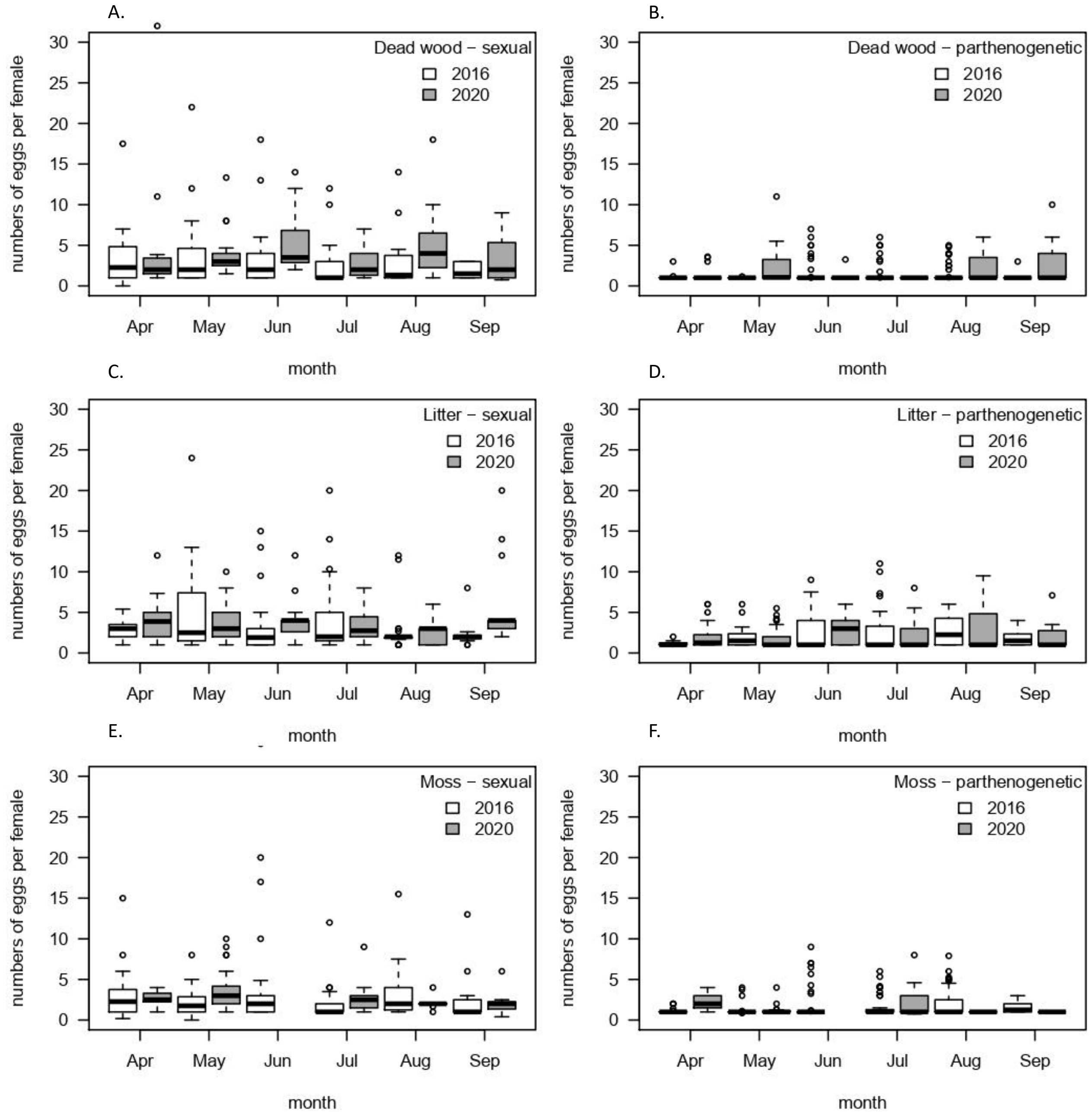


**Appendix 10:** Numbers of eggs per gravid female in sexual and parthenogenetic oribatid mite communities in dead wood, litter and moss compared between 2016 and 2020



**Appendix 10 continued** Statistical values comparing eggs per gravid females (A) in total, (B) in dead wood, (C) in litter and (D) in moss between the years 2016 and 2020

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

	df	Chi <sup>2</sup>	p
year	1	0.633	0.426
mode of reproduction	1	4.352	0.037 *
month	5	27.360	<0.001 ***
year*reproduction	1	0.082	0.775
year*month	5	9.627	0.087
reproduction*month	5	9.773	0.082
year*reproduction*month	5	2.773	0.789
residuals	1	77.084	<0.001 ***

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

	df	Chi <sup>2</sup>	p
year	1	0.002	0.968
mode of reproduction	1	1.299	0.254
month	5	3.362	0.644
year*reproduction	1	0.653	0.419
year*month	5	6.275	0.280
reproduction*month	5	6.448	0.265
year*reproduction*month	5	2.356	0.798
residuals	1	59.516	<0.001 ***

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

	df	Chi <sup>2</sup>	p
year	1	0.203	0.652
mode of reproduction	1	4.720	0.030 *
month	5	15.873	0.007 **
year*reproduction	1	0.005	0.943
year*month	5	3.956	0.556
reproduction*month	5	6.209	0.286
year*reproduction*month	5	0.777	0.978
residuals	1	22.253	<0.001 ***

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

	df	Chi <sup>2</sup>	p
year	1	1.693	0.193
mode of reproduction	1	5.460	0.019 *
month	5	12.405	0.030 *
year*reproduction	1	1.178	0.278
year*month	5	1.248	0.870
reproduction*month	5	5.473	0.361
year*reproduction*month	5	1.680	0.794
residuals	1	43.556	<0.001 ***

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