

nymph plots

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data import

The raw data

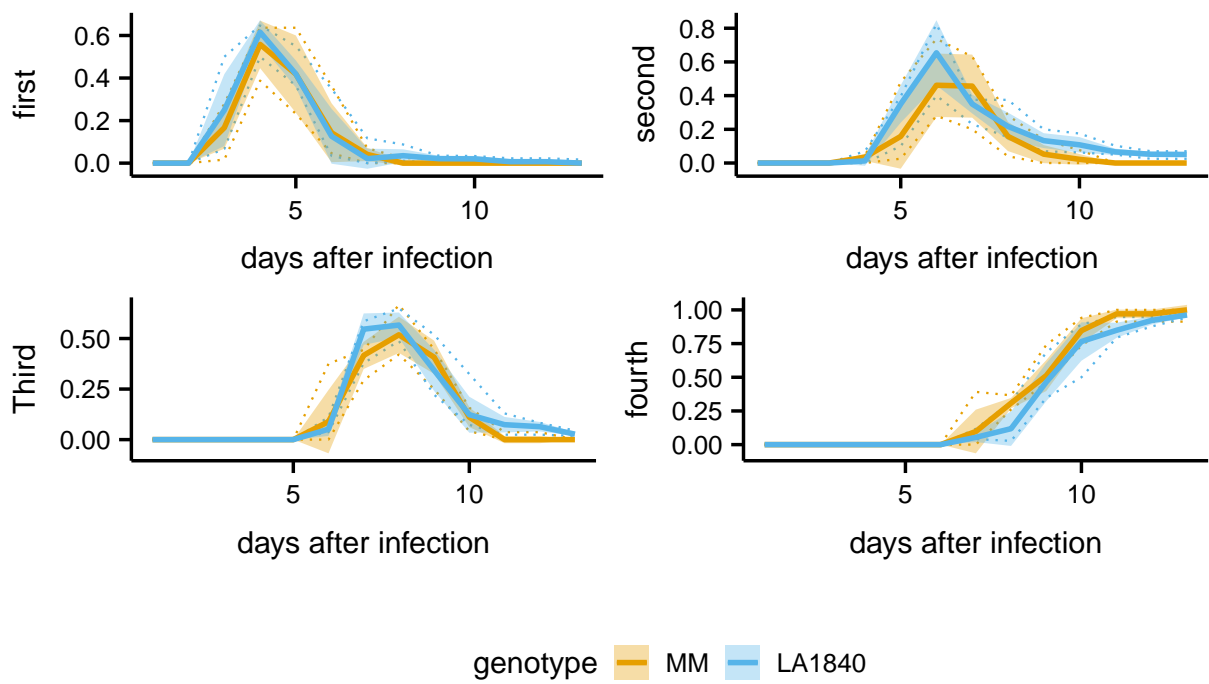
genotype	place	date	day	stage	number
LA1840	7	07/12/2021	13	first	0.3932584
LA1840	7	07/12/2021	13	second	0.3859649
LA1840	7	07/12/2021	13	third	0.0000000
LA1840	7	07/12/2021	13	fourth	0.0000000
MM	8	07/12/2021	13	first	0.4186047
MM	8	07/12/2021	13	second	0.3103448
MM	8	07/12/2021	13	third	0.0000000
MM	8	07/12/2021	13	fourth	0.0000000
MM	9	07/12/2021	13	first	0.3265306
MM	9	07/12/2021	13	second	0.1578947
MM	9	07/12/2021	13	third	0.0000000

