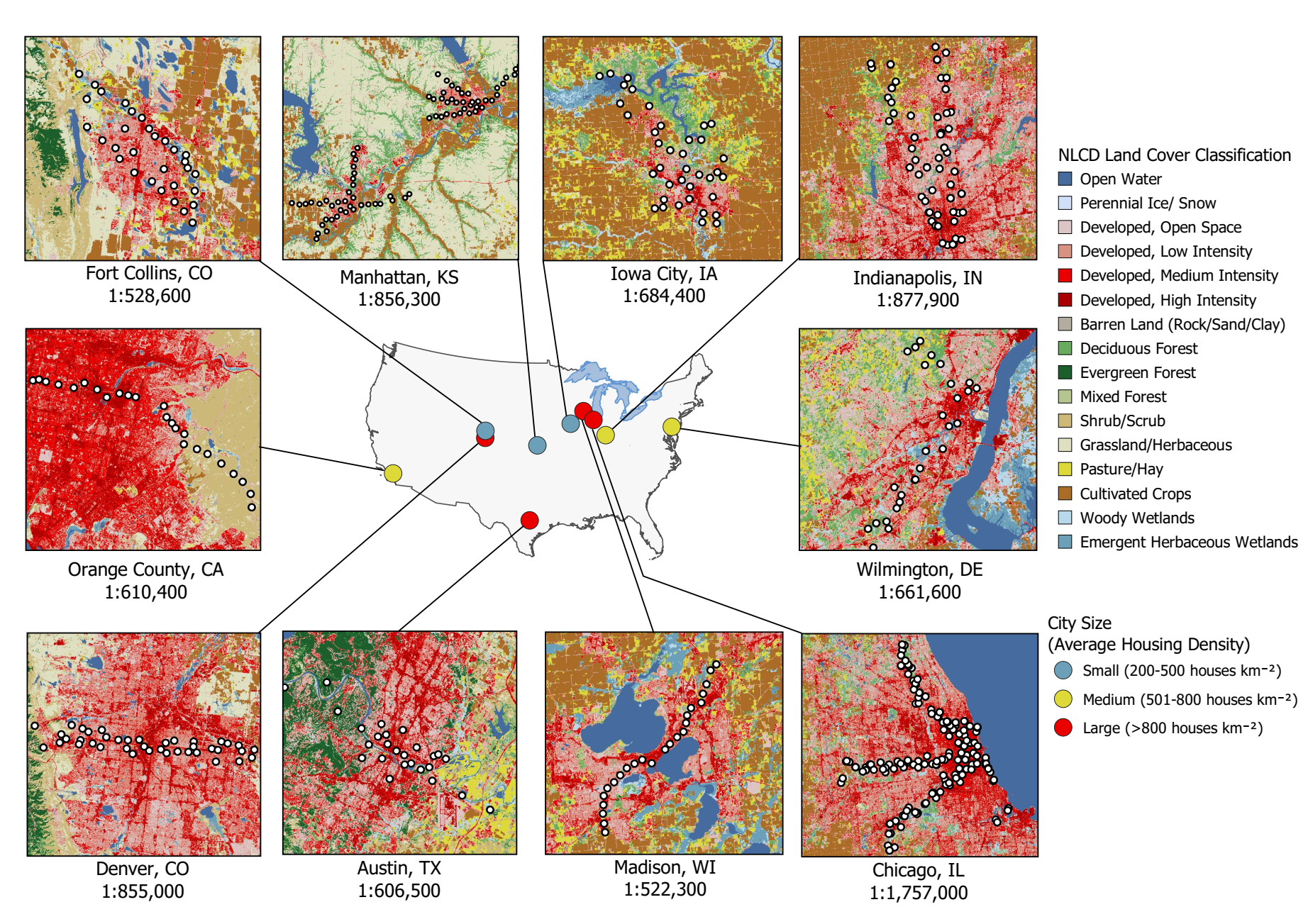
Supplementary Materials for

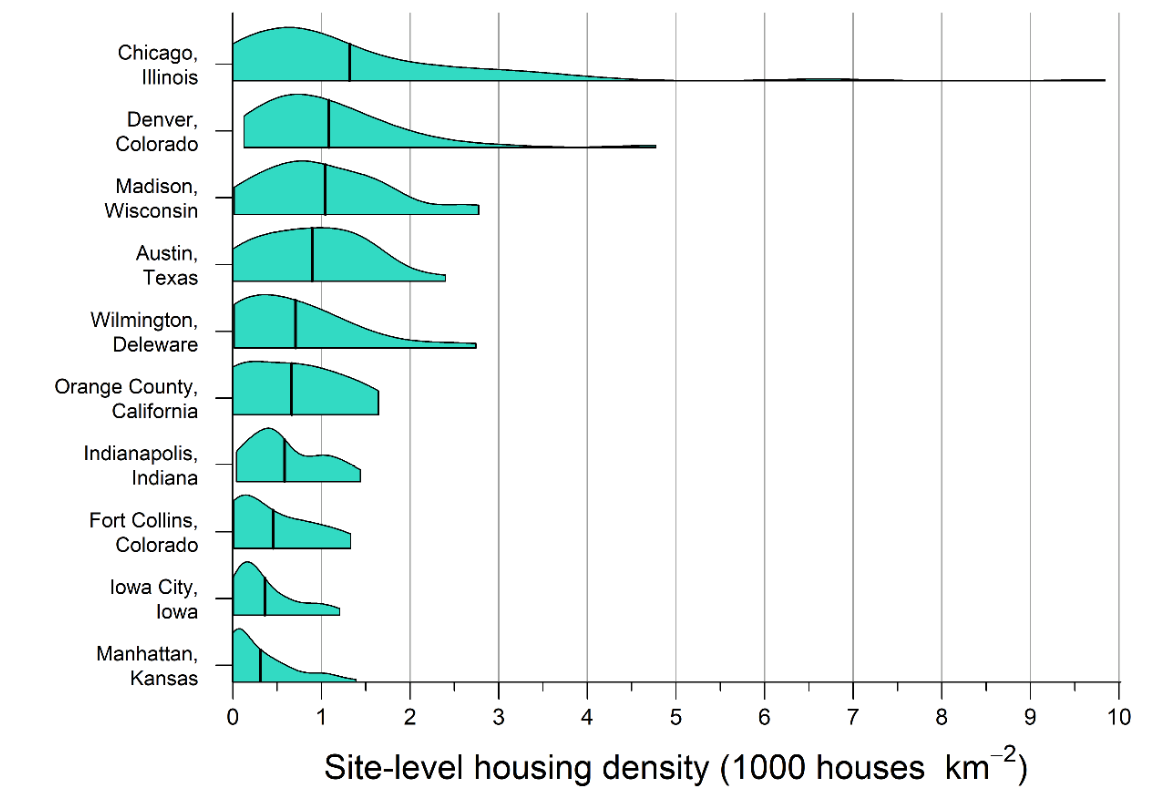
Landscape differences among cities alter species’ responses to urbanization

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**Fig. S1.** Map of the ten cities sampled for this analysis. White dots within each subfigure represent camera trapping sites. Landcover images derived from the National Landcover Database.

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**Fig. S2.** The range and extent of within-city housing density measured at camera trap locations of 10 U.S. cities. Black vertical bars represent the mean housing density across all locations within a city. Housing density was calculated within a 1 km buffer of each camera trap location.

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| --- | --- | --- | --- |
| **Table S1.** The number of functional sites with classified data per year and city. A dash indicates data were not available. | | | |
|  | Number of sites sampled | | |
| City | 2016 | 2017 | 2018 |
