

Supplementary Table S1. Collected location of social wasp nests.

Nest No.	Host (Social wasp)	Coordinate	Location
1. <i>Pyralis regalis</i>			
1	<i>Dolichovespula kuami</i>	N37.754193 E127.165267	Korea National Arboretum, Jikdong-ri, Soheul-eup, Pocheon
2	<i>D. kuami</i>	N35.488541 E126.907700	Naejangsan National Park, Naejang-dong, Jeongeup
3	<i>D. kuami</i>	N36.590997 E128.794788	Sanyari, Waryong-myeon, Andong
4	<i>Vespa crabro flavofasciata</i>	N35.221024 E128.555608	Hoewon-dong, Hoewon-gu, Masan
5	<i>V. crabro flavofasciata</i>	N36.983778 E129.379500	Eupnam-ri, Uljin-eup, Uljin
6	<i>V. simillima simillima</i>	N36.663732 E128.686215	Dochon-ri, Bukhu-myeon, Andong
7	<i>V. simillima simillima</i>	N36.653307 E128.614760	Jaepum-ri, Seohu-myeon, Andong
8	<i>V. velutina nigrithorax</i>	N35.252093 E127.591643	Jirisan National Park, Naedong-ri, Toji-myeon, Gurye
9	<i>V. velutina nigrithorax</i>	N36.558192 E128.757949	Yongsang-dong, Andong
10	<i>V. velutina nigrithorax</i>	N36.545543 E128.711913	Susang-dong, Andong
11	<i>V. velutina nigrithorax</i>	N36.587900 E128.693993	Noha-dong, Andong
12	<i>V. velutina nigrithorax</i>	N36.483830 E128.660002	Wonho-ri, Iljik-myeon, Andong
13	<i>V. ducalis</i>	N36.373469 E128.648468	Cheolpari, Uiseong-eup, Uiseong
14	<i>V. analis parallela</i>	N36.661773 E128.902863	Jeongsan-ri, Yean-myeon, Andong
15	<i>V. dybowskii</i>	N36.513671 E128.552957	Ingeumyeon, Pungcheon-myeon, Andong
16	<i>V. mandarinia</i>	N36.719149 E128.426621	Yulgok-ri, Eunpung-myeon, Yecheon
17	<i>V. mandarinia</i>	N36.552556 E128.530883	Hahoe-ri, Pungcheon-myeon, Andong
18	<i>V. mandarinia</i>	N36.365248 E128.659360	Cheolpari, Uiseong-eup, Uiseong
19	<i>V. mandarinia</i>	N36.365391 E128.658835	Cheolpari, Uiseong-eup, Uiseong

20	<i>P. rothneyi koreanus</i>	N36.665065 E128.511064	Miho-ri, Bomun-myeon, Yecheon
21	<i>P. rothneyi koreanus</i>	N36.656417 E128.488727	Sinwol-ri, Bomun-myeon, Yecheon
22#	<i>P. rothneyi koreanus</i>	N36.137071 E128.611283	Geummae-ri, Hyoryeong-myeon, Gunwi
23	<i>P. rothneyi koreanus</i>	N36.136370 E128.611911	Geummae-ri, Hyoryeong-myeon, Gunwi
24	<i>P. rothneyi koreanus</i>	N36.136518 E128.610816	Geummae-ri, Hyoryeong-myeon, Gunwi
25	<i>P. rothneyi koreanus</i>	N36.137409 E128.612058	Geummae-ri, Hyoryeong-myeon, Gunwi
26	<i>P. yokahamae</i>	N35.964583 E128.928913	Changgu-dong, Yeongcheon
27	<i>P. nipponensis</i>	N35.909365 E128.069238	Yeongcheon-ri, Geumsu-myeon, Seongju
2. <i>Anatrachyntis japonica</i>			
28	<i>P. rothneyi koreanus</i>	N36.136732 E128.611672	Geummae-ri, Hyoryeong-myeon, Gunwi
29	<i>P. rothneyi koreanus</i>	N36.137071 E128.611283	Geummae-ri, Hyoryeong-myeon, Gunwi
30	<i>P. rothneyi koreanus</i>	N36.539990 E128.691703	Suha-dong, Andong
31	<i>P. rothneyi koreanus</i>	N36.665057 E128.510551	Miho-ri, Bomun-myeon, Yecheon
32	<i>P. rothneyi koreanus</i>	N36.611849 E128.692528	Songsongcheon-ri, Seohu-myeon, Andong
33	<i>Vespa crabro flavofasciata</i>	N36.121306 E128.644948	Hwagye-ri, Hyoryeong-myeon, Gunwi
3. <i>Hypsopygia mauritialis</i>			
34	<i>P. rothneyi koreanus</i>	N35.198170 E127.463695	Bongseo-ri, Gurye-eup, Gurye
35	<i>P. rothneyi koreanus</i>	N35.829107 E127.060648	Jungdong Deokjin-gu, Jeonju
36	<i>P. rothneyi koreanus</i>	N35.909365 E128.069238	Yeongcheon-ri, Geumsu-myeon, Seongju
37	<i>V. velutina nigrithorax</i>	N35.186895 E128.164149	Galjeon-ri, Geumsan-myeon, Jinju

38	<i>V. velutina nigrithorax</i>	N35.186895 E128.164149	Galjeon-ri, Geumsan-myeon, Jinju
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