**Genevieve Pugesek1 and Elizabeth E. Crone1.** **Contrasting effects of land cover on nesting habitat use and reproductive output for bumble bees**

***Ecosphere***

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**Metadata S1.**

*Code\_Pugesek\_Crone\_2020.R*

R code to perform all analyses described in the main text of this manuscript, and analyses described in Appendix S1 and Appendix S3.

*Data\_Set\_1\_Nest\_Capture\_History.xlsx*

Capture histories for 29 *B. impatiens* nests found in Ipswich, MA, 2018-2019.

*Data\_Set\_2\_Plot\_Characterisitics.xlsx*

Characteristics (e.g. land cover type, year surveyed) for 60 study plots searched during mark-recapture surveys of bumble bee nests (*Bombus* spp.) in Ipswich, MA, 2018-2019.

*Data\_Set\_3\_Nest\_Locations.xlsx*

Descriptions of each *Bombus* nest site (e.g. nest position) located during mark recapture surveys, free searches, and incidental encounters in Ipswich, MA, 2018-2019.

*Data\_Set\_4\_Gyne\_Output.xlsx*

The number of gynes encountered at *B. impatiens* nests found in Ipswich, MA, 2018-2019.

*Data\_Set\_5\_Nest\_Capture\_History\_R\_Mark.xlsx*

Capture histories for 29 *B. impatiens* nests found in Ipswich, MA, 2018-2019 (formatted for analysis in RMark).

*Data\_Set\_6\_Prior\_Knowledge\_Nest\_Sites.xlsx*

A record of prior knowledge of nest sites by surveyors during mark-recapture surveys conducted from 2018-2019 in Ipswich, MA.

*Data\_Set\_7\_Gyne\_Capture\_Histories.xlsx*

Capture histories for 322 gynes entering and exiting *B. impatiens* nest sites found in Ipswich, MA, 2018-2019.