

Supplementary table 2 Number of *I. avulsus* beetles captured by individual traps baited with lanierone, racemic ipsenol and one of seven enantiomeric ratios of (+)-ipsdienol.

Percentage of (+)- ipsdienol in the lure	Trap number	Captures	Mean \pm SD
3	3	88	
	8	648	
	17	189	
	22	123	
	31	174	
	36	140	
	44	1030	
	55	452	355.5 \pm 334.4
20	1	1185	
	12	739	
	20	1047	
	23	1004	
	33	1196	
	40	1537	
	45	1213	
	56	285	1025.8 \pm 374.7
35	2	1937	
	9	2419	
	21	1532	
	24	1777	
	32	1620	
	37	1814	
	48	1253	
	54	1007	1669.9 \pm 430.9
50	5	208	
	11	166	
	19	1321	
	26	2069	
	35	2268	
	42	2084	
	49	2063	
	51	2796	1621.9 \pm 971.9
65	7	2981	
	10	2797	
	15	2554	
	25	2057	
	34	3312	
	41	1781	

	43	2598	
	52	2314	2549.3 ± 495.7
	6	3172	
	13	420	
	18	3098	
80	27	1999	
	29	1510	
	38	2411	
	47	2121	
	50	3299	2253.8 ± 976.3
	4	383	
	14	569	
	16	583	
97	28	773	
	30	1200	
	39	843	
	46	1712	
	53	1060	890.4 ± 426.1