Anticipating Pest Expansion Under Climate Change: Ecological Risks of *Scyphophorus acupunctatus* to *Agave* Species in Mexico.

Environmental Management

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Supplementary table 2. Variable contribution to the models under the analyzed climate scenarios and pathways. Species abbreviations are as follows: Aam (*Agave americana*), Aan (*Agave angustifolia*), AC (*Agave cupreata*), Ak (*Agave karwinskii*), Ap (*Agave potatorum*), As (*Agave salmiana*), At (*Agave tequilana*), and Sa (*Scyphophorus acupunctatus*).

Contribution	***Sa***	***Aam***	***Aan***	***Ac***	***Ak***	***Ap***	***As***	***At***
Bio2	20.2	28.3	6.4	11.5	0.8	10.9	8.3	3.8
Bio8	31.0	31.0	14.2	20.1	0.3	23.2	51.3	0.3
Bio9	1.8	5.0	24.1	3.5	10.2	1.8	9.9	16.8
Bio13	3.1	5.4	13.4	30.6	13.9	11.2	0.7	27.9
Bio14	2.8	7.1	0.4	0.1	0.5	0.0	7.5	8.4
Bio15	15.7	2.6	28.4	15.9	32.6	26.3	2.9	31.0
Bio18	3.1	5.7	12.5	5.1	0.2	3.9	0.7	1.7
Bio19	22.3	15.0	0.6	13.2	41.6	22.7	18.9	10.2

CNRM-CM6

cnrm 245	***Sa***	***Aam***	***Aan***	***Ac***	***Ak***	***Ap***	***As***	***At***
Bio2	13.9	15.8	4.0	4.1	1.0	5.7	2.6	5.1
Bio8	37.0	41.6	9.2	23.7	0.1	25.4	52.3	0.3
Bio9	1.4	1.8	23.2	5.0	13.7	3.7	12.6	11.3
Bio13	3.5	6.4	32.9	32.9	11.5	9.1	0.2	30.1

Bio14	4.5	10.0	16.1	1.0	0.0	0.6	8.3	19.9
Bio15	14.2	1.6	12.2	11.5	34.3	31.3	2.5	14.3
Bio18	2.6	5.3	1.8	6.6	0.1	3.9	7.7	5.5
Bio19	22.9	17.4	0.5	15.2	39.3	20.3	13.8	13.4

cnrm 585	***Sa***	***Aam***	***Aan***	***Ac***	***Ak***	***Ap***	***As***	***At***
Bio2	17.0	24.8	4.2	4.5	1.5	9.2	3.9	4.9
Bio8	34.4	40.8	8.0	18.0	0.1	19.2	55.3	0.3
Bio9	1.7	2.9	23.6	3.2	10.4	4.1	6.2	13.0
Bio13	3.5	4.7	14.3	32.9	15.2	15.8	0.2	26.7
Bio14	2.7	8.3	3.0	0.2	0.1	0.9	12.0	7.5
Bio15	17.1	0.7	31.8	22.2	38.4	28.2	2.9	30.0
Bio18	3.7	1.3	13.6	5.8	0.8	5.2	2.8	1.6
Bio19	19.8	16.5	1.5	13.2	33.6	17.3	16.7	15.9

MPI-ESM1.2

MPI_ESM 245	***Sa***	***Aam***	***Aan***	***Ac***	***Ak***	***Ap***	***As***	***At***
Bio2	11.5	18.6	4.8	5.3	0.6	2.9	1.3	6.3
Bio8	37.0	41.0	11.2	20.7	0.1	23.5	52.1	0.1
Bio9	1.8	1.7	22.0	4.8	11.9	3.2	9.4	14.6
Bio13	5.1	5.4	31.9	29.4	10.1	13.0	0.0	35.3
Bio14	2.4	10.0	10.1	0.0	0.1	0.3	4.9	19.7
Bio15	17.1	0.6	17.1	16.6	38.2	32.5	10.5	9.6
Bio18	2.4	4.6	0.5	6.7	0.5	2.7	4.6	1.0
Bio19	22.8	18.1	2.4	16.6	38.5	22.0	17.2	13.4

MPI_ESM 585	***Sa***	***Aam***	***Aan***	***Ac***	***Ak***	***Ap***	***As***	***At***
Bio2	9.5	14.2	19.9	5.3	1.3	3.7	2.0	6.1
Bio8	32.9	41.4	3.3	17.5	0.1	25.9	54.6	0.3
Bio9	1.9	3.2	32.7	3.8	10.5	1.4	7.7	16.0
Bio13	6.7	8.0	1.1	29.8	13.3	16.1	0.5	28.8
Bio14	2.5	7.1	1.5	0.4	0.0	0.2	8.2	15.0
Bio15	20.7	0.2	3.9	24.4	28.5	22.9	5.3	18.5
Bio18	2.8	6.1	11.8	14.5	7.8	10.6	2.1	1.5
Bio19	23.0	19.7	25.8	4.4	38.6	19.3	19.7	13.8