
ERRATUM

THE ROLE OF CONTACT PHEROMONES IN MATE
LOCATION AND RECOGNITION IN
Xylotrechus colonus

MATTHEW D. GINZEL,¹GARY J. BLOMQUIST,²
JOCELYN G. MILLAR,³ and LAWRENCE M. HANKS,^{1,*}

¹*Department of Entomology, University of Illinois at Urbana-Champaign, Urbana,
IL 61801, USA*

²*Department of Biochemistry and Molecular Biology, University of Nevada,
Reno, NV 89557-0014, USA*

³*Department of Entomology, University of California, Riverside,
CA 92521, USA*

* To whom correspondence should be addressed. E-mail: hanks@life.uiuc.edu

We regret that Table 1 of this article on page 540 contained several errors. A corrected version of the table is as follows:

TABLE 1. CUTICULAR HYDROCARBONS OF FEMALE AND MALE *Xylotrechus colonus*^a

Peak	Hydrocarbon	Female	Male	Diagnostic ions
1	<i>n</i> -C25	+	+	352 (M ⁺)
2	9-MeC25	+	–	140, 252/253, 366 (M ⁺)
2	11-MeC25 (trace)	+	–	168/169, 224/225
3	2-MeC25	+	+	323, 351, 366 (M ⁺)
4	3-MeC25	+	–	309, 337, 366 (M ⁺)
5	2-MeC26	–	+	337, 365, 380 (M ⁺)
6	<i>n</i> -C27	+	+	380 (M ⁺)
7	11,13-MeC27	+	+	168/169, 196/197, 224/225, 252/253, 394 (M ⁺)
8	2-MeC27	+	+	351, 379, 394 (M ⁺)
9	3-MeC27	+	+	337, 365, 394 (M ⁺)
10	<i>n</i> -C28	+	+	394 (M ⁺)
11	13-MeC28	+	+	196/197, 238/239
11	12,11-MeC28 (trace)	+	+	168/169, 182/183, 252/253, 266/267
12	C29:1	+	+	406 (M ⁺)
13	C29:1	+	–	406 (M ⁺)
14	3-MeC28	–	+	351, 379, 408 (M ⁺)
15	<i>n</i> -C29	+	+	408 (M ⁺)
16	11,13,15-MeC29	+	+	168/169, 196/197, 224/225, 252/253, 280/281, 422 (M ⁺)
17	C31:1	–	+	434 (M ⁺)

^aPeak numbers correspond with those in Figure 1. “+” indicates a compound is present and “–” indicates it is absent. 11-MeC25 and 12,11-MeC28 coeluted in trace amounts with other compounds. Peaks 12 and 13 represent isomers of the same alkene.