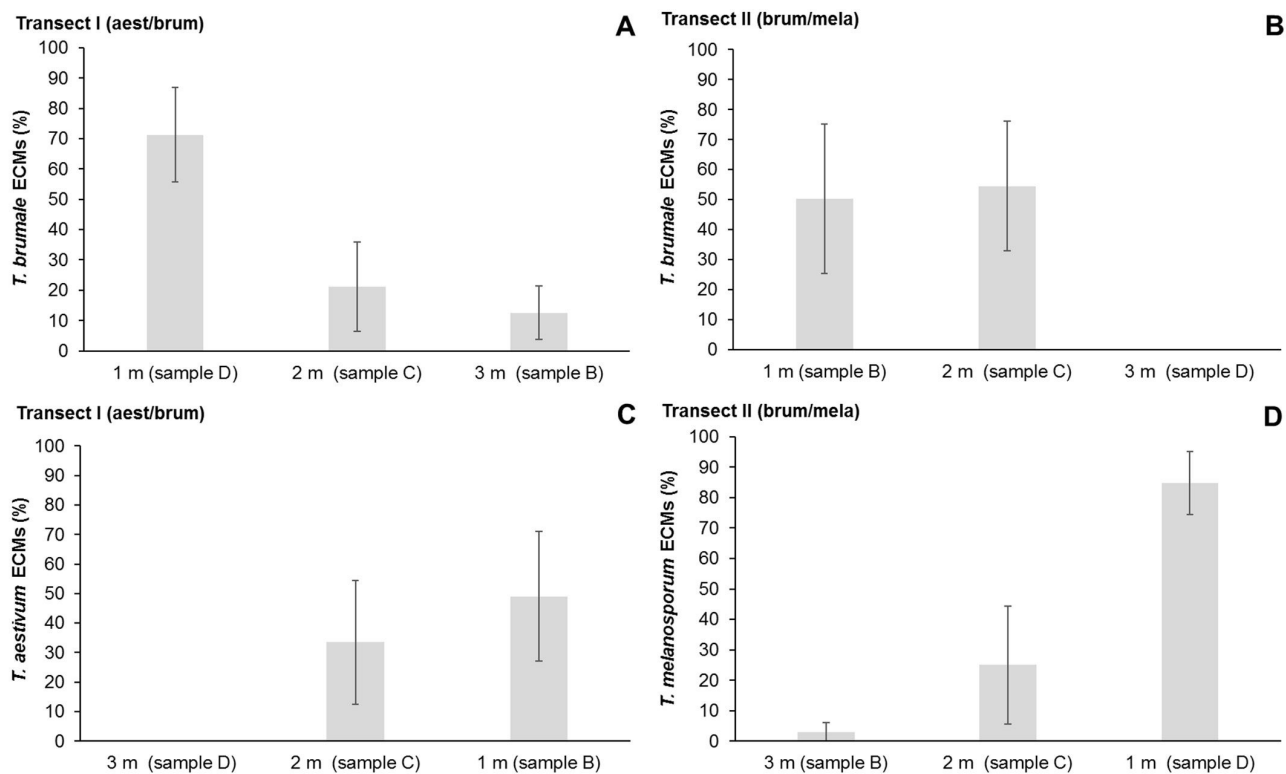


## Supplementary Material

**Fig. S1** – View of the truffle plantation at the time of sampling. Detail of the first two plant lines in the *T. melanosporum* plot (a). *T. melanosporum* plants with the characteristic *brûlé* (b).



**Fig. S2** – Mean percentage of truffle ECMs at 1, 2 and 3 m from the trunk of plants mycorrhized by *T. brumale* (A and B), *T. aestivum* (C) and *T. melanosporum* (D) in the transects I (A and C) and II (B and D). Error bars indicate standard error.



**Tab. S1** – Ectomycorrhizas (ECM) and extraradical truffle mycelium (ERM) in the *T. aestivum*/*T. brumale* transect. (PR): plant row; (ST): sample type; (Tmel): *T. melanosporum*; (Tbru): *T. brumale*; (Taes): *T. aestivum*; (Nt morph): non-target morphotypes; (na): not analysed.

