Non-Host Plant Volatiles Disrupt Sex Pheromone Communication in a Specialist Herbivore

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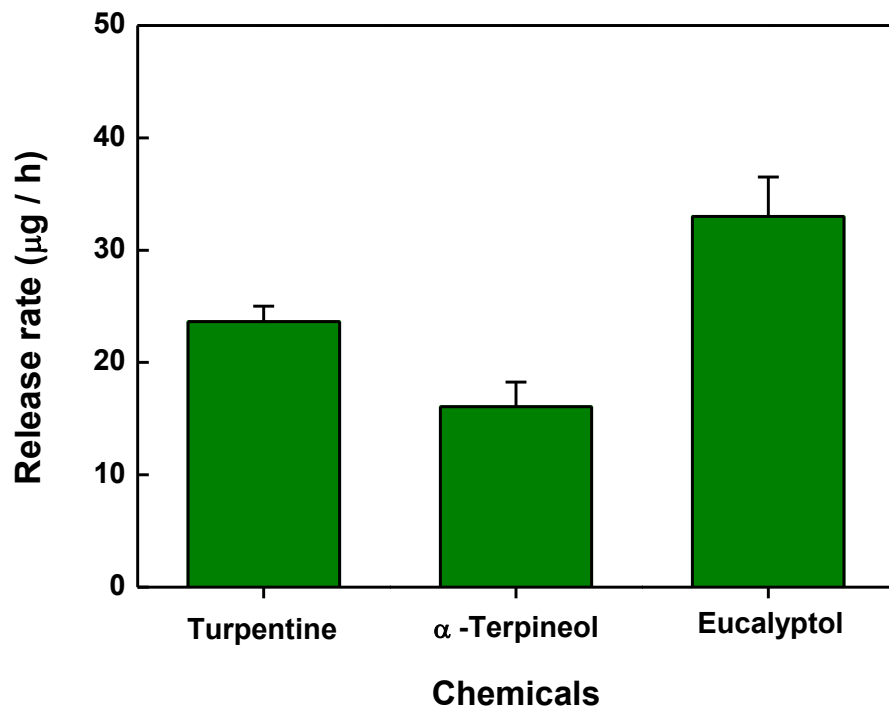E-mail: jydeng70@aliyun.com ; coby@ncsu.edu

Figure S1 Mean estimated release rates + SEM ($N = 30$) of NHPVs loaded at 1000 μg per rubber septum used in observations of calling behavior. Groups of 10 rubber septa were weighed together on an electronic balance (Mettler-Toledo, d = 0.0001 g). Release rates were calculated as mass loss of the rubber septa throughout the 11-h observation period (18:00 – 5:00).
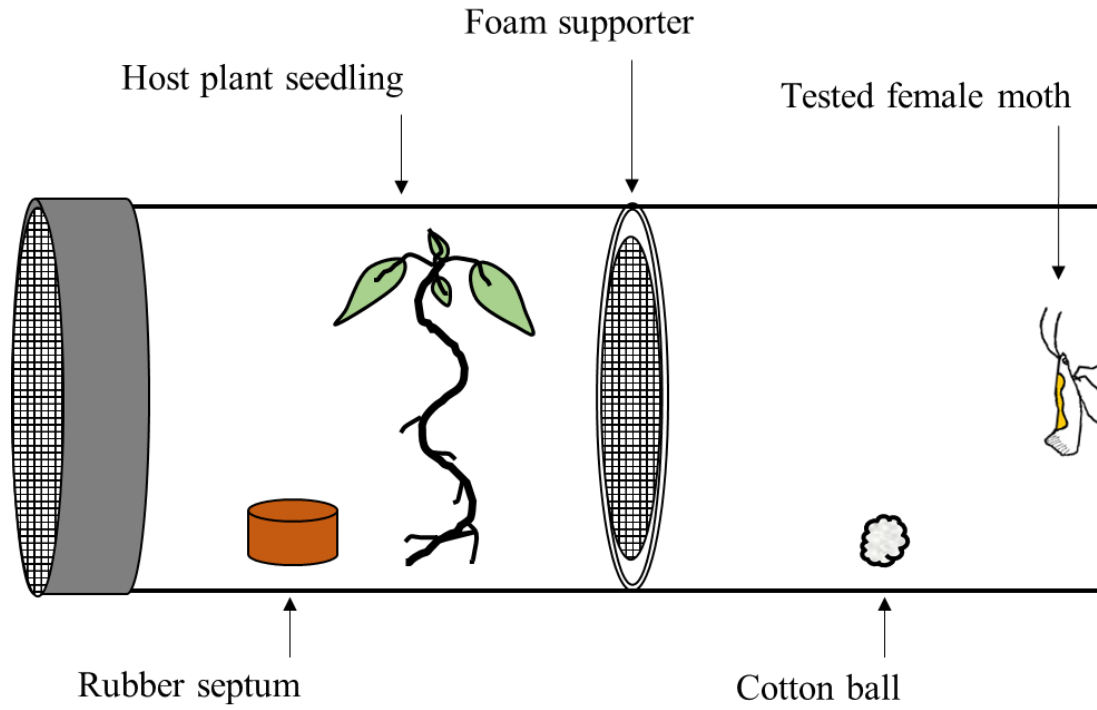
Fig S2 Schematic diagram of arena utilized in observation of calling behavior of female diamondback moth. Odor sources and insect were compartmentalized by window screening supported by a foam loop.
