3/5	-	4/5	5/5	3/5	-	-	3/5	P	3/5	5/5	3/5	-	-
		16dpi	-	P	3/5	-	-	-	5/5	3/5	-	-	3/5	P	3/5	5/5	3/5	3/5	-
		28dpi	-	D	3/5	-	-	-	5/5	2/5	-	-	-	P	3/5	5/5	3/5	3/5	-
	<i>P. pinea</i>	1dpi	-	P	4/5	-	-	-	5/5	-	-	-	-	P	-	-	-	-	-
		3dpi	-	P	3/5	-	-	-	5/5	-	-	-	-	P	-	-	-	-	-
		7dpi	4/5	P	3/5	2/5	-	3/5	5/5	-	-	-	-	P	3/5	5/5	-	-	-
		16dpi	2/5	P	2/5	2/5	-	3/5	5/5	3/5	2/5	-	-	P	3/5	5/5	-	-	-
		28dpi	-	D	3/5	-	-	-	5/5	3/5	2/5	-	-	P	3/5	5/5	-	-	-
PWD-susceptible	<i>P. pinaster</i>	1dpi	-	P	5/5	-	-	-	5/5	2/5	-	-	-	P	-	-	-	-	-
		3dpi	-	P	4/5	-	4/5	-	-	-	-	4/5	-	P	-	-	-	-	5/5
		7dpi	-	D	-	-	-	-	-	-	-	3/5	-	D	-	-	-	-	5/5
		16dpi	-	D	-	-	-	-	-	-	-	5/5	-	D	-	-	-	-	5/5
		28dpi	-	D	-	-	-	-	-	-	-	5/5	-	D	-	-	-	-	5/5
	<i>P. sylvestris</i>	1dpi	-	P	5/5	-	-	-	5/5	-	-	-	-	P	-	-	-	-	-
		3dpi	-	P	-	-	-	-	-	-	-	4/5	-	P	-	-	-	-	5/5
		7dpi	-	D	-	-	-	-	-	-	-	4/5	-	D	-	-	-	-	5/5
		16dpi	4/5	D	-	-	-	4/5	-	-	-	5/5	-	D	-	-	-	-	5/5
		28dpi	-	D	-	-	-	-	-	-	-	5/5	-	D	-	-	-	-	5/5