| Austin, Texas | - | 25 | - |
| Chicago, Illinois | 97 | 104 | 100 |
| Denver, Colorado | - | 40 | - |
| Fort Collins, Colorado | - | 31 | - |
| Iowa City, Iowa | - | 37 | 39 |
| Indianapolis, Indiana | - | 45 | 43 |
| Orange County, California | - | - | 24 |
| Manhattan, Kansas | 74 | 74 | - |
| Madison, Wisconsin | - | 23 | 24 |
| Wilmington, Delaware | - | - | 28 |

|  |  |  |
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| **Table S2**. The among-city covariates calculated for each of the 10 U.S. cities where camera trap data was collected. Cities are sorted by mean housing density. | | |
| City | Greenspace availability  (proportion) | Average housing density  (houses km-2) |
| Manhattan, Kansas | 0.63 | 310 |
| Iowa City, Iowa | 0.31 | 360 |
| Fort Collins, Colorado | 0.44 | 450 |
| Indianapolis, Indiana | 0.29 | 590 |
| Orange County, California | 0.42 | 660 |
| Wilmington, Delaware | 0.51 | 710 |
| Austin, Texas | 0.59 | 900 |
| Madison, Wisconsin | 0.24 | 1040 |
| Denver, Colorado | 0.39 | 1090 |
| Chicago, Illinois | 0.18 | 1320 |