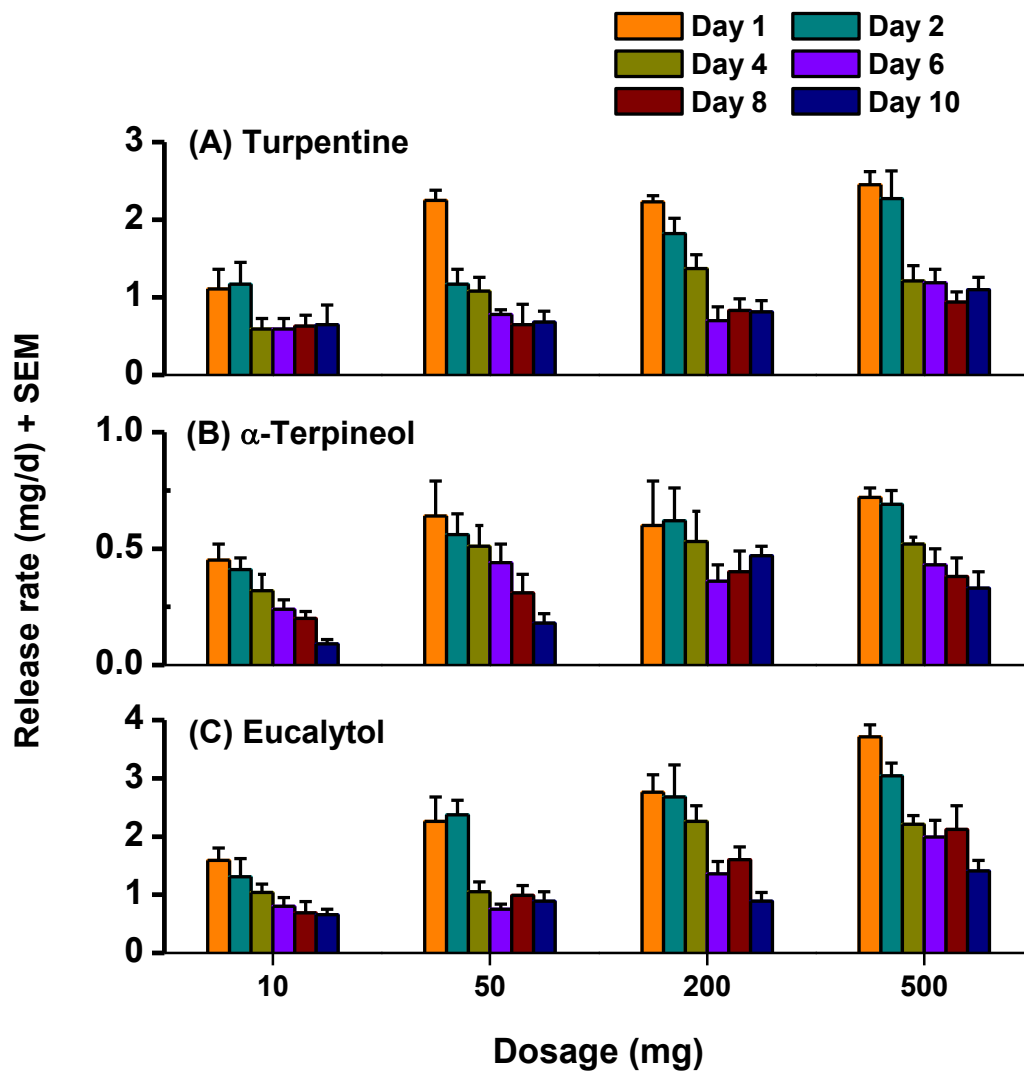
Figure S3 Mean estimated release rates + SEM (n = 5) of NHPVs in a Chinese cabbage (*Brassica rapa Linnaeus* var. *glabra* Regel) field. Release rates were calculated by the decreasing weights of polyethylene centrifuge tubes over consecutive days.