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Manuscript Title: Yeast communities related to honeybees: occurrence and distribution in flowers, gut mycobiota and bee products. (AMAB-D-23-01808R1)

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Supplemental Material

Table S1. Presence of yeasts, mould and aerobic bacteria in all samples. The microbial population was detected by viable cell counts and the results are expressed as Log CFU/flower; Log CFU/gut and Log CFU/g of product for bee food supply, bee gut tract and bee products.

Source	Code of sample	Log CFU		
		Yeasts	Mould	Aerobic bacteria
i) Bee food supply (flowers)	1C	5.53	3.30	2.69
	2C	0.00	5.32	2.90
	3C	4.95	2.00	1.72
	4C	4.48	2.00	3.10
	5C	1.10	2.00	4.26
	6	5.00	3.70	0.00
	7	3.90	3.00	1.78
	8	1.46	3.30	0.00
	9	0.00	0.00	0.00
	10	5.08	0.00	0.00
	11	6.25	0.00	0.00
	12	4.89	0.00	0.00
	13	5.38	0.00	0.00
	1 M	1.00	4.08	0.57
	2 M	1.29	3.60	1.74
	3 M	0.00	3.90	2.32
	8C	1.09	3.30	0.00
	1F	5.84	4.60	2.97
	2F	0.00	5.00	2.49
	3F	0.90	4.08	2.90
	14	6.54	5.70	6.08
	15	6.52	5.70	3.32

		16	0.98	3.60	0.00
		17	5.15	3.30	3.48
ii) Forager bee	Hive C	i C1	2.00	0.00	2.00
		i C2	3.48	0.00	1.22
		i C3	3.78	0.00	1.50
		i C4	6.00	0.00	0.90
		i C5	3.68	0.00	2.00
		i C6	4.48	0.00	0.20
		i C7	2.00	0.00	2.80
		i C8	4.10	0.00	0.00
		i C9	4.70	0.00	3.58
		i C10	5.30	0.00	3.55
		p C1	0.90	0.00	0.00
		p C2	1.00	0.00	0.00
		p C3	0.90	1.11	0.00
	Hive M	i M1	2.48	2.00	0.00
		i M2	3.48	0.00	4.08
		i M3	3.54	0.00	2.10
		i M4	3.79	0.00	1.90
		i M5	4.00	0.00	3.85
		i M6	3.90	0.00	3.92
		i M7	3.30	0.00	2.75
		p M1	1.08	2.49	0.00
		p M2	2.70	2.01	0.00
		p M3	1.48	1.82	0.00
		p M4	0.00	0.00	1.11
	Hive U	i U1	4.10	0.00	5.00
		i U2	3.70	0.00	5.00
		i U3	3.81	0.00	3.00
		i U4	3.91	0.00	0.00
		i U5	3.92	0.00	2.20
		i U6	3.11	0.00	2.90
		i U7	2.36	0.00	1.00
		i U8	2.00	0.00	2.50
		i U9	2.60	2.00	4.67
		i U10	5.85	0.00	0.00
		i U11	4.10	0.00	3.35
		p U1	3.30	0.00	1.18
		p U2	3.48	1.38	0.00
		p U3	3.70	0.00	0.00
		p U4	4.30	0.00	0.60
iii) Bee products	Hive C	b C1	0.00	3.78	4.94
		b C2	3.62	0.00	0.00

	b C3	5.36	0.00	0.00
	b C4	3.00	3.70	4.73
	b C5	5.60	4.36	4.52
	b C6	3.00	3.30	0.00
	pr C1	4.00	0.00	0.00
	pr C2	3.60	0.00	0.00
	pr C3	6.48	0.00	0.00
	po C1	0.00	3.48	0.00
Hive M	b M1	3.85	0.00	0.00
	b M2	3.34	0.00	0.00
	pr M1	5.92	0.00	0.00
	pr M2	6.96	0.00	0.00
	b M3	3.48	3.30	4.81
	b M4	0.00	3.70	4.36
	pr M3	0.00	3.30	4.68
	po M1	4.60	3.48	3.95
Hive U	b U1	0.00	0.00	0.00
	b U2	5.63	0.00	0.00
	b U3	3.60	0.00	0.00
	b U4	7.26	0.00	0.00
	b U5	5.68	0.00	0.00
	b U6	3.78	6.28	5.00
	b U7	3.70	4.00	5.18
	b U8	2.00	0.00	0.00
	pr U1	0.00	3.00	4.04
	po U1	4.60	3.48	4.57
	po U2	5.60	0.00	4.30
	po U3	6.45	4.00	0.00