

| Site | Collection Date | Honeybees | Bumblebees | Species 1 (N) | Species 2 (N) | Species 3 (N) | Species 4 (N) |
|------|-----------------|-----------|------------|---------------------------|--------------------------|--------------------------|------------------------|
| A | 7/22/11 | 10 | 24 | <i>B. pascuorum</i> (10) | <i>B. terrestris</i> (7) | <i>B. lucorum</i> (7) | |
| B | 8/14/11 | 10 | 19 | <i>B. hortorum</i> (10) | <i>B. lucorum</i> (9) | | |
| C | 8/2/11 | 9 | 20 | <i>B. pascuorum</i> (10) | <i>B. lucorum</i> (7) | <i>B. terrestris</i> (3) | |
| D | 8/16/11 | 10 | 16 | <i>B. lapidarius</i> (10) | <i>B. lucorum</i> (4) | <i>B. terrestris</i> (2) | |
| E | 7/22/11 | 10 | 15 | <i>B. lapidarius</i> (10) | <i>B. lucorum</i> (2) | <i>B. terrestris</i> (2) | <i>B. sp.</i> (1)** |
| F | 7/24/11 | 7 | 13 | <i>B. lapidarius</i> (9) | <i>B. terrestris</i> (4) | | |
| G** | 7/20/11 | 0 | 15 | <i>B. lapidarius</i> (10) | <i>B. lucorum</i> (4) | <i>B. terrestris</i> (3) | |
| H | 7/31/11 | 10 | 12 | <i>B. lapidarius</i> (7) | <i>B. lucorum</i> (4) | <i>B. terrestris</i> (1) | |
| I | 6/24/11 | 4 | 11 | <i>B. lapidarius</i> (6) | <i>B. lucorum</i> (5) | | |
| J | 6/16/11 | 8 | 19 | <i>B. lapidarius</i> (11) | <i>B. lucorum</i> (4) | <i>B. terrestris</i> (4) | |
| K | 6/15/11 | 4 | 16 | <i>B. lapidarius</i> (10) | <i>B. lucorum</i> (4) | <i>B. terrestris</i> (2) | |
| L | 6/26/11 | 10 | 19 | <i>B. lapidarius</i> (9) | <i>B. hortorum</i> (6) | <i>B. terrestris</i> (3) | <i>B. lucorum</i> (1) |
| M | 6/5/11 | 17 | 27 | <i>B. lapidarius</i> (15) | <i>B. terrestris</i> (8) | <i>B. hortorum</i> (3) | <i>B. pratorum</i> (1) |
| N | 6/25/11 | 10 | 12 | <i>B. lapidarius</i> (6) | <i>B. terrestris</i> (4) | <i>B. lucorum</i> (2) | |
| O | 7/25/11 | 8 | 17 | <i>B. pascuorum</i> (10) | <i>B. terrestris</i> (5) | <i>B. hortorum</i> (1) | <i>B. sp.</i> (1) |
| P | 7/28/11 | 10 | 17 | <i>B. monticola</i> (7) | <i>B. terrestris</i> (5) | <i>B. spp.</i> (5)** | |
| Q | 6/27/11 | 9 | 19 | <i>B. lapidarius</i> (10) | <i>B. terrestris</i> (7) | <i>B. lucorum</i> (2) | |
| R | 6/24/11 | 10 | 9 | <i>B. lapidarius</i> (4) | <i>B. terrestris</i> (2) | <i>B. lucorum</i> (2) | <i>B. jonellus</i> (1) |
| S | 6/30/11 | 10 | 20 | <i>B. lapidarius</i> (9) | <i>B. lucorum</i> (6) | <i>B. terrestris</i> (3) | <i>B. pratorum</i> (2) |
| T | 7/9/11 | 15 | 28 | <i>B. lapidarius</i> (15) | <i>B. terrestris</i> (9) | <i>B. lucorum</i> (4) | |
| U | 7/23/11 | 10 | 20 | <i>B. pascuorum</i> (10) | <i>B. terrestris</i> (6) | <i>B. lucorum</i> (4) | |
| V | 7/3/11 | 9 | 14 | <i>B. lapidarius</i> (9) | <i>B. terrestris</i> (3) | <i>B. lucorum</i> (2) | |
| W | 6/15/11 | 9 | 18 | <i>B. lapidarius</i> (9) | <i>B. lucorum</i> (8) | <i>B. terrestris</i> (1) | |
| X | 6/14/11 | 9 | 20 | <i>B. lapidarius</i> (10) | <i>B. lucorum</i> (7) | <i>B. terrestris</i> (3) | |
| Y | 7/29/11 | 10 | 20 | <i>B. hortorum</i> (10) | <i>B. pascuorum</i> (10) | | |
| Z | 7/9/11 | 9 | 13 | <i>B. terrestris</i> (5) | <i>B. pascuorum</i> (5) | <i>B. lucorum</i> (3) | |

Table S2. Total sample size and species composition (passing quality control) at each site. Unidentified species given as ‘*B. sp.*’ **Not used in GLMM analyses.