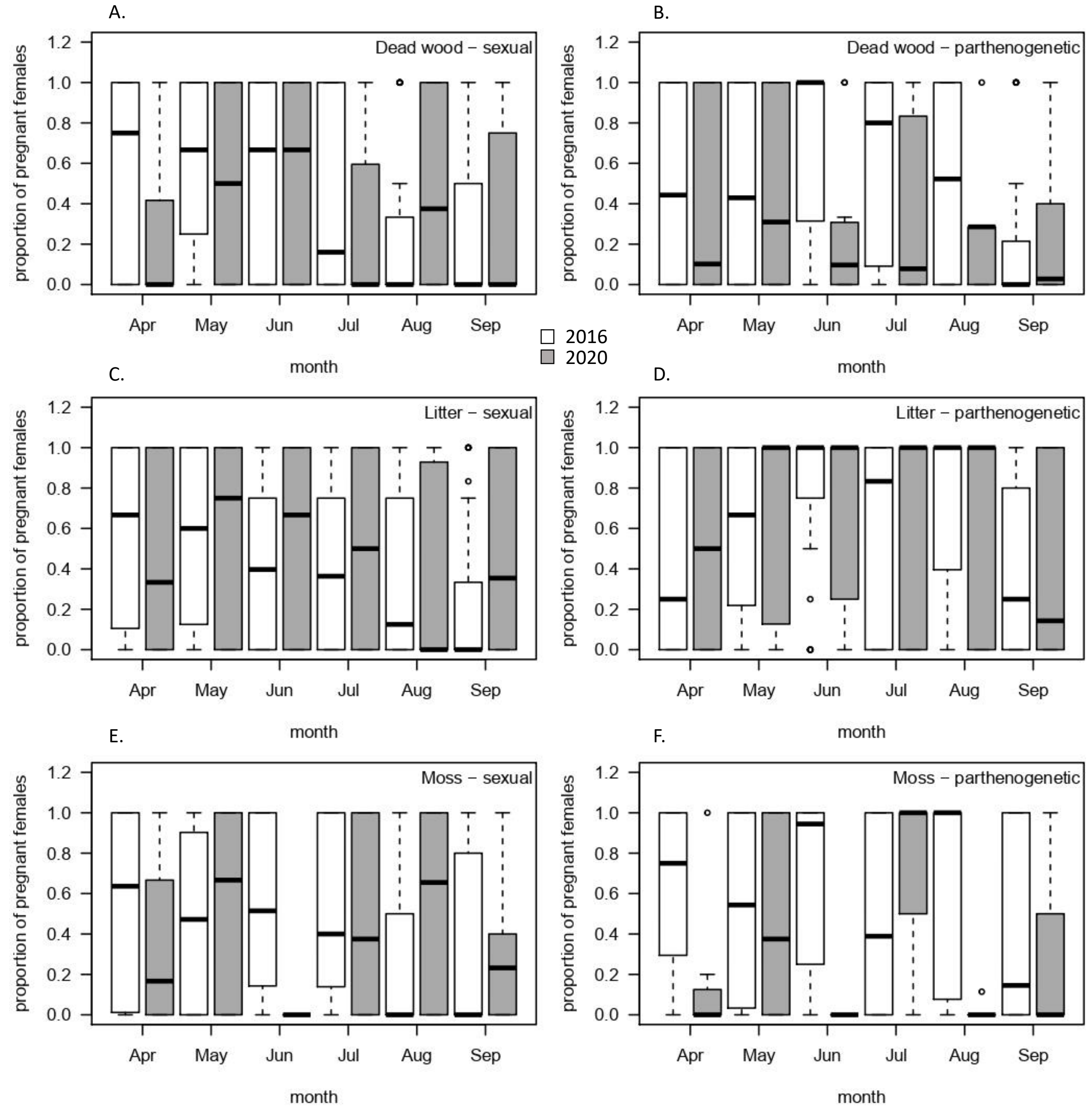


Appendix 9 Proportion of gravid females in sexual and parthenogenetic oribatid mite communities in dead wood, litter and moss compared between 2016 and 2020.



Appendix 9 continued Statistical values comparing proportion of gravid females (A) in total, (B) in dead wood, (C) litter and (D) moss between the years 2016 and 2020.

A Total - GLMM with type III Anova and species as random

	df	Chi ²	p
year	1	0.078	0.780
mode of reproduction	1	1.504	0.220
month	5	43.991	<0.001 ***
year*reproduction	1	5.684	0.017 *
year*month	5	5.601	0.347
reproduction*month	5	31.102	<0.001 ***
year*reproduction*month	5	9.376	0.095
intercept	1	44.018	<0.001 ***

B Dead wood - GLMM with type III Anova and species as random factor

	df	Chi ²	p
year	1	0.066	0.797
mode of reproduction	1	2.630	0.105
month	5	14.018	0.015 *
year*reproduction	1	5.358	0.021 *
year*month	5	3.735	0.588
reproduction*month	5	14.261	0.014 *
year*reproduction*month	5	3.592	0.609
intercept	1	22.073	<0.001 ***

C Litter - GLMM with type III Anova and species as random

	df	Chi ²	p
year	1	0.253	0.614
mode of reproduction	1	0.315	0.574
month	5	23.090	<0.001 ***
year*reproduction	1	1.826	0.177
year*month	5	2.016	0.847
reproduction*month	5	13.102	0.022 *
year*reproduction*month	5	5.123	0.401
intercept	1	18.942	<0.001 ***

D Moss - GLMM with type III Anova and species as random factor

	df	Chi ²	p
year	1	5.688	0.017 *
mode of reproduction	1	0.367	0.545
month	5	10.637	0.059
year*reproduction	1	0.874	0.35
year*month	5	13.491	0.019 *
reproduction*month	5	15.832	0.007 **
year*reproduction*month	5	15.269	0.009 **
intercept	1	40.745	<0.001 ***

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