

Appendix S11

Indirect control of decomposition by an invertebrate predator

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Table S11. Mean mass loss (%), decomposition constant (k), and half-life ($T_{0.5}$), for decomposition bags containing wood (collected after 1 year), grass (collected after 112 days), and dung (collected after 56 days) in ant suppression and control plots.

Substrate	Treatment	Bag type	N	Mean mass loss (%) \pm SE	k
Wood 1 year	ant suppression	closed	69	8.4 \pm 0.8	0.09
	ant suppression	open	78	32.6 \pm 3.4	0.67
	control	closed	78	6.7 \pm 0.8	0.07
	control	open	78	18.9 \pm 2.8	0.31
Grass 112 days	ant suppression	closed	19	21.8 \pm 1.2	0.81
	ant suppression	open	20	45.5 \pm 3.8	2.16
	control	closed	20	23.8 \pm 1.1	0.89
	control	open	20	37.4 \pm 3.3	1.62
Dung 56 days	ant suppression	closed	20	21.5 \pm 1.8	1.61
	ant suppression	open	20	55.6 \pm 6.7	7.84
	control	closed	19	25.9 \pm 2.2	2.01
	control	open	19	44.6 \pm 5.8	5.23