**Title:** Flight capacity increases then declines from the core to the margins of an invasive species’ range.

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**Figure S1:** Relationship between kudzu bug size (pronotal width) and density of nymphs within colonies. The solid line represents the predicted values of a linear model, while the dashed lines provide the 95% confidence intervals (p = 0.015, r2 = 0.03)

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**Figure S2:** Relationship between kudzu bug average flight speed (m/s) and density of nymphs within colonies. The solid line represents the predicted values of a linear model, while the dashed lines provide the 95% confidence intervals (p < 0.001, r2 = 0.09).

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