PR	ST	Tmel		Tbru		Taes		Other ECM (%)	Nt morph (n)	Total ECM (n)	
		ECM (%)	ERM (+/-)	ECM (%)	ERM (+/-)	ECM (%)	ERM (+/-)				
1	A	na	-	na	-	na	-	na	na	na	
	Taes plant										
	B	0	-	54	+	0	-	46	6	370	
	C	0	-	88	+	0	-	12	1	40	
	D	0	-	88	+	0	-	12	1	113	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	
2	A	na	-	na	-	na	+	na	na	na	
	Taes plant										
	B	0	-	0	-	94	+	6	1	360	
	C	0	-	0	+	100	+	0	0	10	
	D	0	-	100	+	0	-	0	0	98	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	
3	A	na	-	na	-	na	+	na	na	na	
	Taes plant										
	B	0	-	0	-	100	+	0	0	527	
	C	0	-	0	+	100	+	0	0	450	
	D	0	-	89	+	0	-	11	1	540	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	
4	A	na	-	na	-	na	+	na	na	na	
	Taes plant										
	B	0	-	0	-	100	+	0	0	122	
	C	0	-	0	+	1	+	99	5	476	
	D	0	-	95	+	0	-	5	1	465	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	
5	A	na	-	na	-	na	-	na	na	na	
	Taes plant										
	B	0	-	19	-	0	-	81	2	513	
	C	0	-	0	+	0	-	100	5	239	
	D	0	-	0	+	0	-	100	3	151	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	
6	A	na	-	na	-	na	-	na	na	na	
	Taes plant										
	B	0	-	2	-	0	-	98	4	216	
	C	0	-	39	-	0	-	61	3	335	
	D	0	-	56	+	0	-	44	2	90	
	Tbru plant										
E	na	-	na	+	na	-	na	na	na	na	

**Tab. S2** - Ectomycorrhizas (ECM) and extraradical truffle mycelium (ERM) in the *T. melanosporum*/*T. brumale* transect. (PR): plant row; (ST): sample type; (Tmel): *T. melanosporum*; (Tbru): *T. brumale*; (Taes): *T. aestivum*; (Nt morph): non-target morphotypes; (na): not analysed.

PR	ST	Tmel		Tbru		Taes		Other ECM (%)	Nt morph (n)	Total ECM (n)	
		ECM (%)	ERM (+/-)	ECM (%)	ERM (+/-)	ECM (%)	ERM (+/-)				
1	A	na	-	na	+	na	-	na	na	na	
	Tbru plant										
	B	0	-	100	+	0	-	0	0	150	
	C	0	-	100	+	0	-	0	0	50	
	D	100	+	0	-	0	-	0	0	15	
	Tmel plant										
E	na	+	na	-	na	-	na	na	na	na	
2	A	na	-	na	+	na	-	na	na	na	
	Tbru plant										
	B	15	+	85	+	0	-	0	0	270	
	C	25	+	75	+	0	-	0	0	800	
	D	100	+	0	+	0	-	0	0	120	
	Tmel plant										
E	na	+	na	-	na	-	na	na	na	na	
3	A	na	-	na	+	na	+	na	na	na	
	Tbru plant										
	B	0	-	0	+	100	+	0	0	690	
	C	0	-	36	+	64	+	0	0	695	
	D	47	-	19	+	0	-	34	1	335	
	Tmel plant										
E	na	+	na	+	na	-	na	na	na	na	
4	A	na	-	na	+	na	-	na	na	na	
	Tbru plant										
	B	0	-	16	+	0	-	84	1	140	
	C	0	-	43	+	0	-	57	1	350	
	D	77	+	0	+	0	-	23	1	220	
	Tmel plant										
E	na	+	na	+	na	-	na	na	na	na	
5	A	na	-	na	+	na	-	na	na	na	
	Tbru plant										
	B	0	+	0	+	0	-	0	0	0	
	C	100	+	0	+	0	-	0	0	380	
	D	100	+	0	-	0	-	0	0	110	
	Tmel plant										
E	na	+	na	-	na	-	na	na	na	na	
6	A	na	na	na	na	na	na	na	na	na	
	Tbru plant										
	B	na	na	na	na	na	na	na	na	na	
	C	0	-	0	+	0	-	0	0	0	
	D	0	-	0	+	0	-	0	0	0	
	Tmel plant										
E	na	-	na	-	na	-	na	na	na	na	