

**Bulletin of Insectology Supplemental Material**

Title: **Parasites-*Iflavirus* association and emergence of three master variants of DWV affecting *Apis mellifera intermissa* in Tunisian apiaries**

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**Table S1.** Locations, distribution and screening results of the 56 sampled hives from 28 apiaries. A1-A7, apiaries located in Bizerte; A8-A14, apiaries located in Jendouba; A15-A21, apiaries located in Siliana; A22-A27, apiaries located in Beja region. H refers to the sampled hive within the apiary.

Location	Colony	<i>Varroa destructor</i> %	DWV type A	DWV type B	<i>N. apis</i>	<i>N. ceranae</i>
Bizerte	A1.H2	2	1	1	0	0
	A1.H4	0	0	0	0	0
	A2.H2	1	0	0	0	0
	A2.H4	1	0	0	0	0
	A3.H2	2	1	0	0	0
	A3.H4	0	1	0	0	0
	A4.H3	23	1	0	0	1
	A4.H4	21	0	0	0	0
	A5.H2	5	0	0	0	0
	A5.H3	3	0	0	0	0
	A6.H4	6	0	0	0	0
	A6.H7	2	0	0	0	0
	A7.H2	6	0	0	0	0
	A7.H6	7	0	0	0	0
Jendouba	A8.H2	4	0	0	0	0
	A8.H3	3	1	0	0	0
	A9.H4	1	0	0	0	0
	A9.H5	2	0	0	0	0
	A10.H1	16	0	1	0	0
	A10.H2	10	0	1	0	1
	A11.H2	14	0	0	0	0
	A11.H5	19	0	0	0	0
	A12.H2	39	1	0	0	0
	A12.H4	44	1	0	0	0
	A13.H5	42	1	0	0	0
	A13.H7	29	1	0	0	1
	A14.H2	20	0	0	0	1
	A14.H4	9	0	0	0	0
Siliana	A15.H1	9	0	0	0	0
	A15.H2	16	0	0	0	0
	A16.H3	11	0	0	0	0
	A16.H4	7	0	0	0	0
	A17.H1	29	0	0	0	0
	A17.H2	8	0	0	0	0
	A18.H3	17	0	0	0	0
	A18.H4	20	0	0	0	0
	A19.H1	22	0	0	0	0
	A19.H2	33	0	0	0	0
	A20.H3	13	0	0	0	0
	A20.H4	9	0	0	0	0
	A21.H1	21	0	0	0	0
	A21.H2	20	0	0	0	0
Beja	A22.H1	2	0	0	0	0
	A22.H7	2	0	1	0	0
	A23.H1	19	0	0	0	0
	A23.H3	7	1	0	0	1
	A24.H4	8	0	0	0	0
	A24.H6	15	0	0	0	1
	A25.H1	8	1	0	0	0
	A25.H4	10	1	0	0	0
	A26.H1	17	0	0	0	0
	A26.H3	6	0	0	0	1
A27.H4	45	1	0	1	1	

A27.H6	33	1	0	0	0
A28.H1	15	1	0	0	1
A28H.10	22	0	0	0	0