adjust data

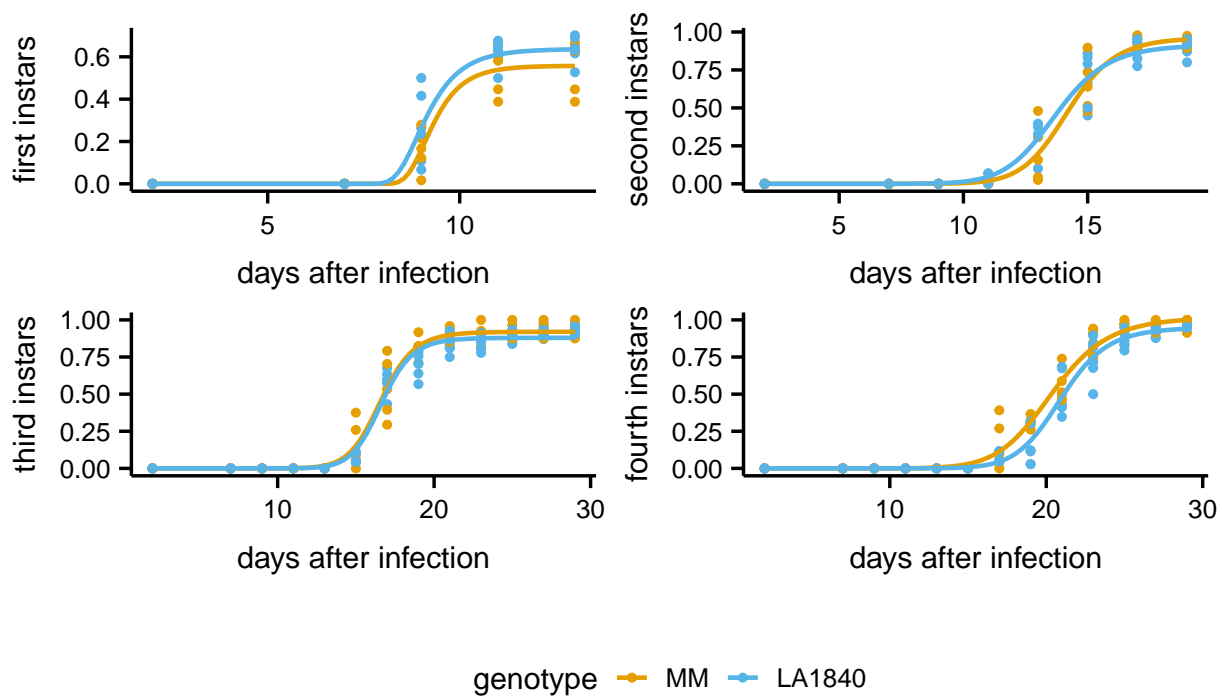
genotype	date	day	stage	mean_number	median_number	sd_number	max_number	min_number
LA1840	09/12/2021	15	first	0.1812451	0.1263911	0.1292995	0.3500000	0.0337079
LA1840	09/12/2021	15	second	0.6207528	0.6541443	0.1932139	0.8245614	0.4000000
LA1840	09/12/2021	15	third	0.0672559	0.0514173	0.0332907	0.1111111	0.0370370
LA1840	09/12/2021	15	fourth	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
MM	09/12/2021	15	first	0.1869276	0.1428571	0.1385255	0.3636364	0.0465116
MM	09/12/2021	15	second	0.5049715	0.4615385	0.1882439	0.7368421	0.2800000
MM	09/12/2021	15	third	0.1551559	0.0888889	0.1566404	0.3750000	0.0000000
MM	09/12/2021	15	fourth	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
LA1840	11/12/2021	17	first	0.0434708	0.0208665	0.0471816	0.1166667	0.0000000
LA1840	11/12/2021	17	second	0.3300806	0.3498572	0.0558344	0.3750000	0.2307692
LA1840	11/12/2021	17	third	0.5160211	0.5462963	0.0778900	0.5853659	0.3783784

graphs development relative to previous stage

Graphs with observed minima en maxima (dotted lines), confidence interval (median +/- SD; filled area) and median (solid line) per genotype per day for each stage, relative to the previous stage.



cummulative numbers



relative abundance

genotype	date	day	stage	median_abundance	sd_abundance	max_abundance	min_abundance
LA1840	13/12/2021	19	first	0.0622797	0.0463283	0.1351351	0.0181818
LA1840	13/12/2021	19	second	0.2287645	0.0798138	0.3750000	0.1621622
LA1840	13/12/2021	19	third	0.5409091	0.0680885	0.6486486	0.4761905
LA1840	13/12/2021	19	fourth	0.1085995	0.1179231	0.2857143	0.0250000
MM	13/12/2021	19	first	0.0000000	0.0166505	0.0357143	0.0000000
MM	13/12/2021	19	second	0.1764706	0.0885959	0.2894737	0.0434783
MM	13/12/2021	19	third	0.5000000	0.1013749	0.6956522	0.4210526
MM	13/12/2021	19	fourth	0.2894737	0.0290990	0.3409091	0.2608696
LA1840	15/12/2021	21	first	0.0371854	0.0234929	0.0555556	0.0000000
LA1840	15/12/2021	21	second	0.1392915	0.0481377	0.2162162	0.0731707
LA1840	15/12/2021	21	third	0.3335704	0.1047471	0.5185185	0.2173913

